

Active Architecture®

**Invoice Approval for SmartStream®**  
an Active Access™ product

*Implementation Guide*

Release 1.0  
May 2001

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## Introduction

The *Implementation Guide* for Invoice Approval for SmartStream®, an Active Access™ product in the Active Architecture® product family from Geac, provides instructions for installing, implementing, and running the application.

## Audience

The audience for this guide is anyone who needs to

- Install and implement Invoice Approval for SmartStream (Invoice Approval)
- Approve invoices through the web.

## Prerequisites

To use this guide, you must be familiar with using

- A Web browser
- SmartStream® Payables

## Customer Service

For answers to questions or problems, call the Geac Helpline at 1.800.808.6327 if you are in North America; otherwise, use the Customer Service number for your country.

Specify the following information:

Responsibility: **Active Architecture**

Product: **SS - AA Invoice Approval**

You can also find updates on the AnswerLink Web site. Access the AnswerLink Web site using the following URL:

**<http://answerlink.geac.com>**

You need your AnswerLink user ID and password to access this site.

# 1 Welcome to Invoice Approval for SmartStream

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## Chapter Contents

1-1	Overview
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## Overview

With Invoice Approval for SmartStream, you can approve or reject invoices on your SmartStream To Do list using your Web browser. You do not need a full SmartStream client installation, and you can perform your duties from any location that has access to a Web browser.

## Invoice Approval functions

After logging on with a valid SmartStream user ID and password, you can perform the following actions:

- Display all outstanding workflow Invoice Approval To Do messages.
- Display all workflow To Do history messages for invoices already approved or rejected.
- Sort the To Do messages displayed on the Web page by clicking a column label. For instance, you can display all Invoice Approval To Do messages by vendor ID.
- View all invoice details to help you decide to whether to approve or reject the invoice.
- Enter approval or rejection comments.
- Approve the invoice and trigger the workflow for the approver or approvers at the next level. If you are the final approver in the chain, the invoice status is set to Complete, and the invoice is eligible for payment.
- Set the priority level to low, medium, or high for approval by subsequent approvers of the invoice.

- Reject the invoice and trigger the workflow to inform the necessary people of your decision to reject the invoice. The invoice status is set to Rejected and the invoice is not eligible for payment.

### Integration with Funds Control

If Funds Control is installed and SmartStream is set to check funds at the approval level, available funds checking takes place. If funds checking fails, you get an error message and the invoice is marked with a Funds Control Exception.

## 2 Installing Invoice Approval for SmartStream

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### About the Invoice Approval installation

This chapter provides the information you need to plan and complete your installation of Invoice Approval for SmartStream (Invoice Approval).

The Invoice Approval installation process has the following stages:

1. Installing the new database component for SmartStream
2. Installing the application server and the Web server

After you finish installing Invoice Approval, verify that the installation was successful by completing the installation verification procedure.

# Preparing for the installation

This section lists the requirements for installing Invoice Approval.

- SmartStream Payables 6.5 must be installed before Invoice Approval can be installed.
- Invoice Approval requires an application server and a Web server. They can be installed on the same physical machine or on different machines.

## Application server software requirements

Invoice Approval requires the following application server software:

- Microsoft® Windows 2000 Server, Service Pack 1, at a minimum build level of 2195, up to, but not including, Service Pack 2
- **If you use a Microsoft database server**, Microsoft SQL Server 7.0, Service Pack 2, client
- **If you use a Sybase® database server**,
  - Sybase Adaptive Server® Enterprise (ASE) 12.0 Open Client
  - Sybase ASE 12.0 OLE DB Provider

## Web Server software requirements

Invoice Approval requires the following Web server software:

- Microsoft Windows 2000 Server, Service Pack 1, at a minimum build level of 2195, up to, but not including, Service Pack 2
- Internet Information Server (IIS) 5.0

## Database server requirements

You must use one of the following database types:

- For NT, Microsoft SQL Server 7.0, Service Pack 2
- For NT, Sybase Adaptive Server 12.0, Sybase EBF 9190
- For HP-UX®, Sybase Adaptive Server 11.5.1, Sybase EBF 8305
- For AIX®, Sybase Adaptive Server 12.0, Sybase EBF 9190
- For Solaris™, Sybase Adaptive Server 12.0, Sybase EBF 9190

## Network protocol

TCP/IP

## Browser

Microsoft Internet Explorer 5.01 or 5.5

## Installing the SmartStream database component

To work with Invoice Approval, SmartStream Payables requires several new stored procedures. These stored procedures are included in the SmartStream database component, a corrective code library (.ccl) file delivered in Solution 250242. You install this solution from the Invoice Approval for SmartStream installation CD using the Solution Delivery program.

To complete this stage of the Invoice Approval installation, you must perform the following tasks:

Task	Description
1	Prepare and validate your environment.
2	Run the Solution Delivery program to install the solution.
3	Verify the application of the solution.

### Multiple environments

With SmartStream 6.5, you can install multiple database environments from a single file server. If you have multiple environments, you must apply Solution 250242 to each environment.

When you apply solutions to your test database server but not your production database server, you may encounter date-mismatch errors. For information about resolving these errors, see the Troubleshooting section.

### Prepare and validate your environment

Before you apply Solution 250242, you must successfully complete the tasks in this section.

#### Backup

It is strongly recommended that you back up your file server and database server before applying Solution 250242.

If it is necessary for you to undo the solution after applying it, you need to restore from these backups.

#### File server

Perform the following tasks to prepare and validate your file server.

##### dbinst.ini, version.ini, env.ini

The Solution Delivery program is controlled by settings in the dbinst.ini, version.ini, and the env.ini files. These files contain information collected by the Database Server Setup program during the SmartStream installation.

The **dbinst.ini** file resides in **n:\geac** (where **n** is the network drive and **geac** is the directory where SmartStream is installed). For each environment, the Database Server Setup program creates subdirectories one level below the **instenv** directory.

The directory is named `\envx` where `x` is the sequential number assigned by the Database Server Setup program. Make sure that the information in the following sections correctly reflects your installation.

**dbsinst.ini**

Entry	Description
<b>[COPY]</b>	<b>Used to retrieve the installation version.</b>
Version=	SmartStream Version = 6.5
<b>[SYSTEM]</b>	<b>This section contains server settings.</b>
Sql_type	MSS=Microsoft SQLServer SYB=Sybase SQLServer
<b>[LANGUAGE]</b>	<b>This section is for language installations.</b>
LIST=	Lists the languages installed. Comma delimited for multiple languages.
EN=	Path indicating where the English language kit is installed. (For SmartStream 6.5 the English language kit is installed in the same location as the base.)
FR=	Path indicating where the French language kit is installed.
ES=	Path indicating where the Spanish language kit is installed.
IT=	Path indicating where the Italian language kit is installed.
NL=	Path indicating where the Dutch language kit is installed.
BASE=	Path indicating where the base language is installed.
PRIMARY LANG=	The language used by the system administrator for installation scripts.

**version.ini**

Entry	Description
<b>[VERSION]</b>	This section contains the version description.
Version=	SmartStream 6.5. Used to retrieve the installation version.

### ENV.INI

Entry	Description
<b>[ENVIRONMENT]</b>	<b>This section contains the environment description.</b>
DESCRIPTION=	Description of the environment.
<b>[SYSTEM]</b>	<b>This section contains server settings.</b>
PRIMARY_SERVER=	The name or IP address of the primary database server.
JobServer=	The name of the Job Server environment. Comma delimited for multiple Job Server environments. <b>Note:</b> This entry is blank for Windows NT, SmartStream Connect, and Job Scheduler servers.
<b>[Product_Name]</b>	<b>Where <i>Product_Name</i> is an installed product. Each installed product has a section.</b>
SERVERS=	The name or IP address of the database server. Comma delimited for multiple servers. The first one listed is the primary server for that product.
<b>[Job_Server_Name]</b>	<b>Where <i>Job_Server_Name</i> is the name in the JobServer setting above. Each entry in the JobServer setting has one section.</b> <b>Note: This section is not present for Windows NT, SmartStream Connect, and Job Scheduler servers.</b>
platform_type=	UNIX platform: AIX, SUN, HP
type=	BATCH or CONNECT.
host=	Name of the UNIX or NT server.
userid=	User ID of the user who installed the UNIX programs.
path=	Path to UNIX or NT Job Server programs.

### RESAPPLY.TXT

When a solution member is successfully applied, the resapply.txt file is updated in the *n:\geac\patch\ss* directory. The Client Refresh process copies this to each local workstation allowing each user to know what solutions were applied.

The Solution Delivery program uses **resapply.txt** to determine which solution members to apply.

### Solution Delivery program

The following files for the Solution Delivery program must be in the `n:\geac\patch` directory where `n:\geac` is the location where SmartStream is installed on the file server.

- `setup.bmp`
- `setup16.bmp`
- `fam2prod.cfg`
- `famdbms.cfg`
- `prodchk.cfg`
- `_setup.dll`
- `dbspatch.dll`
- `_inst32i.ex_`
- `_isdel.exe`
- `setup.exe`
- `setup.ins`
- `_setup.lib`
- `patch.lit`
- `prodnams.lit`
- `refresh32.exe`
- `langbase.txt`
- `sysfile.ini`
- `sysinstl.ini`

Do not change these files.

### DBMS Directory

Verify that the following files are in the `geac\dbms` directory:

- `message.txt`
- `wjamit.exe`

Verify that the following files are in the `geac\bin32` directory:

- prog32.dll
- rexec32.dll

### File server space requirements

Make sure you have sufficient file space on your network file server to apply the solution.

### File server access

Make sure the client workstation that you are using to apply solutions can read and write successfully to the file server location where SmartStream resides. Because the Solution Delivery program reads, executes, and writes to most of the directories where SmartStream is installed, the workstation that you are using to apply this solution must have these privileges.

### Client workstation used to install

Perform the following tasks to prepare and validate the client workstation you use to run the Solution Delivery program.

### Operating system

The workstation you use to apply the solution must be running the Windows NT 4.0 or Windows 2000 Professional operating system.

### Memory requirements

The workstation used to apply the solution must have more than 400 KB of available conventional memory after the network software, drivers, netlib, and environmental variables are loaded and set. This amount of memory is necessary to run the Solution Delivery program successfully.

### SmartStream client installation

To run the user-defined accounting key (UDAK) configuration process, the workstation used to install the solution must have had a SmartStream 6.5 client installation successfully completed on it.

### PowerBuilder .dll files

To run the user-defined accounting key configuration process, you must be able to access the PowerBuilder .dll files for Version 5.0.04.

Verify that you have one of the following settings in your DOS path (or NT System environment variables):

Network: `n:\geac\SS`      Where *n*: is the network drive where SmartStream is installed.

Client: `c:\geac`      Where *c*: is the local drive where SmartStream client is installed.

### Connection to the database server

Make sure the client workstation that you are using to apply this solution can successfully connect to all your database servers.

Database	Tool to use
Sybase SQL Server	Open Client 32-bit utilities
Microsoft SQL Server	Microsoft Client 32-bit utilities

See the Establishing Connectivity in the SmartStream Environment topic in the SmartStream *Installation Guide* for more information.

**Verifying the connection.** You can verify the connection to the database by opening a connection using an ISQL utility or Query Analyzer.

Execute the following command to test the connection:

```
select @@servername
```

This command returns the name of your database server.

## Database servers

Perform the following tasks to prepare and validate the database servers.

### Database server information

The Solution Delivery program updates database servers with corrective code. Because some solutions may update the master database, you must use the system administrator ID (sa) when applying solutions.

Make sure you have the following information for the SmartStream database servers being updated:

- Name of the database servers
- Password for sa

If you have distributed SmartStream products across multiple database servers, you need to know the server names and passwords for all of the SmartStream database servers. Verify whether these values are case sensitive in your environment.

### Disable automatic refresh

For SmartStream client workstations, Geac recommends that you disable the automatic refresh function. Ensure that the Patch Enable option is set to **0** in all **dbserver.ini** files, whether they reside on the file server or client workstation. This prevents the client workstations from being refreshed until all of the solutions are applied and verified.

## Running the Solution Delivery program

You can install Solution 250242 from the Invoice Approval for SmartStream installation CD, or you can copy the solution .ccl files to the **geac\patch** directory on the file server. If the Solution Delivery program cannot find the solution in the **geac\patch** directory, it prompts the user for the correct location. Use the following procedure to install the solution.

Step	Action
1	Run the <b>setup.exe</b> that resides in the <i>n:\geac\patch</i> directory where <i>n:\geac</i> is the target directory where SmartStream was installed.
2	If multiple environments have been installed, select the environment to update. Choose <b>Next</b> .
3	Enter the solution number <b>250242</b> .  If you have previously applied any member of the solution, you are asked if you want to reapply the solution. Choose <b>Next</b> .
4	If the solution members are not found in the <b>geac\patch</b> directory, enter the path to the location of the solution members.  For example, if you are applying a solution from a CD on drive e:\ you enter: <i>e:\servpack\solution number</i> .  Choose <b>Next</b> .
5	If the solution contains database server updates, enter the following information for each server in your SmartStream environment: <ul style="list-style-type: none"><li>▪ User ID (the user ID must have system administrator authority) and choose <b>Next</b></li><li>▪ Password</li></ul> Choose <b>Next</b> .

Step	Action
6	<p>A message is displayed stating that the user-defined accounting key solution mode processing for All Products must be run.</p> <p>Choose <b>OK</b>.</p> <p><b>Result:</b> The <b>User-Defined Accounting Key Log On</b> window is displayed.</p>
7	<p>Enter the appropriate information in the following fields:</p> <ul style="list-style-type: none"> <li>▪ <b>Server</b> - The primary SQL server you are using.</li> <li>▪ <b>Logon ID</b> - The logon ID you use to sign on to the primary SQL server.</li> <li>▪ <b>Password</b> - The password you use to sign on to the primary SQL server.</li> </ul> <p>Do not change the <b>Processing Level</b> option of <b>All Products (except Consolidations)</b> or the <b>Run Mode</b> option.</p>
8	<p>Choose <b>OK</b>.</p> <p><b>Result:</b> The program automatically processes the user-defined accounting key changes. A message is displayed stating that the user-defined accounting key configuration is complete.</p> <p><b>Before continuing, review the dbms\udak\udak.log file for any error that may have been detected during the configuration process.</b></p>
9	<p>When the prompt about whether you want to apply another solution appears, click <b>No</b>.</p> <p><b>Result:</b> The installation of the solution is complete.</p>

## Troubleshooting

Problem	Solution
The Solution Delivery program prompts you to enter the path where the solution resides.	The solution does not reside in the same directory as the Solution Delivery program ( <b>geac\patch</b> ). You must enter the full path to the solution <b>.ccl</b> file. If the problem continues after you specify the full path, copy the <b>.ccl</b> files into the <b>geac\patch</b> directory.
The Solution Delivery program displays the message that you must apply a prerequisite solution.	Exit the program and apply the prerequisite solution. Then apply the current solution again.
The Solution Delivery program displays the message that it cannot run an intermediate file needed to proceed.	Close all Windows applications that are not essential to running the Solution Delivery program.
The Solution Delivery program displays the message that the directory path set in <b>dbsinst.ini</b> does not match this machine.	To match the paths in <b>dbsinst.ini</b> [LANGUAGE] section, change the drive mappings on the workstation that you are using to run the Solution Delivery program.

Problem	Solution
The Solution Delivery program displays the message that it cannot find the <code>dbsinst.ini</code> file.	The <b>dbsinst.ini</b> file must be in the root installation directory. You must place the <code>dbsinst.ini</code> file in the directory.
The Solution Delivery program displays the message that the PowerBuilder .dll files are not in your path.	For the UDAK configuration process, you must have access to the PowerBuilder .dll files in your path. Access them either from the client <b>\\geac</b> directory, or from the network <b>\\geac\ss</b> directory.
The UDAK configuration process indicates a fatal disk error.	Using PowerBuilder, choose Optimize from the Library menu to optimize the <b>geac\ss\ludak.pbl</b> . Restart the resolution at Section = 2 to rerun the UDAK customization process.
The Solution Delivery program displays the following message:  <b>Cannot apply resolution set due to date mismatch or read-only attribute. Review xxxxxx.err for errors.</b>	Review the .err file. If the read-only attribute is set, turn it off.  If the error is related to a date mismatch, a more current version of the solution may be available. Complete the following tasks: <ul style="list-style-type: none"> <li>▪ Move all files listed to a temp directory</li> <li>▪ Run the Restart process</li> <li>▪ Contact SmartStream Customer Service for the latest version of any solution that caused a date mismatch. Be sure to include a copy of the <code>resapply.txt</code> file from the <b>patch\ss</b> directory.</li> </ul>

## Verifying the successful installation of the solution

When you install the solution, the Solution Delivery program produces a log file and error files in the `geac\patch\solution number\envx` directory. If you find errors, use the following procedures to verify that the installation was successful before updating any SmartStream client workstations.

Step	Action
<b>1</b>	Open the solution log file, <code>solution number.log</code> , in the <code>geac\patch\solution number\envx</code> directory.
<b>2</b>	Review the log to determine what corrective code was applied.
<b>3</b>	Review the <code>xxxx.out</code> file for each database family to determine what corrective code was applied to the database server.

If the Solution Delivery program failed, use the following information to determine the problem:

- If the Solution Delivery program fails while verifying whether the solution can be applied, it generates an error file, *solution number.err*. This error report compares the size, the date, and time of the file currently on the file server with the file included in the solution. If the date of the file on the file server is more recent than the one included in the solution, the Solution Delivery program stops.
- Review the solution log file, *solution number.log*, in the *geac\patch\solution number\envx* directory. Determine the point at which the installation of the solution failed by searching for the term **Failed**.
  - If the failure occurred during the copy process, then review the section for the solution started by [*solution numberpl*], where *p* is the product code and *l* is the language code.
  - If the failure occurred as the solution was installed on the database server, then review the [SQL] section to determine which database family the error occurred in. Review the database family error file, *xxxx.err* in the *geac\patch\solution number\envx* directory where *xxxx* is the database family. Review the error file produced by the *wjmit* program to determine what caused the SQL server to fail. The *wjmit* program also may generate a *xxxx.rst* file in the *geac\patch\solution number\envx* directory.

## Restarting a solution

If the Solution Delivery program encounters an error, the program generates a restart control file. This file captures what was being done at the time of the error. After the error is corrected, the process can be restarted. The program starts the application at the point where it stopped.

This file, **restart.ini**, resides in the *geac\patch\envx* directory for the environment where the solution was being applied.

RESTART.INI entry	Description
<b>[Restart]</b>	<b>This section lists all the solutions to restart.</b>
ResList= <i>solution number</i>	Comma delimited for multiple solutions to restart.
<b>[<i>solution number</i>]</b>	<b>The solution number listed in the ResList entry of the [Restart] section.</b>
Section=	Section of the Solution Delivery program <ul style="list-style-type: none"> <li>1 - File server updates</li> <li>2 - User-defined accounting key processing</li> <li>3 - SQL server database updates</li> <li>4 - UNIX server updates</li> </ul>

RESTART.INI entry	Description
RstResMember=	The value for this entry depends on the value in the Section entry as follows: Section 1 - Individual solution member to restart Section 2 - Blank Section 3 Individual solution member of family to restart Section 4 - Blank
RstFamily=	Only used if <b>Section=3</b> (SQL server database updates). Database family to restart.
RstSQLServer=	Only used if <b>Section=3</b> (SQL server database updates). Database server to restart.
RstUxServer=	Only used if <b>Section=4</b> (UNIX server updates). UNIX server being processed when the copy failed.

### Example

The following example shows the **restart.ini** for a solution member 10987D to restart in the SQL server update section for database DBSosst:

```
[Restart]
ResList=10987

[10987]
Section=3
RstResMember=10987D
RstFamily=osst
RstSQLServer=servername
RstUxServer=
```

### Troubleshooting

Error Message	Files to examine	Solution
<b>Extract from [member] failed on the file [path\filename].</b>	<i>solution number.log</i>	Ensure named file does not have read-only attribute set.
<b>Unable to apply family updates for [family] to database server [svrname]</b>	<i>solution number.log</i> <i>solution number.err</i> <i>solution number.out</i>	Check <b>env.ini</b> for invalid database server names for which login ID and password were prompted.  Restart and provide correct database server login ID and password.
<b>Unable to determine Net-Library error.</b>	<b>sql.ini/Environmental Variables</b>	Verify that the name of the server is listed and is correct. Use an SQL Query tool to test the connection to the server.

Error Message	Files to examine	Solution
Net-Lib protocol driver call to connect two endpoints failed.	sql.ini/Environmental Variables	Verify that the IP address for the server is correct. Use WISQL to test the connection to the server.
Undetermined DB-Lib Error.	<i>solution number.log</i> <i>solution number.err</i> <i>solution number.out</i>	Verify user ID and password for the database server.

## Reapplying a solution

All solution members can be reapplied using the Solution Delivery program. Copy the solution .ccl members you want to reapply to the *geac\patch* directory.

Step	Action
1	Run the <i>geac\patch\setup.exe</i> program and enter the number of the solution. <b>Result:</b> The Solution Delivery program displays the following message: <b>Solution</b> <i>solution number</i> has already been applied. Do you want to apply it again?
2	Choose <b>Yes</b> . <b>Result:</b> All the members copied to the <i>geac\patch</i> directory are reapplied.

# Installing the application server and Web server

You can install the application server and the Web server from the same CD. You can install them on the same physical machine or on different machines. Procedures are given for both of these installation options:

- Installing the application server and the Web server on the same machine
- Installing the application server and Web server on different machines
  - Installing the application server
  - Exporting the COM+ application
  - Installing the Web server
  - Registering the Invoice Approval COM+ application

## Before you begin

Before you install the application server and the Web server, make sure that you have

- Installed the SmartStream database component successfully
- Set up client connectivity between the application server and the SmartStream database server through an OLE DB data source using Client Network utility (Microsoft) or Dsedid (Sybase).
- Gathered the information needed to complete the installation and configuration of the application server and the Web server.

## If SmartStream database component installation failed

If the installation of the SmartStream database component was not successful, the application server installation program displays a message about the problem and stops. You cannot continue until the SmartStream database component is successfully installed.

## Set up client connectivity

To continue with the installation process, you must have a valid OLE DB data source set up on the application server. This data source must point to the associated SQL Server or Sybase database server for Invoice Approval. For more information about defining an OLE DB data source, see the Microsoft Windows 2000 Help for Data Link or OLE DB.

**If you are using a Sybase database server**, make sure that you have run the Sybase OLE DB Administration program (**sydaadm.exe**) and tested the OLE DB connection to your server or your installation will fail. See the *Sybase Adaptive Server Enterprise OLE DB Provider Installation Guide* for instructions.

## Prerequisite information

You need the following information to complete the installation and configuration of the application server and the Web server.

### Web site name

During the installation process for the Web server, you must enter the name of the Web site where you want to create Invoice Approval. You can accept the default name, **Default Web Site**, or enter another. The Web site name can be found on the server where the Web server is installed in **Internet Services Manager**.

### Installation password

You need to know the installation password for Invoice Approval included in the cover letter for the installation CD.

### Path used in exporting the COM+ application

**If your Web server is on a separate physical machine from your application server**, you must export the COM+ application to each Web server that the application server works with. During this export process, you must enter the path to a location that both the Web server and the application server have access to. The Web server needs read access and the application server needs write access.

## Installing the application server and the Web server on the same machine

If you are installing the application and the Web server on the same physical machine, you must choose to install them both at the same time. Log on to the Windows 2000 server where you are installing these components, and complete the following steps:

**Note:** If you receive a Failed status for any of these steps, close the installation program and resolve the problem.

Step	Action
1	Insert the Invoice Approval for SmartStream CD in the CD-ROM drive.
2	Double-click <code>x:\setup.exe</code> , where <code>x</code> is your CD-ROM drive.
3	Enter the password for the Invoice Approval application you are licensed to install and click <b>Next</b> . See your cover letter for the installation password. <b>Result:</b> The <b>Welcome</b> window appears.
4	Click <b>Next</b> .
5	Select to install <b>both</b> the <b>Application Server</b> and the <b>Web Server</b> , change the <b>Destination Location</b> , if necessary, and click <b>Next</b> . <b>Important:</b> Because you are installing both these servers on the same machine, you <b>must</b> select to install them both at the same time. <b>Result:</b> The installation program tests your computer for the required software. If any of the requirements are missing, the program identifies them and stops the installation process. If the installation can proceed, the Enter Web Site window appears.

Step	Action
6	<p>Accept the default or enter the name of the Web site where you want to create Invoice Approval and click <b>Next</b>.</p> <p><b>Warning:</b> If you enter the name of a Web site rather than accepting the default, you must enter the name of a Web site that already exists on IIS.</p> <p><b>Result:</b> The SmartStream Invoice Approval Registry Settings dialog box appears.</p>
7	<p>Select either Microsoft or Sybase as your database server, and enter the following information:</p> <ul style="list-style-type: none"><li>▪ Name of your database server in the Data Source field</li><li>▪ User ID and password for the database server.</li></ul> <p>Click <b>Save</b>.</p> <p><b>Result:</b> The installation program writes the registry settings to the registry and starts a program to tailor Invoice Approval to your database. It generates the <b>incl_udak.asp</b> file, which contains your SmartStream user-defined accounting key information. Invoice Approval uses this file to configure the accounting key on your Invoice Approval pages. If the generation of this file is not successful, the installation stops. For more information, see the Troubleshooting section for the application and Web server installation process.</p>
8	<p>A message appears with instructions to complete any remaining manual tasks. Click <b>OK</b> to clear the message.</p> <p><b>Result:</b> The Finish window appears.</p>
9	<p>Accept or clear the default options to display the readme file and reboot. Click <b>Finish</b>.</p>

### Configuring the Internet Information Server

After you run the installation program, you must configure IIS.

Step	Action
1	<p>Click the <b>Start</b> button, point to <b>Programs</b> then <b>Administrative Tools</b>, and then click <b>Internet Services Manager</b>.</p> <p><b>Result:</b> This starts the <b>MS Management Console</b>.</p>
2	<p>Right-click <b>InvoiceApproval virtual directory</b> and click <b>Properties</b>.</p> <p><b>Result:</b> The <b>Invoice Approval Properties</b> window appears.</p>
3	<p>Select the <b>Document</b> tab.</p>
4	<p>Make sure the <b>Enable default document</b> check box is checked and add <b>logon.asp</b> as additional entry in the default document list.</p>
5	<p>Click <b>Apply</b>.</p>
6	<p>Click <b>OK</b>.</p>

**Important: Virus detection scan**

To avoid possible interference between the virus detection program on the Web application server and the Invoice Approval initialization file **global.asa**, remove that file from the list of files that the virus detection program scans.

**Installing the application server and the Web server on different machines**

If you are installing the application and the Web server on different physical machines, you must complete the installation procedures in the following order:

1. Install the application server
2. Export the COM+ application
3. Register the Invoice Approval COM+ application
4. Install the Web server

Log on to the Windows 2000 server where you are installing these components, and complete the following steps:

**Installing the application server**

Log on to the Windows 2000 server where you are installing the application server, and then complete the following steps to run the application server installation program.

**Note:** If you receive a Failed status for any of these steps, close the installation program and resolve the problem.

---

<b>Step</b>	<b>Action</b>
<b>1</b>	Insert the Invoice Approval for SmartStream CD in the CD-ROM drive.
<b>2</b>	Double-click <b>x:\setup.exe</b> , where x is your CD-ROM drive.
<b>3</b>	Enter the password for the Invoice Approval application you are licensed to install and click <b>Next</b> . See your cover letter for the installation password. <b>Result:</b> The <b>Welcome</b> window appears.
<b>4</b>	Click <b>Next</b> .
<b>5</b>	Select to install the <b>Application Server</b> , change the <b>Destination Location</b> , if necessary, and click <b>Next</b> . <b>Result:</b> The installation program tests your computer for the required software. If any of the requirements are missing, the program identifies them and stops the installation process. If the installation can proceed, the SmartStream Invoice Approval Registry Settings dialog box appears.

---

Step	Action
6	<p>Select either Microsoft or Sybase as your database server, and enter the following information:</p> <ul style="list-style-type: none"><li>▪ Name of your database server in the Data Source field</li><li>▪ User ID and password for the database server.</li></ul> <p>Click <b>Save</b>.</p> <p><b>Result:</b> The installation program writes the registry settings to the registry.</p>
7	<p>A message appears with instructions to complete any remaining manual tasks. Click <b>OK</b> to clear the message.</p> <p><b>Result:</b> The Finish window appears.</p>
8	<p>Accept or clear the default options to display the readme file and reboot. Click <b>Finish</b>.</p>

### Exporting the COM+ application

**If your Web server is installed on a separate physical machine, you must export the COM+ application to each Web server that the application server works with.**

Step	Action
1	<p>Start <b>Component services</b> from the <b>Administrative Tool</b> folder.</p>
2	<p>In the left pane of the MMC, expand <b>Component Services</b> until you see <b>Invoice Approval</b> in the <b>COM+ Applications</b> folder. Right-click <b>Invoice Approval</b> and click <b>Properties</b>.</p> <p><b>Result:</b> The <b>Properties</b> window appears.</p>
3	<p>Click <b>Identity</b> and verify that the COM+ application identity setting is correct. <b>If you are installing in a production environment</b>, we recommend the identity be set to <b>This User</b>.</p> <p>COM+ provides two settings for the application identity:</p> <ul style="list-style-type: none"><li>▪ <b>This User</b> - This setting allows you to specify which user account COM+ assigns as the identity for the application's server process.</li><li>▪ <b>Interactive User</b> - This setting is the default setting for the package identity. It is helpful within a development or testing environment.</li></ul>
4	<p>Click <b>OK</b> to close the <b>Properties</b> window.</p>
5	<p>In the left pane of the MMC, right-click <b>Invoice Approval</b> and click <b>Export</b>.</p> <p><b>Result:</b> The <b>Export Application</b> window for the COM Applications Export wizard appears.</p>
6	<p>Click <b>Next</b>.</p>

Step	Action
7	Enter the path to a location that both the Web server and the application server have access to. The Web server needs read access and the application server needs write access.  <b>Note:</b> Be sure to include the name of the application file ( <b>InvoiceApproval.msi</b> ) at the end of the path you enter (for example, <b>n:\Invoice Approval\InvoiceApproval.msi</b> ).
8	Select <b>Export as application proxy</b> .
9	Click <b>Finish</b> to complete the export.

### Registering the Invoice Approval COM+ application

If you are installing the Web server and the application server on different machines, you must add entries to the registry that identify the location of the .dll files on the application server before you complete the Web server installation.

Run **InvoiceApproval.msi** from the **Clients** directory at the location you specified when you exported the application after installing the application server. You can double-click **InvoiceApproval.msi**, or you can complete the following steps to start the process:

Step	Action
1	Click the <b>Start</b> button and click <b>Run</b> .  <b>Result:</b> The <b>Run</b> window appears.
2	Enter the following information in the <b>Open</b> field:  <i>pathname</i> \Clients\ <b>InvoiceApproval.msi</b>  Where <i>pathname</i> is the destination where you exported the application.
3	Click <b>OK</b> .

### Installing the Web server

Log on to the Windows 2000 server where you are installing the Web server, and then complete the following steps to run the Web server installation program.

**Note:** If you receive a Failed status for any of these steps, close the installation program and resolve the problem.

Before you run the Web server installation program, ensure that you have

- Completed all steps of the application server installation process successfully.
- Exported the components of the Invoice Approval COM+ application.

Step	Action
1	Insert the Invoice Approval for SmartStream CD in the CD-ROM drive.
2	Double-click <code>x:\setup.exe</code> , where <code>x</code> is your CD-ROM drive.
3	Enter the password for the Invoice Approval application you are licensed to install and click <b>Next</b> . See your cover letter for the installation password. <b>Result:</b> The <b>Welcome</b> window appears.
4	Click <b>Next</b> .
5	Select to install the <b>Web Server</b> , clear the application server option because you already installed it, change the <b>Destination Location</b> , if necessary, and click <b>Next</b> . <b>Result:</b> The installation program tests your computer for the required software. If any of the requirements are missing, the program identifies them and stops the installation process. If the installation can proceed, the Enter Web Site window appears.
6	Accept the default or enter the name of the Web site where you want to create Invoice Approval and click <b>Next</b> . <b>Warning:</b> If you enter the name of a Web site rather than accepting the default, you must enter the name of a Web site that already exists on IIS. <b>Result:</b> The installation program starts a program to tailor Invoice Approval to your database. It generates the <code>incl_udak.asp</code> file, which contains your SmartStream user-defined accounting key information. Invoice Approval uses this file to configure the accounting key on your Invoice Approval pages. If the generation of this file is not successful, the installation stops. For more information, see the Troubleshooting section for the application and Web server installation process.
7	A message appears with instructions to complete any remaining manual tasks. Click <b>OK</b> to clear the message. <b>Result:</b> The Finish window appears.
8	Accept or clear the default options to display the readme file and reboot. Click <b>Finish</b> .

### Configuring the Internet Information Server

After you run the Web server installation program, you must configure IIS.

Step	Action
1	Click the <b>Start</b> button, point to <b>Programs</b> then <b>Administrative Tools</b> , and then click <b>Internet Services Manager</b> . <b>Result:</b> This starts the <b>MS Management Console</b> .
2	Right-click <b>InvoiceApproval virtual directory</b> and click <b>Properties</b> . <b>Result:</b> The <b>Invoice Approval Properties</b> window appears.

Step	Action
3	Select the <b>Document</b> tab.
4	Make sure the <b>Enable default document</b> check box is checked and add <b>logon.asp</b> as additional entry in the default document list.
5	Click <b>Apply</b> .
6	Click <b>OK</b> .

**Important: Virus detection scan**

To avoid possible interference between the virus detection program on the Web application server and the Invoice Approval initialization file **global.asa**, remove that file from the list of files that the virus detection program scans.

**Troubleshooting**

If the generation of the **incl\_udak** file fails, check that the following tasks were successfully completed:

Ensure that you have set up

- An OLE DB data source on the application server that points to the database server for Invoice Approval using Client Network utility (Microsoft) or Dsedit (Sybase)
- Invoice Approval registry information.

**If you installed the application server and Web server on different machines,** ensure that you have

- Exported the COM+ application to the Web server
- Registered the COM+ application.

## Verifying successful installation

Complete the following procedure to verify that you successfully installed Invoice Approval:

Step	Action
1	Using a browser, access the Invoice Approval application by entering the following URL:  <i>http://Webserver name/ InvoiceApproval</i>  <b>Result:</b> The Invoice Approval Login page is displayed.
2	Log in to Invoice Approval using a SmartStream ID that has pending Invoice Approval To Do messages.  <b>Result:</b> A list of Invoice Approval To Do messages is displayed
3	Select a To Do message.  <b>Result:</b> The selected invoice is displayed so that you can approve or reject it.

## 3 Running Invoice Approval for SmartStream

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### Chapter Contents

3-1	Logging in to Invoice Approval
3-3	Reviewing the Invoice Approval To Do List
3-4	Reviewing invoice details
3-13	Adding comments
3-14	Approving invoices
3-15	Rejecting invoices

---

This chapter describes the functional features of the Invoice Approval application in more detail.

### Logging in to Invoice Approval

The login page connects you with the SmartStream Payables database through your Web browser. The user ID and password you enter must be defined on the SmartStream server.

This page and all subsequent pages are presented to you in the language of your Web browser (this version of Invoice Approval supports only Microsoft Internet Explorer).

**Note:** The optimal display resolution for your Invoice Approval Web pages is 1024 by 768 pixels.

# Welcome to Invoice Approval

Please enter your SMARTStream User ID and Password:

User ID:

Password:

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Click **Log In** to display the next page with the Invoice Approval To Do messages.

## Reviewing the Invoice Approval To Do List

After you log in successfully, this page displays either the Outstanding To Do messages or all the Processed To Do messages.

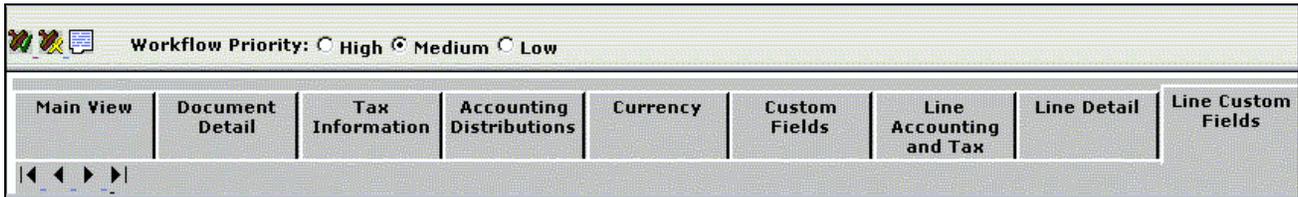
One row is displayed for each invoice that requires your approval. You can see the key fields of the invoices and the workflow assignments. Clicking the heading of a column on this page (for instance, Priority) sorts the list in ascending order of the values in that column. If multiple pages of invoices are retrieved, you can navigate to the next, previous, first, or last page by clicking the navigation arrows above the list to the left.

Page:1 of 2											
	<a href="#">Priority</a>	<a href="#">Vendor</a>	<a href="#">Vendor Location</a>	<a href="#">Invoice Number</a>	<a href="#">Invoice Date</a>	<a href="#">Scheduled Payment Number</a>	<a href="#">Approval Level</a>	<a href="#">Approval Type Code</a>	<a href="#">Approval ID</a>	<a href="#">From User</a>	<a href="#">Date Created</a>
	Medium	LAIRD	-	INVOICE1	11/11/1994	0	10	Workgroup	DBSWorkgroup	USER04	3/20/2001 11:44:01 AM
	Medium	LAIRD	-	INVOICE3A	11/11/1994	0	10	Workgroup	DBSWorkgroup	USER04	3/20/2001 4:48:11 PM

Click the Invoice icon to the left of an Invoice Approval To Do message, to view the invoice details.

## Reviewing invoice details

The Invoice Details page displays details about the invoice that requires your approval. All the invoice information is logically regrouped under separate tabs, so you can easily find the information you are looking for to support your decision to approve or reject the invoice.



This is a display-only version of the invoice. You cannot make any changes to the invoice from this page

Using this page, you can also approve or reject the invoice and enter comments to justify that action.

### Main View tab

When you open the Invoice Details page the Main View tab is automatically displayed with all header and common information for the selected invoice.

Vendor: LAIRD		Vendor Name and Remit Address:	
Vendor Location:		Laird Properties	
Invoice Number:	INVOICE1	101, Brook Road	
Invoice Date:	11/11/1994	Horsham	
Scheduled Payment Number:	0	East Sussex	
		HO3 2FT	
Payable Entity:	UKGEN	Terms:	NET30
Type:	Invoice	Invoice Currency:	GBP
Status:	Complete	Disc Date:	
		Due Date:	12/11/1994
Voucher:		Project Entity:	
		Comments:	

Line Nbr	Amount	Alias	Entity	Division	Account	Department	Product	Project	Item	Vendor Item	Description	Quantity	UOM	Unit Price	Site	PO Num
1	10,000.00	-	UK3	ADMIN	53110	-	-	-	-	-	-	.00000	-	0	-	-

## Document Detail tab

The Document Detail tab shows additional header information for the selected invoice.

Control Group ID:	<input type="text"/>	User ID:	<input type="text" value="USER04"/>
Control Group Date:	<input type="text"/>	Origin:	<input type="text" value="Online"/>
Accrual Effective Date:	<input type="text" value="11/30/1994"/>	Date Created:	<input type="text" value="3/20/2001"/>
Maintenance Effective Date:	<input type="text"/>	Date Updated:	<input type="text" value="3/21/2001"/>
Payment Method:	<input type="text" value="UKCH1"/>	Date Completed:	<input type="text" value="3/21/2001"/>
Type of Payment:	<input type="text" value="Check"/>		

Approval ID:	<input type="text" value="DBSWorkgroup"/>
Form Description:	<input type="text"/>
Remittance Message:	<input type="text"/>

Earnings and Withholding Information		Recurring Payment Definition	
Rule:	<input type="text"/>	Nbr of Pmts:	<input type="text" value="0"/>
Category:	<input type="text"/>	Frequency:	<input type="text"/>
Amount:	<input type="text" value="0"/>	<input type="checkbox"/> Accrue Full Amt	

Draft Information	
Class:	<input type="text" value="[None]"/>
Nbr:	<input type="text"/>

Tax Information tab

The Tax Information tab shows summary tax information for the selected invoice.

<input type="checkbox"/> Tax Only											
Summary Tax Information:											
Tax Rule	Tax Rate	Reclaimable Code	Tax Amount	Tax Expense	Reclaimable Amount	Tax Basis	Type of Tax	Self-Assessed	Entity Tax ID	Entity Tax Exempt ID	Vendor Tax ID
UKVAT	STD	FULL	1,750.00	0.00	1,750.00	10,000.00	Line Level Tax	No	UK556017820	-	UK110026394

### Accounting Distributions tab

The Accounting Distributions tab shows the accounting distribution information defined for the selected invoice.

Distribution Type	Entity	Division	Account	Department	Product	Project	Transaction Amount	Booking Amount	Funds Exception
Expenditure - 1	UK3	ADMIN	53110	-	-	-	10,000.00	10,000.00	-
Tax Reclaimable - UKVAT STD	UK3	ADMIN	13650	-	-	-	1,750.00	1,750.00	-
Accounts Payable Liability	UK3	ADMIN	21110	-	-	-	-11,750.00	-11,750.00	-

### Currency tab

The Currency tab shows all the exchange rate information for the selected invoice.

Invoice Currency:	<input type="text" value="GBP"/>
Booking currency:	<input type="text" value="GBP"/>
Rate Entity:	<input type="text"/>
Rate Type:	<input type="text"/>
Rate Date:	<input type="text"/>
Exchange Rate:	<input type="text" value="1"/>
Transaction to Euro Exchange Rate:	<input type="text"/>
Euro to Booking Exchange Rate:	<input type="text"/>

## Custom Fields tab

The Custom Fields tab shows the custom header fields for the selected invoice.

Custom Field 1: <input type="text"/>	Custom Field 2: <input type="text"/>
Custom Field 3: <input type="text"/>	Custom Field 4: <input type="text"/>
Custom Field 5: <input type="text"/>	Custom Field 6: <input type="text"/>
Custom Field 7: <input type="text"/>	Custom Field 8: <input type="text"/>
Custom Field 9: <input type="text"/>	Custom Field 10: <input type="text"/>

### Line Accounting and Tax tab

The Line Accounting and Tax tab shows accounting and tax information for all lines of the selected invoice. You can browse through the invoice lines by clicking the navigation arrows.

Line: 1 of 1

Line Status:   Match to Purchasing

Item:  Quantity:  Vendor Item:

UOM:  Description:  Unit Price:

Amount:

Expenditure:

Quantity	Percentage	Entity	Division	Account	Department	Product	Project	Funds Exception
0	100%	UK3	ADMIN	53110	-	-	-	-

Tax Information:

Tax Rule	Tax Rate Code	Reclaimable Code	Tax Amount	Tax Expense	Reclaimable Amount	Tax Basis	Allocd Freight Expense	Allocd Chg Tax Expense
UKVAT	STD	FULL	1,750.00	0.00	1,750.00	10,000.00	0.00	0.00

## Line Detail tab

The Line Detail tab shows the details for all lines of the selected invoice. You can browse through the invoice lines by clicking the navigation arrows.

Line: 1 of 1

Line Status:   Match to Purchasing

Item:  Quantity:  Vendor Item:

UOM:  Description:  Unit Price:

Receipt ID:  Amount:

**Allocation**

Discount

Freight:

Misc Charges:

**Earnings and Withholding Information**

Rule:

Category:

Amount:

**Matching PO Information**

Purchase Site:

PO Nbr:

PO Line Nbr:

Ship-To Site:

Ship To:

Required Date:

**Asset Information**

Asset Entity:

Asset:

Serial Number:

Model/Part Nbr:

Manufacturer:

**Project Information**

Project:

Cost Element:

Component:

Rate Code:

### Line Custom Fields tab

The Line Custom Fields tab shows the custom fields defined for all lines of the selected invoice. You can browse through the invoice lines by clicking the navigation arrows.

The screenshot shows a user interface for reviewing invoice details. At the top left, there are navigation arrows: a vertical bar, a left arrow, a right arrow, and another vertical bar. Below these is the text "Line: 1 of 1". The main area contains ten custom fields arranged in two columns. The first two columns have five fields each, labeled "Custom Field 1" through "Custom Field 10". Each field is represented by a text label followed by a rectangular input box.

Custom Field 1:	<input type="text"/>	Custom Field 2:	<input type="text"/>
Custom Field 3:	<input type="text"/>	Custom Field 4:	<input type="text"/>
Custom Field 5:	<input type="text"/>	Custom Field 6:	<input type="text"/>
Custom Field 7:	<input type="text"/>	Custom Field 8:	<input type="text"/>
Custom Field 9:	<input type="text"/>	Custom Field 10:	<input type="text"/>

## Adding comments

By clicking the Comments icon, you bring up a page where you can enter comments to justify the approval or rejection. These comments are stored, and they can be viewed by the originator of the invoice.

Vendor:	LAIRD
Vendor Location:	
Invoice Number:	INVOICE14
Invoice Date:	11/11/1994
Scheduled Payment Number:	0
Approval Level:	10

**Invoice Approval Comments:**

Checked budget - Approved for payment.

## Approving invoices

By clicking the Approve icon, you approve the invoice.



In a multilevel approval scenario, this also triggers the workflow message to the approver at the next level. This person can again approve the invoice using a Web browser or a SmartStream client. You can set the priority for the approval message to the next approver (low, medium or high). You get a confirmation message when the approval is successful and an indication of the current status of the invoice. The status can be Pending Approval if other approvers follow you or Complete if you were the last approver in the chain. When the invoice status is set to Complete, it is eligible for being paid when the due date arrives.

Another workflow message containing notification that the invoice has been approved is sent to the originator of the invoice. The originator can review the invoice and approval comments by clicking this To Do message.

## Rejecting invoices

By clicking the Reject icon, you reject the invoice.



This sets the invoice status to Rejected and prevents the invoice from being paid.

Another workflow message containing notification that the invoice has been rejected is sent to the originator of the invoice. The originator can review the invoice and rejection comments by clicking this To Do message.



### **A** Introduction

The purpose of this document is to help you plan time, staff, and computer resources needed for the implementation of SmartStream® 6.5 Service Pack 3 (6.5.03). It contains the latest information about this service pack. This planning document contains the following sections:

Chapter I	Project Summary And Scope
Chapter II	Installation Considerations
Appendix A	Solutions Addressed

Geac® SmartStream development methodology provides for four distinct project phases: 1) Project Definition, 2) Analysis & Design, 3) Construction, and 4) Approval & Delivery. For service pack delivery, the Analysis & Design phase will not be applicable. After each applicable phase, this document is revised and placed on AnswerLink with a new revision date. Please download and review this document when the revision date changes so that you are current with decisions made during each phase. The final document is marked FINAL VERSION.

This document is current through **Project Definition**

### Revision Information

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### Contacts

Tom Frizzi  
Director, SmartStream Financials/Procurement Support  
(404) 239-2168  
[Tom.Frizzi@geac.com](mailto:Tom.Frizzi@geac.com)

Jim Taylor  
Director, SmartStream HR Support  
(404) 239-2452  
[Jim.Taylor@geac.com](mailto:Jim.Taylor@geac.com)

**Disclaimer:** Delivering this document during each phase of the project provides Geac Enterprise Solutions™ customers with important information at an earlier point in development, giving time to adequately plan for implementation of this service pack. The information is published as it becomes available and is generally reliable and correct, but is subject to change based on various factors, including platform changes, market conditions, and so on, especially during the earliest phases of the project. In the event of a change in project scope, this document is updated and posted to AnswerLink as soon as possible.

# 1 Project Summary and Scope

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## Chapter Contents

1-1	Project Summary
1-2	Planned General Availability
1-3	Project Scope
1-4	Application Enhancements
1-12	Product Delivery

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## A Project Summary

### SmartStream 6.5 Service Pack 3 (6.5.03)

- Delivers all code corrections for SmartStream 6.5.03 to the English, French, Spanish, Dutch, and Italian versions of SmartStream 6.5.
- Delivers enhancements for Financials, Procurement, HR, and Platform.
- Delivers tax and regulatory updates for Human Resources.
- Provide support for Microsoft SQL Server 2000 in addition to Microsoft SQL Server 7.0.
- Provide back-office updates to SmartStream in support of the new releases of Benefits Enrollment 2.0 and Employee Self Service 1.3.

A preliminary list of solutions to be included in Service Pack 3 can be found in this document in Appendix A - Solutions Addressed. A final list of solutions included in this service pack will be included in the *Solution 478450* document on DocLink under SmartStream 6.5, Service Packs and Solutions upon general availability.

Upon general availability of this service pack, you must install 6.5.03 to receive solutions delivered after the service pack, excluding production-down solutions, as documented in the existing Support Policy.

You must install 6.5.03 before you can install the Human Resources year-end solutions for 2003.

## **A**Planned General Availability

The English version of Service Pack 3 is planned to be generally available in May, 2003.

The French, Spanish, Dutch, and Italian versions of Service Pack 3 are planned to be generally available in June, 2003.

This service pack will be shipped to all international customers outside the United States. For U.S. customers, the service pack will be available for download from Answerlink. General availability will be announced on Answerlink, and through electronic mail to subscribers of the Answerlink subscription mailing list. In addition, Distribution Services will mail letters to all customers on Maintenance.

## A Project Scope

The following sections discuss the scope of Service Pack 3 (Solution 478450).

### A Objectives

The objectives of this project are to

- Deliver enhancements and defect corrections for SmartStream 6.5.03:
  - since the release of 6.5.02 until the time of code freeze for 6.5.03 for Human Resources
  - since the release of the Financials and Procurement Cumulative 379341 for Financials, Procurement, and Platform.
- Deliver English, French, Spanish, Dutch, and Italian components for the above listed components.
- Perform early support site release testing at one or more customer sites before making the service pack generally available.
- Package and make the service pack available for all customers on maintenance.

### A Software Requirements

The Supported Technical Environments document for SmartStream 6.5.03 (Topic 276228) contains more details about the required environments for this service pack and is published on DocLink.

## **A** Application Enhancements

This service pack delivers the following application enhancements.

Refer to the *Planning Document for SmartStream 6.5.02 and 6.5.03 Q1 and Q2 2003 Planned Enhancements* for additional information on enhancements planned through June, 2003.

### **A** Financials Enhancements

#### **A** Assets - Automatic Calculation of Initial GST ITC in Year of Acquisition

Asset Management will be enhanced to provide automatic calculation of the input tax credit (ITC) at time of acquisition by entering a percentage in the Original Usage Pct field. Canadian financial institutions are required to record usage percentages to calculate their input tax credits. Before this enhancement, unless the ITC was passed to Asset Management from Payables, the amount on acquisition was not captured.

**Customer Benefit:** Asset Management now allows for automatic calculation of input tax credits through use of the Original Usage Pct field. The ability to pass the ITC from Payables is still provided, but now Asset Management will provide the ability to calculate ITC for assets generated from Projects or added directly by using the Original Usage Pct field.

#### Funds Control - Account Description

The Funds Control Account Description enhancement will display account descriptions 1 and 2 on the two activities most accessed by Funds Control end users: Funds Control Balance and Funds Control Workbench.

**Customer Benefit:** As budget managers are often more focused on business results than accounting codes, providing account descriptions will enhance usability and increase productivity.

#### Ledger - Enhanced Create Journal from Template Feature

The Unposted Journals window will be enhanced to allow users to browse for a template to use when creating journals without having to go back to File - Open. Currently, when users choose the Templates - Create Journal Using Template action from this window, they must type in the template key. With this enhancement, users can use the browse feature to search for existing templates to choose from. This new feature will work similarly to the current functionality found on the Consolidations Journal Entry window.

**Customer Benefit:** Users creating journals to be posted can now take better advantage of predefined templates through quicker entry of the template key with fewer keystrokes and data entry errors.

#### Ledger - Enhanced Delete Capability in Ledger Process Run Activity

The Ledger Process Run activity window will be enhanced to allow users to delete more than one line at a time from the process run list on the window. Currently, only one process run entry can be deleted at a time. This will allow users to delete several entries more quickly.

**Customer Benefit:** The Ledger Process Run log of posting jobs can be more quickly and easily cleared to remove obsolete information from the view.

**Ledger - Enhanced File Open and Filter for Posted Journals**

The following additional functionality will be added to make finding posted journals online much easier:

- Voucher Number has been added to File Open option for Posted Journals activity.
- The filter criteria on Posted Journal Balance window for the Journal ID, Source, and User ID fields have been updated to allow searching with the Starts With option. This will allow users to look for all posted journal entries that start with similar journal IDs, source values, and user IDs. On the Ledger Account Balance window, if users open an account with a balance and double-click one of the balances listed, the Posted Journal Balance window is displayed. On this window, choosing the Filter option will now allow users to choose Starts With as an option for the Journal ID, Source and User ID fields.

**Customer Benefit:** Posted journal information can be located and viewed much more quickly based on selection criteria that are vital to organizations.

**Ledger - Windows Cut/Paste to Unposted Journals Activity**

The Unposted Journals window will be enhanced to allow users to copy an entire selected journal line, or lines, into a new journal line, or lines, in a single step. This new functionality will eliminate redundant data entry on similar journal lines and greatly improve the data entry efficiency on this window. This functionality is in addition to the F2 copy feature that currently exists on the window. While F2 copy allows users to copy selected fields and to paste these fields one at a time to a new journal line, the new Copy action will paste all fields for the selected line or lines in one action.

**Customer Benefit:** Users creating journals to be posted can now take better advantage of the copy and paste functionality of the base Windows operating system. This reduces the number of keystrokes and data entry errors, while increasing speed and efficiency.

**Ledger - Balance, Volume and Equity Account Types**

Ledger will be enhanced to allow Balance, Volume and Equity account types. In addition, the Equity account type will be added to the Budget application. (Budget already allowed Balance and Volume account types.) Balance and Equity account types will be treated as life-to-date accounts. Because they are typically statistical type accounts, Volume and Balance account types will not be included in the delivered Trial Balance report. Bulletin Board topic 274465 has been created with instructions for those customers who wish to include Volume and Balance account types in their Trial Balance.

**Customer Benefit:** It will be more convenient to track and report on non-financial or statistical type data.

**Ledger - Validate Chart of Accounts on Load**

Ledger Load will be enhanced to include an option for validating the Chart of Accounts during the unposted journal load process. Validation will be triggered by adding a new optional column, `_validate_acct` to the load file. A value of Y will force validation of the line. Journals encountering errors will be given a status of "Incomplete" if Approval is used or "In Error" if Approval is not used.

**Customer Benefit:** Invalid accounts can be identified and corrected prior to posting. When approval is used, this will eliminate the inconvenience of having a journal go back through the approval process a second time after posting identifies invalid accounts and they are corrected. This enhancement is implemented as an option so that users that do not require it can avoid the additional processing time required by validation.

### Ledger - Check for Duplicate Journals on Load

Ledger Load will be enhanced to include an option for checking unposted journals against journals with a duplicate key in Posted Journals during the journal load process. This is similar to the checking that is done during online entry. This feature will be included as an option which will triggered when account validation (see 267717 above) is specified during journal load. If the new validation feature introduced with 267717 is turned on, the duplicate journal will not load and appropriate error messages will appear on the Journal Error reports.

**Customer Benefit:** Users can avoid loading journals that will not post. This enhancement is implemented as an option so that users that do not require it can avoid the additional processing time required by additional checking.

### Projects - Save Grid Changes on Project Balance Inquiry Window

Projects will be enhanced to allow users to save their grid settings on the Projects Balance Inquiry window. The window will reference the Grid Saving option that is set up in SmartStream General Preferences to determine how the grid will be saved.

**Customer Benefit:** Saving the grid settings so that the most commonly queried information automatically appears on the grid every time the user enters the window greatly speeds up the balance inquiry functionality, thereby offering the user increased productivity.

## **A** Human Resources Enhancements

### Payroll - Employee Payment Pay Transaction High-volume Transaction Entry

The current Employee Payment Pay Transactions window limits entry to one employee at a time and is resource intensive. The Employee Payment Pay Transaction High-volume Transaction Entry enhancement will introduce a new activity window, which will enable users to view and maintain a batch of pay transactions associated with multiple employees and payments. Users can add, update, or delete pay transactions from the batch of employee payment transactions before the payments are loaded.

**Customer Benefit:** This enhancement will allow Payroll users to enter multiple transactions on the window in a more efficient manner without requiring 100 percent CPU usage during a save.

### Personnel - Auto Generation of Hiring Requisition Numbers

The Auto Generation of Hiring Requisition Numbers enhancement will provide a customer with the ability to define a range of hiring requisition IDs within SmartStream. After the range is defined, SmartStream will automatically select the next unused hiring requisition ID. A new action has been added to the Hiring Requisition window to trigger the generation of a new ID.

**Customer Benefit:** This enhancement will allow a customer to establish and enforce standards for hiring requisition IDs. It will reduce errors in Personnel by not allowing typographical errors in hiring requisition IDs.

## **A** Platform Enhancements

### **A** Mail Gateway - Enhance Mail Gateway to Run As a Service on Windows

This SmartStream Mail Gateway enhancement adds the ability to install and run the Mail Gateway as a Windows service.

**Customer Benefit:** Setting Mail Gateway to run as a Windows service that starts automatically at machine startup streamlines the server startup process. In addition, this enhancement will allow the machine on which the Mail Gateway is installed to be in a secure location as human intervention is no longer necessary to start or run the process.

### Mail Gateway - Enhance Mail Gateway to Use SMTP Addressing with SmartStream

This SmartStream Mail Gateway enhancement changes the Mail Gateway from the use of Message Application Programming Interface (MAPI) mail processing to Simple Mail Transport Protocol (SMTP) mail processing. The use of SMTP by Mail Gateway eliminates the need for a mail client on the Mail Gateway machine, as the mail from batch processing and Workflow To Do processing will be sent directly to the mail server.

**Customer Benefit:** Eliminating the need for a mail client on the Mail Gateway machine makes mail profiles no longer necessary. Because the mail is sent directly to the mail server, it will no longer be necessary to customize the security settings in Microsoft Outlook 2000 to get around the required user intervention for programmatic access. (See SmartStream Solution 290265 for details on the Microsoft Outlook security patch that prohibits applications from automatically processing outbound mail and the temporary workaround for SmartStream 6.5.)

### Security - Security Password Expiry

The SmartStream security enhancement adds SmartStream password expiration. The SmartStream administrator can now set passwords to expire every 1 to 999 days or not at all. The number of days for password expiration can be specified at the security group level. In addition, passwords will be required to meet the usual business standards.

**Customer Benefit:** This enhancement adds a new level of security to SmartStream. Administrators can now force users to change their passwords after a specified time period, thus adding a higher level of prevention of password theft. If passwords are changed on a regular basis, it makes it more difficult to acquire another user's password and access any potentially confidential SmartStream data that may not otherwise be accessible.

### Solution Apply - Administrator Password Hidden During Apply Process

Currently, the Solution Apply process displays the actual values for a password when updating databases or UNIX environments. This solution modifies the Solution Apply process to hide the value of the password while it is being typed by displaying asterisks instead of the actual value.

**Customer Benefit:** Because some solutions may update the master database, the system administrator ID (sa) is required when applying solutions. Not displaying the password for this critical user ID limits its exposure to possible unauthorized use.

### Solution Apply - Automatically Update Windows Job Servers

In the current Solution Apply process, any modified Windows-based programs are not automatically copied to the Windows job servers as is done with the UNIX versions of

the programs. This solution adds functionality to copy programs to Windows job servers if the user applying the solution has the necessary authority to do so. If programs cannot be copied, a message will be displayed to the user that the Solution Apply process was not able to copy programs to the job server and a note will be printed in the output log for the solution identifying the job server or job servers to which the program could not be copied. The inability to copy programs to Windows job servers causes the Solution Apply process to fail.

**Customer Benefit:** The current Solution Apply process does not identify the programs that need to be copied manually to the job server. The task of manually copying the programs to Windows-based job servers is one that is very easy to forget. Often, forgetting this step leads to not having code corrections implemented on all job servers causing program errors. This enhancement will eliminate these issues.

### Solution Apply - Confirm Environment Being Patched

The current Solution Apply process does not identify the database server to which the solution is being applied. If a customer has multiple file server images (for example, one for testing and another for production), this could lead to the solution being inadvertently applied to the wrong environment. This enhancement will change the Solution Apply process to show the database environment of the selected file server and verify if this is the correct environment.

**Customer Benefit:** This solution will help customers confirm solutions are applied to the intended environment.

### Solution Apply - Preserve Timestamps on Files Pushed to UNIX Job Servers

With the current Solution Apply process, when files are copied to UNIX job servers, the date and time for the files in UNIX changes to the date and time when the files were copied. The actual date and time of the file is not maintained. This enhancement will zip the files before passing them to UNIX, allowing the original date and time of the file to be preserved.

**Customer Benefit:** Currently, the version of a program running on a UNIX job server cannot be easily traced to a specific solution. It generally takes some time to determine exactly what version of the program is running. With this enhancement, when a problem occurs in a program running on UNIX, it will be easier and quicker to determine what version is running thus shortening the time for problem resolution.

## Procurement Enhancements

### Common - Vendor Payables Inquiry

The Vendor Payables Inquiry enhancement provides ready access to the information that SmartStream users need to manage their vendor relationships effectively. These are some of the features:

Users can

- Access key vendor balances for all document types and pertinent statuses
- Justify each balance by drilling down to underlying source documents and journals

- Understand trends and highlight exceptions through flexible search and selection criteria
- Ensure accuracy by calculating real-time vendor statistics
- Manage vendor liabilities through user-defined aging totals with graphical representation.

**Customer Benefit:** Vendor Payables Inquiry enables the customer to

- Manage vendor relationships more effectively.
- Gain instant access to all the information needed on a single window.
- Have a complete set of up-to-the-minute vendor statistics instantly.
- Drill down from key indicators to supporting documents and accounting transactions.
- Have full visibility of future payments and past-due liabilities.

#### Payments - Cash Settlement of Credit Memos

Currently in SmartStream Payables, when a credit memo is received from a vendor with no outstanding invoices to offset, it is a common practice to request cash in lieu of deferred credit. Payables now provides the means to record cash settlement of credit memos on the On Demand Payment window (technically a negative payment).

**Customer Benefit:** The one step, real-time cash settlement of the credit memos feature will now enable users to record all payables activity including cash transactions in a single subledger, thus avoiding the need for less auditable manual procedures, such as canceling standalone credit memos in Payables and making adjusting journal entries in Ledger.

#### Purchasing - Automated Copy of Requisition Comments to Purchase Orders

The Automated Copy of Requisition Comments to Purchase Orders enhancement will provide for setting up SmartStream policies that allows requisition header and line comments to be copied to corresponding purchase header and purchase order lines. The comments will be available for internal consultation and PO print.

**Customer Benefit:** The enhancement will make user specifications more readily accessible to purchasing personnel. This will improve buying decisions and reduce errors. Incorporating user comments into the purchase order also provides the ability to print the comments on purchase orders and improve communication between suppliers and end users.

#### Purchasing - Certification of Rightfax 7.2 and 8.5

With 6.5.03, integration with third-party facsimile software packages will be externalized to allow customers to use SmartStream with the fax package of their choice. The fax package need only take advantage of the Microsoft COM technology for faxing purchase orders to vendors. A sample dynamic link library (DLL) will be supplied by SmartStream (with source code) that can be modified for third-party integration. The DLL will be delivered with the integration already set up to support the Captaris Rightfax 7.2 and 8.5 versions.

**Customer Benefit:** SmartStream Purchasing will be integrated with the fax package of the customer's choice to allow transmission of purchase orders to vendors. In

addition, this enhancement provides customers the flexibility to switch between packages as their needs change.

### Purchasing - Search by Vendor Operating Name

This enhancement will enhance the File Open dialog box for the Purchase Order and Purchase Order Inquiry windows so that Organization Operating Name is a field option available when searching for existing purchase orders.

**Customer Benefit:** This enhancement will provide greater efficiency when performing a purchase order search as customers most often recognize vendors by their name instead of their vendor identifier.

## A Tax and Regulatory Updates

### A Canadian 2002 Year-end Regulatory Reporting

The Canadian 2002 Year-end Regulatory Reporting will make available, as a combined deliverable, the legislated changes needed for compliance of Canadian 2002 year-end reporting. This solution will include mandated changes, if any, for T4 and T4A forms and tape, Releve 1 forms and tape, Record of Employment (ROE), and other associated solutions.

**Customer Benefit:** The Canadian 2002 Year-end Regulatory Reporting will keep customers up to date with the latest Canadian legislative changes.

### A U.S. 2002 Year-end Regulatory Reporting

The U.S. 2002 Year-end Regulatory Reporting enhancement will make available, as a combined deliverable, the legislated changes needed for compliance of U.S. 2002 year-end reporting. This solution will include mandated changes, if any, for federal and state W-2 forms and tape, federal and state 1099R forms and tape, federal EIC, and other associated solutions.

**Customer Benefit:** The U.S. 2002 Year-end Regulatory Reporting will keep customers up to date with the latest U.S. legislative changes.

### A U.S. State W2 and 1099 Updates

Several states issued changes to either the W-2 tape and/or 1099-R tape since the completion of the U.S. Year End 2002 Regulatory Update, solution 476444. This service pack includes these additional state regulatory changes.

**Customer Benefit:** These additional updates to Regulatory Reporting will keep customers up to date with the latest U.S. state legislative changes.

## A Technical Upgrades

### Microsoft SQL Server 2000 Support

SmartStream 6.5.03 will support Microsoft SQL Server 2000 Standard and Enterprise editions. Upon availability of 6.5.03, Microsoft SQL Server users can choose to run SmartStream with either the Microsoft SQL Server Release 7.0 or Release 2000 database.

Refer to the *Installation Considerations* chapter for additional information on installing and upgrading with this new database server release.

### Mail Client Platforms

Because SmartStream now supports Simple Mail Transport Protocol (SMTP) for mail processing, the STE no longer specifies supported mail servers. Any mail system that supports SMTP will work with SmartStream.

**Windows NT Workstation**

Windows NT workstation is no longer a supported SmartStream workstation.

**Reporting Tools**

Reporting Tools will no longer be listed on the Stage 1 STE.

**NetLink/CommercePath**

NetLink/CommercePath is no longer supported for faxing purchase orders. If customers would still prefer to use this fax package, it will be necessary to save the 6.5.02 version of the mpoact32.mdb file prior to installing Service Pack 3. This older version can be used instead of the updated version of the file. Future defect corrections will not be delivered for the older version of mpoact23.mdb.

**A System Extensions**

No updates to system extensions are included in this service pack. However, any required updates to the System Extension will be completed after the delivery of the service pack.

**A Language Kit Considerations**

The English, French, Spanish, Dutch, and Italian versions of SmartStream 6.5.03 Service Pack will be delivered. The base and English versions will be available on CD for customers outside the U.S. All components, Base, English, French, Spanish, Dutch, and Italian, will be available as downloadable attachments on solution 478450 on Answerlink.

**A Documentation**

The following documentation will be updated or created and is delivered on DocLink:

- *Applying Service Packs and Solutions* (English)
- *Planning Document for SmartStream 6.5.03* (English)
- *Solution 478450* (English)
- *SmartStream 6.5 Installation Guide* (English)

## A Product Delivery

SmartStream 6.5.03 product delivery includes the following items:

- *SmartStream 6.5.03 Service Pack Installation*
- *SmartStream Cover Letter*

As of January 1, 2003, Geac no longer ships CD's to U.S. customers. CD's will be shipped to non-U.S. customers. The English, French, Spanish, Dutch, and Italian versions of SmartStream 6.5.03 Service Pack will be available as downloadable attachments on solution 478450 on Answerlink.

## A SmartStream 6.5.03 Service Pack Installation

The SmartStream Service Pack installation contains the SmartStream solutions and the Solution Delivery Program

## A Impact to Staging Policy

Upon general availability of this product, the following staging policy applies:

Product	Stage 1	Stage 2	Stage 3
6.5.03 English	May 2003		
6.5.02 English		May 2003	August 2003
6.5.03 French, Spanish, Italian	June 2003		
6.5.02 French, Spanish, Italian		June 2003	September 2003

## 2 Installation Considerations

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### **A** Available Documentation

SmartStream 6.5.03 includes the following documents to assist you in implementation:

- *Applying Service Packs and Solutions*
- *Solution 379341*
- *Solution 478450*

You will be able to access the most current versions of these documents online using DocLink (the documentation library component of AnswerLink, the Geac Web-based support service) upon general availability of Service Pack 3.

### **A** Applying Service Packs and Solutions

The *Applying Service Packs and Solutions* document for SmartStream 6.5.03 contains general procedures for applying service packs or individual solutions for SmartStream and all licensed SmartStream products. You can find this guide on DocLink under SmartStream 6.5, Service Packs and Solutions, Applying Service Packs and Solutions.

### **A** Solution 379341

The *Solution 379341* document contains detailed information about all solutions contained in the Financials and Procurement Cumulative 379341, by product, including Microsoft Access changes and PowerBuilder changes. If you have not installed this cumulative prior to installing Service Pack 3, you should review this document to familiarize yourself with the solutions included in the cumulative. The

Financials and Procurement Cumulative will be automatically installed prior to installing Service Pack 3, if it is not already installed.

### **Solution 478450**

The *Solution 478450* document will contain detailed information about all solutions contained in SmartStream 6.5.03, by product, including Microsoft Access changes and PowerBuilder changes. This document will contain the final listing of the solutions included in the service pack. This document will be available on DocLink under SmartStream 6.5, Service Packs and Solutions, Solution 478450.

## A Installation Considerations

Before starting the installation process obtain a current copy of the *Applying Service Packs and Solutions* document and the *Solution 478450* document from DocLink under SmartStream 6.5, Service Packs and Solutions, and visit the AnswerLink Bulletin Board. Under SmartStream, Release Information, 6.5.03 (Service Pack Solution 478450), review the following topics:

- 6.5.03 Critical Issues (Topic 276227) for the latest installation information for the version of SmartStream that you are installing.
- 6.5.03 Supported Technical Environments (Topic 276228) for the latest information about requirements for running SmartStream with the various operating systems, database servers, and client workstations.
- 6.5.03 Migration Roadmap (Topic 276230) for the latest info about migrating to SmartStream 6.5.03 from release 6.0.03.

## A Installation Prerequisites

The following solutions are prerequisites and must be installed prior to installing Service Pack 3:

- 165213 HR TONI
- 221217 Service Pack 1
- 173132 for Funds Control customers only
- 180119 for all customers
- 262253 Service Pack 2

The following solutions are **optional** prerequisites for this service pack. If these solutions are not installed prior to installing 478450 Service Pack 3, the service pack installation process will automatically install these solutions:

- 480448 Common Cumulative Solution
- 379341 Financials and Procurement Solution
- 483443 Receivables Billing Integration Solution

The following solution is being delivered for the first time and will automatically be applied prior to installing Service Pack 3:

- UDAK Solution 523565

The following cumulative solutions have been included in and will be redelivered in Service Pack 3:

- 479442 Human Resources Cumulative
- 476444 U.S. Year-End 2002 Regulatory Reporting
- 476445 U.S. Year-End 2002 Regulatory Reporting

### **A** Installation Post-Requisites

#### **A** Receivables - Reversal of Failed Remittance

Following the installation of SmartStream 6.5.03, SmartStream Receivables customers must install individual solution 522462, which will be made available on Answerlink. This enhancement will allow remittance failure to be recorded, resulting in the reopening of related items and reversal of processing performed at the time of remittance allocation (similar to payment cancellation in Payables). In addition, users can enter reason codes to explain why the remittance failure occurred. Refer to this solution on Answerlink for additional information on this functionality.

This solution will add new columns to the following tables and migrate existing data to the new table format.

DBSrecv..remit

DBSrecv..remit\_archive

DBSrrcv.recv\_reason\_code

Because some of these table migrations may require additional time and resources not usually associated with a service pack implementation, and to allow a phased approach to implementing the service pack, this solution was not included in Service Pack 3. As additional performance testing is completed for this solution, time and estimated space requirements will be provided on AnswerLink to allow you to better plan your implementation of this solution.

**You must implement this solution before receiving any solutions for Receivables subsequent to Service Pack 3.**

## A Implementation Considerations

After successfully installing SmartStream 6.5.03 (Service Pack 3), additional environment setup may be required, depending on your implementation of SmartStream.

### A Microsoft Job Servers

If you are running job servers on a Microsoft operating system, you will now be required to set up ODBC connectivity to your database server from your job server workstation, if you have not done so previously. The SmartStream 6.5 Installation Guide chapter *Installing Job Server in a Windows Environment* will be updated upon general availability of Service Pack 3 to provide instructions to accomplish this.

### A Mail Server SMTP Compliance

With Service Pack 3, SmartStream now supports SMTP protocol for integration with mail servers instead of MAPI protocol. If you will be implementing this new integration, it will be necessary to install a new version of the mail gateway. If you have stored email addresses in SmartStream for use with non-SMTP mail servers, it will also be necessary to convert any existing email information stored in SmartStream to the new SMTP format. This service pack will provide a conversion program to handle this process. The SmartStream 6.5 Installation Guide chapter *Installing the SmartStream Mail Gateway* will be updated upon general availability of Service Pack 3 to provide instructions to implement the new mail gateway.

If running on a non-SMTP compliant mail server, two options are available:

- Do not install the new Mail Gateway: It will not be necessary to re-install the Mail Gateway. SmartStream will continue to operate under the prior version of the Mail Gateway, but support for this version will be handled as a Stage 3 product.
- Install the new Mail Gateway: The new Mail Gateway can be installed and run with non-SMTP compliant mail servers, but address books will not be available in SmartStream.

### A Microsoft SQL Server Upgrade Considerations

As of SmartStream 6.5.03 and later, SmartStream now supports both Microsoft SQL Server release 7.0 and release 2000. The requirements for running Microsoft SQL Server 2000 in conjunction with SmartStream are as follows:

- Microsoft SQL Server 2000 must be at the Service Pack 3 level.
- The database server operating system must be at the Windows 2000 Service Pack 3 level.
- SmartStream will only be supported on the default instance of SQL Server.

**NOTE:** You cannot install a default instance of SQL Server 2000 on a computer that is also running SQL Server 7.0. You must either upgrade the SQL Server 7.0 installation to a default instance of SQL Server 2000, or keep the default instance of SQL Server 7.0 and install a named instance of SQL Server 2000. However, remember that SmartStream will only be supported on the default instance of SQL Server.

- The Microsoft SQL Server 2000 option "**Allow Cross Database Ownership Chaining**" must be set for all of the SmartStream databases. Microsoft provides the option of setting this at the database server level, or at the database level; this functionality must be allowed at the database level as a minimum. Refer to Solution **523701** on Answerlink for additional information on setting this option and symptoms that will be encountered if not set properly.

For additional information about running SmartStream with Microsoft SQL Server 2000, refer to Bulletin Board topic 276355 - [\*Microsoft SQL Server 2000 - Frequently Asked Questions\*](#).

There are several migration paths you can take in order to begin running SmartStream 6.5.03 on a Microsoft SQL Server 2000 platform.

### A Migrating from Sybase to Microsoft SQL Server

If you are converting from a Sybase database server to Microsoft SQL Server 2000, the only additional requirement you need to adhere to is that SmartStream must be at the 6.5.03 release level on your Microsoft SQL Server installation. Refer to the SmartStream 6.5 Installation Guide for additional details on installing SmartStream in a Microsoft environment.

### A Upgrading SmartStream 6.0.03 and Microsoft SQL Server

If you are currently on SmartStream 6.0.03 which supports Microsoft SQL Server Release 6.5, you must install Microsoft SQL Server Release 2000 on a separate server, install SmartStream 6.5.03 in that SQL 2000 environment, and then execute a traditional SmartStream migration from your SmartStream 6.0.03 environment to your new SmartStream 6.5.03 environment.

Remember that SmartStream will only support upgrading to Microsoft SQL Server 2000 in a SmartStream 6.5 Service Pack 3 and above release level.

## **A** Upgrading SmartStream 6.5 and Microsoft SQL Server

If you have already migrated SmartStream to the 6.5 release level, you have two options for upgrading Microsoft SQL Server to the 2000 release:

### **A** Install Microsoft SQL Server Release 2000 To a New Server

In this scenario, you will need to apply SmartStream Service Pack 3 to your SQL Server Release 7.0 SmartStream installation, and install SmartStream 6.5.03 to your new SQL Server Release 2000 installation. From that point, you can then execute a SmartStream same-to-same migration from your SQL 7.0 installation to your SmartStream SQL 2000 installation.

### **A** Run the Microsoft SQL Server Upgrade Wizard

You can use Microsoft's Upgrade Wizard to upgrade an existing SQL Server 7.0 installation to the new SQL Server 2000 release level.

**Caution:** After you perform this version upgrade, the SQL Server 7.0 installation no longer exists on your computer. The only way to restore an installation of SQL Server 7.0 is to first uninstall SQL Server 2000, perform a complete reinstall of SQL Server 7.0 files, and then restore your SQL Server 7.0 databases from a backup. Make sure you have a reliable backup of your SmartStream databases prior to beginning this process.

You can overwrite an installation of Microsoft SQL Server version 7.0 with a version upgrade to Microsoft SQL Server 2000. If SQL Server 7.0 is detected as an existing installation when you run Setup, you can choose the option to upgrade. In this process, all the SQL Server 7.0 program files are upgraded, and all data stored in SQL Server 7.0 databases is preserved. In addition, SQL Server Books Online for SQL Server 7.0 remains on your computer.

**Note:** SQL Server 7.0 profiler traces and registered servers are not upgraded when SQL Server 7.0 tools are upgraded to SQL Server 2000.

After you upgrade an existing database server from SQL Server 7.0 to SQL Server 2000, you have to prepare the SmartStream databases to run properly on SQL 2000. The SmartStream database preparation will take about the same amount of time it took to load the SmartStream databases during the original SmartStream database create and load process. If all SmartStream products are licensed, the process should take about 1 hour.

To complete the SmartStream database preparation execute the following steps:

- Run the DBTool.exe program located in the DBMS folder of your SmartStream 6.5.03 file server image. The Geac SmartStream DB Tool 1.0 window will be displayed.
- In the Environment section, choose the SQL Server 2000 file server location for the environment to be updated from the dropdown list box.

- In the Database Server section, enter sa and the sa password for the database server displayed.
- In the Operation section, choose **Update Statistics and Recompile Views, Stored Procedures, and Triggers** from the dropdown list box.
- Click the Process button to initiate the SmartStream database preparation. During the database preparation, progress indicator boxes will appear as the different SmartStream databases are updated.
- When the database preparation process is complete, the DB Tool Success Report window will be displayed. Review this report and click on OK when complete.
- Click Exit. The SmartStream database preparation is now complete.

## **A SmartStream Migration and Upgrade in Place Considerations**

Prior to installing Service Pack 3, you must install Service Pack 1 solution 221217, solution 180119 (all customers), solution 173132 (Funds Control customers only), solution 165213 (Human Resources customers only), and Service Pack 2 solution 262253. This Service Pack (solution 478450) and some of its pre-requisites require migration of data in order to accommodate changes to table definitions. In order to facilitate a smoother, more efficient migration to the current release level for SmartStream 6.5.03, we have outlined the following recommendations.

- If you **have not** already migrated your data from SmartStream 6.0.03 to 6.5, refer to AnswerLink Bulletin Board Topic 276230 - 6.5.03 Migration Roadmap for instructions.

If you **have** already migrated your data from SmartStream 6.0.03 to 6.5:

- Install Service Pack 1 solution 221217, if not already installed.
- Install post Service Pack 1 solutions 180119 and 173132, if not already installed.
- Install Service Pack 2 solutions 262253, if not already installed.
- Install the following **optional** solutions. If these solutions are not installed prior to installing 478450 Service Pack 3, the service pack installation process will automatically install these solutions first before installing Service Pack 3.
  - 480448 Common Cumulative Solution
  - 379341 Financials and Procurement Solution
  - 483443 Receivables Billing Integration Solution
- Install Service Pack 3 solution 478450.
- Install all needed solutions from the 6.5.03 Critical Issues List on AnswerLink Bulletin Board topic 276227.

## **A** Application Considerations

### **A** HR Considerations

HR Year-End Tax and Regulatory changes will be provided for release 6.5.03 only. Therefore, Service Pack 3 must be applied before year-end for Payroll processing.

### **A** Active Access Application Considerations

SmartStream 6.5.03 Service Pack 3 must be installed prior to installing the new releases of Benefits Enrollment 2.0 and Employee Self-Service 1.3. Service Pack 3 provides the back-office updates to SmartStream that are required in order to support the new releases of these Active Access products.

# Appendix A Solutions Addressed

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## **A** Overview

The following is a preliminary list of solutions currently slated for inclusion in SmartStream 6.5.03 Service Pack 3 (478450). The final listing of solutions addressed in this service pack will be located in the Solution 478450 on Doclink under SmartStream 6.5, Service Packs and Solutions.

**A Allocations**

Solution	Short Description
520996	Not able to save Allocation Pool Definition using only "OR" Connectors

## **A** Asset Management

<b>Solution</b>	<b>Short Description</b>
20724	* AM - Property Account Retirements do not show correctly in Reserve Summary
246214	Capturing initial GST ITC in year of acquisition
445413	AM: Group security is overriding user data control security for Retirement Reversal
513477	Net Book Value (NBV) on Asset Book Amounts window not using Associated Addl Depr Table
520542	Adding Additional Depr Table to an Asset does not trigger the Addl Depr Annual Recalc.
520632	U.S. Tax ADR reference Retirement may generate incorrect salvage error ffa0042095
520945	Transfer validations in intra-entity transfers do not validate user fileds
520976	Additional Depreciation Annual not calculated when Actual Depr Method is Percentage Table
520977	Provide Error Msg when adding CCA regulation for NON-Reference status
521007	Autogeneration of Asset ID limited to 20 attempts - Increase to 100 attempts
521258	MACRS Reference Asset Retirement generates Vendor Error 8144 "too many arugments....
522597	FFA Reserve Summary Query linked to the FFA Cost Summary Query for manual Open
522666	ffacamnt generating error: ffa0042998 There is not enough memory to hold all company information.
522766	AltMin and ACE Report maybe incorrect for assets with additional depr if running before year-end

522784	Changing asset to CCA & Reference should not be allowed without Property Account ID.
523126	3090 additional depr tbl ID should generate error if added to an existing Used asset.
523136	Rounding Errors on the Alternative Minimum Tax (AMT) report
523463	Retirement of an Out of Service Asset Beginning of period with daily allocation results in error
523489	Error during 6.5.02 migration due to "Invalid bcp file" on sammf47e.bcp.
523607	R6.5.02 Migration issue for sammfrse.bcp
523852	Cost Adjustments to Negative Asset creates a 4 decimal cost, current, YTD, LTD, GL amounts

## A Benefits

Solution	Short Description
240247	hbn - Claim: submitted for name not saved when Self
267513	hbn - Workbench: incorrect version for pay element gets stop date
443405	hbn - Benefit Plan Option: inquiry only security allows stopping option, changing start date
519481	hbn - Plan/Option: date format m/d/yyyy displays end date as 12/31/2029
520600	Enhance SmartStream Benefits base to accomodate Acitve Access Life & Work Events
520941	Participant Workbench:Wrong version of emp_pay_element gets stop date when option is stopped
521145	hbn: delete ben plan termination status does not delete employee pay element stop date
522678	Participant Workbench: receive hbn30428 enrolling rehire when hire date not used for eligibility
523706	hbn: terminate employee deletes information in benefit plans

**A**Billing

Solution	Short Description
522478	Deleting and re-adding a unit price causing problems
522481	Clicking on Cancel when printing gives a wrong message
522543	Revenue Recognition Posting Summary - Incorrect journal status description
522544	Browse on Billing Document Print activity should show status description
522545	Help Tag incorrect for activity Revenue Recognition Posting Summary
522546	Billing Control Group - document amounts should display with correct decimals
522625	Billing Control Group - Document category displayed incorrectly
522630	Item Browse on Sales Item Kit Cross Reference
522683	procgnt.gen : File open failed while running setup.exe from udak directory for billing
522724	Billing Customer Ship-To Address: Blank Ship-To codes are not rejected
522740	File Open Parameters browse on File Open ID bltm gets error message pam0183

**A Common - General**

<b>Solution</b>	<b>Short Description</b>
29487	* All default Acctg Dist windows - getting abends doing accounting key browse
216196	Payable Request archive/purge - perf problem using Payable Entity selection criteria field.
345391	Vendor Earnings and Withholdings Help is missing Puerto Rico Withholding Tax
494457	Fbkbatch retains valid data on bank_trans table.
502467	Create vendor_history records for batch loaded vendors that were loaded prior to solution 27140.
521118	Cvn60313 error generated in vendor load for VPNY transaction when column 32 is blank.
521139	Enterprise Policy activity has problems in the French and Spanish language kits.

## **A** Credit Management

<b>Solution</b>	<b>Short Description</b>
341387	Credit Account Contact - File Open search by Status Code shows no values in drop-down list
520592	fcdun32.mdb does not close down after running the 'Dunning Letter Print' via job scheduler
522727	Credit Account Activity: Address format changes doesnt update Country Code on General Info view
523360	Credit Account Snapshot window will shut down SmartStream in the Citrix Environment

**A Consolidations**

Solution	Short Description
258227	Consolidation Trial Balance Structure Browser Returns Wrong Error Message
344349	Consolidations Posting Request allows entity which violates security access

## **A** Funds Control

<b>Solution</b>	<b>Short Description</b>
131127	Funds Control Balance activity: Account descriptions 1 and 2 requested
173210	Performance During the Save of an Archive and Purge Request
503471	Performance Enhancements for Archive/Purge for Funds Control
520769	Fund Arithmetic overflow converting int to smallint when releasing budget balances
521066	Funds checking DLL fails in a non English environment
521363	After installing Version 6.5.02 problems with the sort order of accounts on Funds Control Workbench



Solution	Short Description
12492	Use Windows Cut/Paste in Unposted Journals Activity to copy lines
14244	Enhancement : Add browse ability for templates on " Create Journal Using ... "
20762	wants ability to delete multiple completed processes
21727	Voucher number not being generated for uploaded journals
28604	Unclear message when creating journals from sub-ledgers without proper security
30071	Users able to 'Review Approval Status' when key values not filled in.
170149	Revaluation messages for French language kit display in English
179128	Account Type change not resetting ldr_amt_0 when auditing is turned on
193171	Enhancement - Have Ledger Load (fglc0920) Check for Duplicate Posted Journal
201288	Ledger Balancing Accounts errors when using certain Activity Security setups
207255	Enhancements to File Open and Filter in Posted Journal Balance
267717	ADD VALIDATION OF CHART OF ACCOUNTS FOR UPLOADED JOURNALS
267824	Increase values for time-out interval in help text
268692	Ledger Balance Detail report is not displaying all posted journals.
328290	Impact of accounting element sizes on delivered Microsoft Access Ledger reporting.

344331	When editing a journal on the unposted journal activity it does not validate against posted journals
481448	Fgl32.mdb produces error in XP platform
512486	When Rechecking Funds on an Approved Journal, the Journal Status returns to Pending Approval status
516496	Ledger Posting abends in AIX - trace shows error "Connection died." after fsp_check_version
517476	3rd and 4th decimal places missing on the bcp file when exporting table during migration process
518492	Fglc0920 program issues fglc0920.err instead of a file named {requestID}.ERR
518493	Cursor not defaulting to Entity after saving Chart of Account Record
519486	Ledger load missing message fgl28282
520631	Online posting allows selection of Incomplete journals which causes error during posting
520642	Unposted journals loaded with status of Incomplete
520735	Miscellaneous field is not included in Posted Journal Detail report
520785	Errors with the repeating journals creating reversals using Specific Date as Accrual Reversal Option
520807	Like the ability to use Balance, Volume and Equity account types in Ledger
520812	Account Balance Maintenance changes date_last_posted to 01/01/1900
520835	fglc0900.exe returns error code 5 on receipt accrual posting job
520848	Total on Posted Journal Balance window incorrect when using 2 amt classes with almost the same name.
520944	fglc0930 program fails with data conversion error messages

521015	Account Balance Inquiry receiving # ERROR when trying to print Account Posted Journal Detail
521079	The fg1c0910 job (Ledger Maintenance) is hanging and sp_who is showing blocked processes
521096	Reversing-repeating journal allows specific reversal date less than repeating end date
521119	Single Curr, Enterprise only-Array Ref error when zoom from COA to the Account Balance Activity
521305	MS SQL 7.0 Service Pack 4: Performance degradation on Account Balance List and Budget Balance List
521489	Receipt Accruals that fail during the Ledger Posting are not reversed in the Payables subledger.
521576	Arithmetic overflow occurred when creating accounts (autogen, during posting, or manual)
522270	ADB amounts not rolling correctly in the eff_bal_amt and eff_aggr_amt - date issue
522355	Users experience slow processing when drilling down from Ledger summarized journals to Payroll detail
522614	Receiving error fje30893 that suspense account is inactive when trying to post to ledger
522911	After Sol 21727, voucher number edits applied to templates incorrectly
522921	After Solution 512486, journals may go to complete without being approved when FC used
523139	Journal entry for non ADB entity is editing based on Value Date
523198	Create Journal Using Template produces Data Column type error if all key fields not populated
523381	Receive SystemError in Unposted Journal Approval Status or in Review Approval Status in Unposted Jnl
523383	fgl32.mdb Posted Journal Summary error - MS Access can't find the macro '.'

**Solutions Addressed**

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523494	ADB Batch process running slower after migrating 6.0.01 to 6.5.02 in Sybase
523726	When approving journals only 500 rows of a large journal will end up in funds control

## **A** Payables

<b>Solution</b>	<b>Short Description</b>
255246	Enhancement: Add Legal Name field to the Regulatory Earnings and Withholding Report.
279262	ACH file should have a blocking factor of 10.
304318	Invoice date with extra separator causes problems.
325428	A paid invoice can be deleted.
451411	Invoice control group can be deleted when there are still invoices linked to it.
496456	Last Available Payment Reference Number in a range is dropped when creating Payables checks.
510474	Payables Trial Balance by Ledger Distribution Payment Date and Accrual Effective Date Reversed
520708	705 Addendum Record for CCD and PPD ACH file formats needs to be added.
520802	Document Attachment at Invoice Approval deactivated after window is Refreshed.
520917	Issue Cancelling a Partial Payment paid partially - on Sybase only.
521022	267266uf.sql: file open failed message running Load process for Spanish language
521042	Standard Payables Balancing Reports do not have subtotals by Currency code.
521060	When using CheckDocument-Printfile, total from previous check is being added to total of next check.
521071	Compile error in the Payables Balancing Reports - fapbal32.mdb
521080	When trying to resequence checks, an error initializing ffc1000_nvuo_funds_check is received.

521140	The Total Report Payments fields of the Total Payments Detail report mixes currencies.
521581	When using a new Ledger Entity, Trial Balance By Ledger Distribution report doesn't display Invoices
522324	fapbal32.mdb - pcf90560 - error number 94 in program function PreviewWasPushed Invalid use of Null
522430	Provide the ability to perform Cash Settlement of Credit Memos
522431	Add the ability to view, analyse vendor Payables totals and to drill down from totals to documents
522486	fpyc0400.exe hangs when paying 1099 Invoice where Vendor is set to Hold Payment when no Tax ID
522733	Split Accounting Distribution is not using the full 6 decimals places when calculating the amounts.
522782	Payables Balancing Reports time out with error pcf90560 - error number 3146...ODBC-call failed.
523499	1099 Regulatory Earnings and Withholding Vendor Address may be incorrect.
523723	No data is returned when running the Payment Clearance Exceptions report. ( fbkact32.mdb )



Solution	Short Description
30038	hpy: Employee Payment Pay Transaction Performance Issue in 6.0
30530	The total page of the processing report is not appearing for Fed 1099-R form and tape
131395	PR, VI and GU W2 form return code = 6 when run with other tax authorities
172184	Online Check will not update YTD if first and subsequent payments are online.
176193	W-2: provide pressure sealed format for W-2 or an 11 X 14 format
267330	hpy: Disbursals program does not properly rollback when certain errors are encountered
310317	Problems with selecting FR Processing Report Language on File Print and Delete Report response
312294	Enable marital status for Massachusetts on Employee US Tax Authority
325293	Canadian addresses CA5 should use the Country Code entered
328309	W-2 for US Territories-Get Return Code 6 when Form Format other than 400 is selected
328316	W-2 Form: When Taxable minus Pay Element is less than zero only get hpy0000074 message
336290	T4 laser form - Business Number (Box 54) should not print on employee copies of form
336291	T4 laser form - ability to produce employer copy and federal copy
337299	Federal W-2 form - add ability to show "agent for" information in box c when applicable
338303	Federal MMREF tape changes to remove common paymaster

	reference
345405	hpy - Compute: does not credit SUI weeks worked when only earning is SUI exempt
346328	Modify total records on W2 MMREF-1 state standard, MA and IN formats per specifications
381341	Employee Payment Archive\Purge:Need additional warning message when not all payments qualify
393369	Pay Element:Need additional Canadian Taxability for RPP/RRSP Contributions
394361	hpy: Pay Transaction process doesn't issue error when saving pay trans with invalid position/job
405365	ROE 'Audit Only' Run Type does not process by entity
405366	Report Scheduler error message hpy0003221 for W-2 Federal Tape should only be for Transmitter
405367	Local Tax Detail Report numbers are formatted incorrectly on the Regulatory Processing Rept.
410369	Compute:Get hpy0001790 error on employees transferred with no CPP contributions
421388	hpy: Remove processing language from Report Scheduler File Print response window
422383	Payroll Register-Pay Element and Tax Totals not by Pay Group
424397	hpy: action 'copy entries from spreadsheet' overwrites existing version entries
425393	hpy: arrears not reduced for pretax deduction
430390	HR - build file for one of the tables
432399	hpy: ROE prepare issues error message hpn50528
439403	View and Action Security:Missing Employee Canadian Tax Authority from activity selection
439404	Employee Canadian Tax Authority>User with Inquire Only permissions can perform Actions

439406	hpy - Online Payment: hpy0002654 when userid exceeds 9 characters
439420	hpy - Retropay: generate retro pay trans blocks itself
440400	hpy - Compute: pay element not calculated when aggregate reaches limit in current pay period
440401	Employee Online Payment: Get hpy0002924 or hpy0002927 error
440405	Compute is receiving return code 4 when all subprograms receive rc= 0 on Sun Syb
441405	Report Scheduler: Print files are not available to be printed
441406	Report Scheduler: Get hpn50555 error even though Report Sections have been defined
445408	Employee Pay Element Accumulator: Adjusting Canadian Taxes can give unpredictable results
445410	hpy: offline_payroll_err_message table contains incorrect process start time
447406	hpy - Emp US Tax Auth - Window hangs and SmartStream becomes unstable in Sybase NT.
447416	Vendor Error 2812 missing stored procedures after install from fso
451415	Duplicate detail lines when multiple employers have same run type and total with wrong detail
461427	hpy: error message hpnxxx111 when using 'Print Report' action on Report Scheduler for ROE
476440	W-2 territory forms have incorrect format on MSSQL Server.
478459	hpy - Online Payment: online compute does not recognize overridden check date
478461	hpy - Online Payment/Compute: can't pay for period between disbursal and pay period end dates
480446	HRPAY32.mdb-U.S. Net Payroll and Tax Deposit Report on Windows 98 results in error number 2486

485446	HPY0001790 Error in Compute for a Pay Element with Limit and Other Cycle Type
494458	hpy: state tax accumulator sui weeks worked not updated above 12
499463	hpy: generate retro pay transactions issues return code 4
499464	hpy - Payment History: cannot scroll through payments when reversal is included
508482	hpy - Employee Tax Authority: not setting complete for payroll indicator for NY/NJ combination
508483	hpy - Tax Accumulators: multiple adjustments to the same tax uses last value, not sum
518494	hpy - Processing Sequence: cannot add deduction processing group with different process type
520545	Payroll Processing Sequence: move TAXLEVY in example to after #TAKETAX
520609	hpy - Compute: calculates LIT when no state wages from pay transaction tax authority overrides
520619	Employee Online Payment: Vendor error after entering Employee ID, Payroll Run Type and Pay Period
520663	Employee Payment: Manual for status process pay trans uses scheduled and entered deduction amount
520815	hpy - Balance Summary: out of balance when unpaid employees on non-regular run
520905	hbn: Terminate action deletes benefit plan information for plan requiring reenrollment
520992	T4 and T4A: New Canadian Tax Authority for Newfoundland and Labrador (NL)
521006	hpy - Employee Pay Element: hpn26097 adding a pay element earlier than hire date
521029	Extract: Policy Load Failure on Off-cycle Payroll Run Control that includes Adjustment from Transfer

521335	hpy: EI tax refunding \$.01 after transfer with carry forward
521381	hpy - Compute: deduction the same amount of gross-up gives hpy0003155
521393	hpy - T4: prorates taxable benefit when employee had none for that tax entity
521464	Payroll Run Control:Only able to save 50 characters in the Disbursal Message field
521475	Employee Pay Element Accumulator:List Accumulators can produce error with multiple versions/language
522250	hpy: timeout parameter in hpybatch.ini is not functioning as designed
522267	hpy: employee pay element accumulator list action fail
522289	Optimization of Payroll Register (US & CAN) after solution 479442
522295	hpy: run time error 3251 producing U.S. payroll register from hrpay32.mdb
522312	hpy - ROE: box 15A shows total hours, not the number associated with the 15B earnings
522314	Payroll Run Type and Schedule:Tax Method of Flat Percent - Special Formula should be Special Formula
522327	hpn: hiring requisition comments box not visible
522463	HRPAY32.mdb:After applying 479442, when RPTPAY step is processed, scheduled reports do not print
522464	hrpay32.mdb:After applying 479442, can get "error number 2451 in program function FormatPageNumber"
522492	hrpay32.mdb:Can get Microsoft Access encountered error number 2475 in program function...
522497	Payroll Balance Detail Report:Run-time error 3251 when Payroll Run Control is - In Balance -
522524	hpy - Compute: allows limit to be exceeded when entering deduction on pay transaction

522596	Employee US Tax Authority:For tax authorities that have Marital Status disabled, numbers are display
522674	Local tax authorities entered on the same pay transaction must be defined in policy for same state
522699	hpy - Employee Pay Element: future towards the limit not displayed
522816	hpy - Net Payroll and Tax Deposit: net payroll deposit/net amount in payroll analysis 0 when printed
522837	hpy: employee online payment for pay transaction required employee calculates incorrectly
522840	hpy: adjust accumulator action for Canadian taxes produces unpredictable results
522841	hpy: payroll register not recognizing sort order
522891	Access Hangs when attempting to save Payroll Report Definition
523002	Compute:Local Taxable Earnings can be incorrect when Non Cash and Pre Tax Deductions are included
523014	Canadian Payroll Register:After applying 479442, the tax type descriptions do not appear
523091	Employee Canadian Tax Authority:Date Employees Last Updated is not being updated
523123	hpy: re-activating employee pay element inserts stop date of 12/31/2029
523157	hpy: autopay calculated incorrectly when employee has future termination and multiple assignments
523257	hpy - Compute: local taxable wages incorrect when noncash earnings nontaxable for local only
523261	hpy: employee online payment issues error "Function doesn't return value"
523319	Employee Online Payment:Get hpy0002927 on manual check where assignment ends before end date
523363	hpy - State Quarterly: selecting all entities gives use-report error

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523411	hrpay32.mdb:Payroll Register does not print Disbursal # and Net when no tax details available
523475	hpy: autopay pay element calculated incorrectly using Employee Online Payment
523477	State Quarterly Tape:Can get hpy0000048 with multiple entities & all states selected
523495	hpy -- update accumulators job returns code 0 when an error has occurred
523498	hpy: Update accumulators job does not appear to completely roll back when an abend occurs
523552	hpy: Update offcycle payments action taking too long
523597	hpy - Compute: negative pay transactions does not reduce taxable wages
523609	hpy: poll.err file fills up with stored procedure calls from update accumulators job
523696	hpy - Net Payroll/Tax Deposit: reimbursements are not printed when only payment

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**A** Personnel

Solution	Short Description
175140	Military View briefly displays before basic View 1 in Employee Personal Activity
201174	Unable to delete state code or type when address is removed from Employee Name & Address
204206	hpn - Dependents: can't add dependents when chgstamp reaches 32767
239225	hpy - Pay Element: error 7211; also Employee PE, Participant Workbench
291255	Need tab order changed on Employee Name and Address/Employee Dependents and Contacts addr activity
390358	hpn-Emp Assignment - Cannot update/correct org unit in emp assignment after Position chged org uni
422384	hpn: vendor error when transferring employee with inactive province
432393	hpn - View/Action Security: unable to secure Base Salary and Schedule
433400	hpn - Status: allowed to delete termination date from Revise Employee Termination
451418	hpn - Status: terminating manager puts wrong start date on updated employee distribution
451427	Ability to automatically generate Hiring Requisition numbers
462431	Location:User with Inquire Only permissions can change data
467433	hpn: date format dd-mmm-yyyy causes error hpn26140
468440	hpn - Employee Affiliation: can't add with inquiry only for affiliation
470436	hpn: pcf00043 'invalid date' error when entering begin date on Position or Job

470437	hpn: delete version in employee employment causes divide by zero error
508485	hpn - Employee Affiliation: vendor error deleting affiliation (hsp_del_hiaf_indaff)
520535	hpn - Position: version not deleted when date format dd/mm/yyyy
520538	hpn - HAS Incident: abend when inquiry only
520702	During export from 6.0.3 received error "invalid column name"
520756	Received 'invalid object' error during import; error in grants.sql for hrac
520774	VETS-100:After applying Solution 506472 and running a Consolidated report type, get sic popup window
521073	hpn - EEO-1/VETS-100: increase maximum number of establishments to 500
521082	VETS-100:Number of Employees and New Hires when multiple versions of employee assignments
521141	hpn - Name/Address: after 350313 get vendor error removing address type
521370	hpn - Assignment: reinstating assignment gives pcf00096 for reason code
521449	Employee Status:Receive hpn26320 when employee has effective assignment day later than manager term
522332	hpn: change reason code desc and variance type desc not displayed on Hiring Requisition activity
522377	Skill Search-Application:Does not populate applicant display name
522473	Employee Assignment:Audit table is not updated when deleting end dates
522502	Inconsistency in Training Course Field Length on Training Course and Training Class Costs
522586	Employee Review:Can receive error message when closing the

## Solutions Addressed

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	window
522722	Employee Dependents and Contacts: The word Address appears in the far right of the Basic view
523285	hsm: Update employee assignment with new rate table code not recognizing standard hours worked
523505	hpn: list hiring requisition on Application not functioning correctly
523736	hpn - Employee/Applicant Affiliation: inquiry only security does not allow name search
523739	hpn - Employment: transfer effective 1/1 does not create ltd adjustment

**A** Projects

Solution	Short Description
23942	Enhancement - Save grid changes in Project Balance Inquiry window
522384	Unposted projects journals window allows users to post incorrect amounts to ledger
522581	Unable to clear out a udak element with a C3 transaction
522863	Projects posting (fpjc7000.exe) hangs
523598	Correcting a balance transaction error through a to-do gives error message and SS closes.
523778	Cannot run Projects Allocations fpac4900 job.

## A Purchasing

Solution	Short Description
23948	Automatically copy requisition comments to PO comments
27619	Search by Vendor Operating Name
267353	STE - SmartStream Purchasing faxing 3rd party vendors
267880	Icon not displaying properly on Purchase Order Comments window
275313	Problem printing EDI purchase orders via job scheduler and purchasing reports
405368	Eliminate the ARPC call made in mpoc0030 as it can cause deadlocks
512484	purchase_order_line_sched_atl1 index not added when running upgrade in place for to 6.5.02
520923	Performance problem in Payables and Purchasing when using single Purchasing site.
520928	mpoc0030 process issues syntax error when vendor name has apostrophe followed by comma
521051	Purchase Order - Invalid DataWindow row/column specified - mpo0100_po_document - retrieve_document
521526	msh_del_rqas_all stored procedure not found when saving requisition
521562	Change orders are labeled as Cancel orders when printed after a cancel order.
522501	Incorrect purchase Order status when saving a purchase order with no line
522359	Error converting type varchar to type numeric when saving a purchase order
523022	Error in mpoc0600 - po load - for table family oohm

## A Receivables

Solution	Short Description
472431	Credit Management Account: status PENDING and REJECTED is ignored when using on Receivable Account
478437	Receivable documents loaded as incomplete have no error handling option on jrnl ctrl when posted
478456	Error returned when saving receivable document write off and no reason entered
481461	Adding a receivable document with a blank (space) in the recv_doc_id gives unpredictable results
493454	Remittance balancing lists deposit clearance jrnl and some remittance clearance jrnl as missing
511471	Add order by in farpbt05.sp
518481	RRLN Transactions stored procedure is adding a value in a udak field that is not used
520809	Visual Basic Error when reviewing last page of Receivable Account Statements
520876	Creating document deduction on credit transaction - browse not available
522288	remittance allocation passes the wrong parameters to the currency conversion stored procedure
522400	Return code 5 from farc0101 with duplicate RRLT records
522494	Running farc2000 receiving DBMS message 515, state 3, severity 16, Attempt to insert NULL value
522515	Return code 5 from farc5024 when running unix version of the program
522649	No date validation when deposits are saved without remittances.
522693	The Comment ICON doesn't show up when you redisplay the comment view window

**Solutions Addressed**

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523599	Null (1/1/1900) date causes Remittance Allocation Eff Date pop up window to bypass save of new date
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**A** Receiving

<b>Solution</b>	<b>Short Description</b>
519500	Receiving Window errors with MDS20019
520566	Wrong unit of measure defaulting on Return activity
521443	Return amount not defaulting to Return window lines without cursor manipulation
522804	Invalid Datawindow row/column specified when saving a Return
523372	New alt index on sched_rcpt_detail for shipment reference number-Receipt Maintenance performance

**A SmartStream**

Solution	Short Description
22327	Customer would like the Mail Gateway to be a Service on NT
30555	When applying a solution, the password for the administrator is VISIBLE
267854	Database error when user id > 17 characters
310282	No error message when doc attachment has been deleted from network
322332	File open error on Search value using security group id with a long name.
345394	Modify the Patch Apply Process to automatically update NT Job Servers such as is done with UNIX.
403375	Request of Batch-job processing of Smartstream to be changed to use smtp type address
512473	Patch Process should confirm environment being patched when applied to a single-server environment
520940	Migration gets duplicate insert error in family wact. Upgrade in Place will miss data updates.
521263	Enhancement - SQL 2000 database upgrade
522396	Date & timestamps are not preserved on files pushed to UNIX Job Servers
522984	SmartStream Security Enhancements
523357	Add functionality to job server programs to use ODBC and CTLIB for SQL connections
523778	Cannot run some processes in MSSQL 2000 due to char vs varchar stored proc definitions

**A SmartStream Builder**

Solution	Short Description
201356	Activity Definition activity no longer allows the user to enter command line of length more than 80

**A SmartStream Map**

Solution	Short Description
516498	hsm - Assignment: period salary not calculated correctly when different from standard
519478	hsm - Enrollment: changing values with new effective date does not create new version

## **A**Supplies Management

<b>Solution</b>	<b>Short Description</b>
504466	Cannot print picklist with auto pick/no backorders and multiple bins where first has on hand = zero
520969	Replenishment, mimc3030, running long after applying service pack 2
521272	Error when change item usage from SE to STocked when cost by site with on hand quantity
523140	Reorder Tolerance on Replenishment Groups not working properly
523827	Return Code 5 running Journal Creation
523836	Empty Site box on Ledger Posting Request using Cost Mgnt Source

**SmartStream®**

*Financials and Procurement Cumulative Solution 524364*

Release 6.5.03  
December 2003

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## About Solution 524364

### Installation Documentation

Before beginning the installation for the Financials and Procurement Cumulative 524364:

- Review the SmartStream Solution 524364 on AnswerLink for important information about this cumulative.
- Review this document, including the Special Instructions under Product Details for each product you have installed, **before** applying this cumulative.
- Review the [Applying Service Packs and Solutions](#) document for general information about the cumulative installation process.

### Installation Prerequisites

To install Solution 524364, you must have the following solution prerequisites installed:

- **Service Pack 1** - Solution 221217: If you do not have this service pack currently installed, see [Solution 221217](#) for details.
- **Solution 173132** for Funds Control Only: If you do not have this solution currently installed, see the documentation attached to this solution on AnswerLink for details.
- **Solution 180119** for Payables, Purchasing, and Shared Components: If you do not have this solution currently installed, see the documentation attached to this solution on AnswerLink for details.

- **Service Pack 2** - Solution 262253: If you do not have this service pack currently installed, see [Solution 262253](#) for details.
- **Financials and Procurement Cumulative 379341**: If you do not have this cumulative currently installed, see [Solution 379341](#) for details. Note that this cumulative is also delivered with the Service Pack 3 installation. If it is not already installed, it is automatically installed with Service Pack 3. Although the Cumulative 379341 is automatically installed with Service Pack 3, the documentation for Cumulative 379341 is not included in the Service Pack 3 documentation. Review the Cumulative 379341 documentation for details about this cumulative.
- **Service Pack 3 - Solution 478450**: If you do not have this service pack currently installed, see [Solution 478450](#) for details.

The following solutions are prerequisites for this cumulative and are delivered with the Financials and Procurement Cumulative 524364 Installation. If these solutions are not already applied, they are applied automatically when you apply the Financials and Procurement Cumulative:

- **Solution 522462** - Receivables Reversal of Failed Remittance Enhancement: This solution contains updates to tables that can take an extended amount of time to migrated depending on how much data you have in the updated tables. For more information, see the documentation attached to this solution on AnswerLink. It is recommended that you install this solution separately before installing the Financials and Procurement Cumulative.
- **Solution 529707**: See the documentation attached to this solution on AnswerLink for details.
- **Common Components Solution 526076**: Details about this solution are included in this document.
- **Solution 529749**: See the documentation attached to this solution on AnswerLink for details.

### Feedback on the Cumulative Process

As you review this documentation and install this cumulative, if you have any suggestions or comments regarding ways we can improve our Cumulative and Service Pack delivery process, we want to hear from you! Send an email to SmartStream Customer Support at [SmartStreamFeedback@geac.com](mailto:SmartStreamFeedback@geac.com) with your feedback.

Please do not use this facility to report errors or to ask specific questions regarding this cumulative. This forum is intended only as a mechanism to provide feedback to Geac for future improvements to our process. For specific questions or errors with the cumulative, please open a case in AnswerLink.

## Special Installation Instructions

### Potential Date Mismatch Errors

When applying the Financials and Procurement Cumulative 524364, you might receive date mismatch errors during the initial steps of installation. This generally occurs if an individual solution has been installed on your SmartStream 6.5.03 release that was corrected after the Cumulative was made generally available in December 2003 and the individual solution contained objects that were also included in the Cumulative.

If you receive date mismatch errors, you need to

- See [Troubleshooting](#) table in the Continue Common Solution Processing section of the *Applying Service Packs and Solutions* document for instructions for temporarily bypassing the date mismatches.
- Review the RESAPPLY.TXT file on your file server image to identify all individual solutions that were installed after the installation of Service Pack 3 (478450).
- Review the documentation for Cumulative 524364 to see if these solutions were included in the cumulative.
- If any individual solutions were applied after Service Pack 3 and they are not included in the Cumulative 524364, review the solutions on AnswerLink to check for newer versions of the individual solutions that you can apply after the Cumulative 524364 is installed. If you do not find newer versions of the individual solutions, contact SmartStream Customer Support for assistance.

### Server Logon Prompt

Because this cumulative may update the master database, you must use the **sa** logon and password whenever the Solution Delivery program prompts for a server logon.

### Sybase Row-Level Locking

Because this cumulative contains an update to one or more tables that will require the execution of the bulk copy program utility (bcp) to preserve existing data, you must verify whether row-level locking is enabled on the affected table before applying this cumulative. If row-level locking is in use, reset the lock scheme from row-level to page level using the alter table command. Also, drop and recreate any associated triggers for the table. After the cumulative is successfully applied, reinstate row-level locking, and drop and recreate the triggers again.

For more information, see the *Applying Service Packs and Solution* documentation. To identify the tables that will be updated by this solution, see the Special Instructions heading in the Product Details section for each product.

### Microsoft Access Considerations

All products delivering Microsoft Access MDB changes in this cumulative deliver these changes in a separate solution MDB file. These files are used by the Access solution utility (dbpush32.mdb) to copy the updated Access components from the solution MDB replacing the objects in the application MDB. For this cumulative, this file is 653MMMMMM.mdb, where *MMMMMM* identifies the product family and language.

Before applying this cumulative, you must apply the solution MDB files from Service Pack 3 (Solution 478450), Service Pack 2 (Solution 262253), and Service Pack 1 (Solution 221217) as the cumulative MDBs do not contain the changes included with these service packs. The solution MDB files from the service packs are named as follows:

For SmartStream 6.5...	This is the name of solution MDB files...
Service Pack 1	650MMMMMM.mdb
Service Pack 2	651MMMMMM.mdb
Service Pack 3	652MMMMMM.mdb

Please note that you should apply the solution MDB to a version of the application MDB that has not been customized for your UDAK key yet. Otherwise, you will receive the error "3265 Item not found in this collection".

For more information about the Access solution utility, see the Update Reporting .mdb Files section of the *Applying Service Packs and Solutions* document on DocLink.

### User-Defined Accounting Key Considerations

After successfully loading this cumulative, you must apply PowerBuilder changes to the user-defined accounting key data windows if you have the following products installed:

- Assets Management
- Consolidations
- Funds Control
- Ledger

For more information, see the procedures in the Apply Updates to the User-Defined Accounting Key section of the *Applying Service Packs and Solutions* document on DocLink.

### Cumulative Installation Utility

To start the cumulative installation process, you must run the setup.exe from the Install CD or the folder into which you downloaded the cumulative files. Do not run the setup.exe from the patch directory on your SmartStream file server.

For more information, see the procedures in the Start the CD Install Utility section of the *Applying Service Packs and Solutions* document on DocLink.

### SmartStream Application Documentation

The SmartStream application documentation has been updated to include instructions for using the enhancements and solutions delivered with this cumulative. The Help files are delivered on the Financials and Procurement 6.5.03 Cumulative CD. The SmartStream Library can be accessed through DocLink.

## Printing the Files Included in the Solution

Use the following procedure to generate a list of the files that will be updated by the Cumulative Solution 524364.

Step	Action
1	From the Start menu, select Run.
2	Enter the following command in the Open field and click on OK: <b>&lt;SmartStream file server location&gt;\patch\setup.exe L</b>
4	Enter the solution number <b>524364</b> when prompted.
5	Enter the location of the CCL files if prompted and click on Next.
6	A message will be displayed identifying the location of the list generated. Record this location or click Yes to view the list in Notepad.
6	Click Yes to process another solution or No to exit.

**Bulletin Board Topics** The following Bulletin Board topics have been created for this service pack:

- 276227 - 6.5.03 Critical Issues
- 276228 - 6.5.03 Supported Technical Environments
- 276230 - 6.5.03 Migration Roadmap

## HR Considerations

The SmartStream 6.5.03 Human Resources Cumulative 524391 will also be generally available in the same timeframe as the Financials and Procurement Cumulative 524364. These cumulatives can be installed in any order, independent of each other, at any time.

## SmartStream Active Access Considerations

The SmartStream 6.5.03 Financials and Procurement Cumulative 524364 will be generally available in the same timeframe as the SmartStream Active Access ePortal products. The Cumulative 524364 is fully compatible with the following Active Access ePortal products:

- Vendor Self Service 1.1
- Invoice Approval 1.3
- Receiving 1.0
- Requisition 4.1

## Migration and Upgrade in Place Considerations

### Installation Requirements

Before installing Cumulative Solution 524364, you must install Service Pack 3. To facilitate a smoother, more efficient migration to the current release level for SmartStream 6.5.03, we have outlined the following recommendations.

If you have not already migrated your data from SmartStream 6.0.03 to 6.5.03, see AnswerLink Bulletin Board Topic 276230 - 6.5.03 Migration Roadmap for instructions.

If you have already migrated your data from SmartStream 6.0.03 to 6.5.00:

- Install Service Pack 1 Solution 221217.
- Install post Service Pack 1 solutions 180119 and 173132.
- Install Service Pack 2 Solution 262253
- Install Service Pack 3 Solution 478450. This service pack automatically installs the Financials and Procurement Cumulative 379341.
- Install Receivables Enhancement Solution 522462. This solution is automatically installed when you install the Financials and Procurement Cumulative 524364, but it is recommended that you install this solution in advance if you have a large volume of Receivables data. For more information, see this solution on AnswerLink.
- Install Financials and Procurement Cumulative Solution 524364.
- Install all needed solutions from the 6.5.03 Critical Issues List on AnswerLink Bulletin Board topic 276227.

If you have already migrated your data from SmartStream 6.0.03 to 6.5.01:

- Install post Service Pack 1 solutions 180119 and 173132.
- Install Service Pack 2 Solution 262253
- Install Service Pack 3 Solution 478450.
- Install Receivables Enhancement Solution 522462. This solution is automatically installed when you install the Financials and Procurement Cumulative 524364, but it is recommended that you install this solution in advance if you have a large volume of Receivables data. For more information, see this solution on AnswerLink.
- Install Financials and Procurement Cumulative Solution 524364.
- Install all needed solutions from the 6.5.03 Critical Issues List on AnswerLink Bulletin Board topic 276227.

If you have already migrated your data from SmartStream 6.0.03 to 6.5.02:

- Install Service Pack 3 solution 478450.
- Install Receivables Enhancement Solution 522462. This solution is automatically installed when you install the Financials and Procurement Cumulative 524364, but it is recommended that you install this solution in advance if you have a large volume of Receivables data. For more information, see this solution on AnswerLink.
- Install Financials and Procurement Cumulative Solution 524364.
- Install all needed solutions from the 6.5.03 Critical Issues List on AnswerLink Bulletin Board topic 276227.

If you have already migrated your data from SmartStream 6.0.03 to 6.5.03:

- Install Receivables Enhancement Solution 522462. This solution is automatically installed when you install the Financials and Procurement Cumulative 524364, but it is recommended that you install this solution in advance if you have a large volume of Receivables data. For more information, see this solution on AnswerLink.
- Install Financials and Procurement Cumulative Solution 524364.
- Install all needed solutions from the 6.5.03 Critical Issues List on AnswerLink Bulletin Board topic 276227.

## Products and Languages

Cumulative Solution 524364 includes corrective code libraries for the following products and languages:

Code	Product Names	Base	English	French	Spanish	Dutch	Italian
A	Shared Components	X	X	X	X	X	X
E	SmartStream Allocations	X					
F	SmartStream Funds Control	X	X	X	X	X	X
G	SmartStream Asset Management	X	X	X	X	X	X
I	SmartStream Billing	X	X	X	X	X	X
J	SmartStream Budget	X					
L	SmartStream Euro	X				X	
M	SmartStream Consolidations	X	X	X	X	X	X
P	SmartStream Ledger	X	X	X	X	X	X
U	SmartStream Payables	X	X	X	X	X	X
V	SmartStream Payroll	X					
Z	SmartStream Purchasing	X	X	X	X	X	X
0	SmartStream Receivables	X	X	X	X	X	X
2	SmartStream Standard Cost	X					
4	SmartStream Projects	X	X	X	X	X	X
6	SmartStream Items	X					
7	SmartStream Procurement Common	X	X	X	X	X	X
8	SmartStream Receiving	X	X	X	X	X	X
9	SmartStream Supplies Management	X					

---

## File Space Requirements

The Solution Delivery program copies files to the **geac\patch** directory used for client refresh. Before copying any files to the **geac\patch** directory, make sure the file server has available space. The following minimum space must be available (assuming all products are installed):

<b>Product Language</b>	<b>Minimum Space Required</b>
Base and English	12 MB
French	9.5 MB
Spanish	9.5 MB
Dutch	9.5 MB
Italian	9.5 MB



## 2 Product Details for Shared Components

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  - 2-3 Special Instructions and Changes
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### Solutions Addressed

#### 524364 Solutions

Solution	Description
521097	Doclink Topic on Batch Program Debugging does not include Funds and Receivables updates
525117	Stored procedure csp_process_pmt_rqst_aging not found when running cvnc0200
525153	Vendor Statistics update performance issues.
525429	Missing output parameters in Update Statistics job output.
525828	Receipt Accrual creates journal amounts with more decimal places than allowed by currency parameters
525969	Uncleared Payments Report
526526	Update stored procedures to use index name hints instead of relative index number
527121	Currency pair incorrectly updated when change the nbr of decimals of the transaction currency code
527425	Tax Rate Policy change to Tax Rate hangs in Sybase on Microsoft.
528544	Payments Added Report is missing from the documentation manual.

### 526076 Solutions

The following solutions are delivered with the Common Components Solution 526076. If they were not previously applied, they are automatically applied when the Financials and Procurement Cumulative 524364 is applied.

<b>Solution</b>	<b>Description</b>
212180	Bank Clearance window is showing the wrong currency code after Bank Account Conversion
523060	Various Bank Reports do not return data in SS 6.5.02 when using same date in From and To field.
524934	When using Addr Format Canada 5 (CA5) in Vendor Loc window, Address Line 3 doesn't print on check.
525059	FBKBATCH on a SUN Poll is giving wrong error message when doing Deposit Clearance
525156	ERROR: Could not update table. In UDAK log - could not update table open_browse_parms_dtl_1
525319	When updating vendor address using Default Address icon, vendor_loc_addr_history not updated.
525431	Vendor Transaction List - Issue on the Extract Status column name and contents.
525461	Bank Account Accounting Distributions: bank account leading blanks are trimmed off in bank_acct_nbr
525498	You can Inactivate active Bank Accounts with Inquire Only security.
525706	Active Access Vendor Self-Service Smartstream 6.5.3 database components
525865	Vendor Payables Inquiry online help explanation of Journal Status is incomplete.
526034	Security Data Control can be bypassed on Vendor Location
526762	Missing open browse id's for various applications after migration.
528322	"ERROR: DataWindow not Registered to system" when SP3 has been applied FSO mode

## Special Instructions and Changes

### Special Instructions

#### Updated Tables

New columns were added to the following tables for this cumulative.

The data in these tables will be migrated to the new table format as part of the cumulative installation process. We do not anticipate this migration being a lengthy step because these tables do not usually contain a large number of data rows.

Database	Table Name	New Columns	Solution
DBSCOMMON	udak_key_layout	ldr_intraentity_bal_seq_nbr	8434
DBSentp	entp_ldr_policy	ldr_intraentity_bal_ind	8434

If row-level locking is enabled on these tables, you must reset locking to page level locking and drop and recreate all triggers before installing the cumulative.

### SmartStream Builder PBL Corrections

PBL	Object/Window	Function/Event	Solution
fbk.pbl	fbk0030_bank_acctg_distn	dw_header::itemchanged	525461
	fbk0020_bank_acct	dw_singlerow::itemchanged	525498
cvn.pbl	cvn0060_vendor_location	Instance Variable declarations	525319
	cvn0060_vendor_location	process_addr_history()	525319
	cvn0060_vendor_location	actionselected	525319
	cvn0060_vendor_location	dbupdate	525319
	cvn0060_vendor_location	dw_singlerow::itemchanged	525319
	cvn0060_vendor_location	dw_singlerow::update_addr_structs	525319
cvni.pbl	cvn7030t_payment_list	TEXT OBJECT: extract_status_t	525431
	cvn7030t_draft_list	TEXT OBJECT: extract_status_t	525431
	cvn7030t_pay_doc_list	TEXT OBJECT: extract_status_t	525431
	cvn7030t_payment_list	COLUMN OBJECT: extract_status COLUMN OBJECT: extract_status	525431
	cvn7030t_draft_list	COLUMN OBJECT: extract_status COLUMN OBJECT: extract_status	525431
	cvn7030t_pay_doc_list	COLUMN OBJECT: extract_status COLUMN OBJECT: extract_status	525431
	cvn0060m_vendor_location	m_remitto	526034
cep.pbl	cep0110_tax_rate_policy::dw_singlerow	itemchanged	527425

## Special Instructions and Changes

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ccf.pbl

ffc0001\_nvuo\_procurement

load\_instance\_variables()

527092

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## MS Access Corrections

Solution Source MDB	Language	Target MDB/MDA to be corrected:	Rerun UDAK Process?
653fbk1e.mdb	English	fbkact32.mdb	No

## What Has Changed

MDB/MDA	Component	Type	Subcomponent	Solution
cepfmt.mda	CEP - Remit Address Formatting	module	FormatRemitAddrForCanada	524934
cepfmt.mda	CEP - Address Formatting	module	FormatAddrForCanada	524934
fbkact32.mdb	Payments Canceled	query		523060
fbkact32.mdb	Payments Replaced	query		523060
fbkact32.mdb	Payments Added	query		523060
fbkact32.mdb	q_Payment_Clearance_Activity_Date	query		525969

## Schedule Processes Updated

The following scheduled processes have been modified as part of this cumulative. If you have a Microsoft Job Server and the user ID used to install the cumulative does not have administrative rights to the Microsoft Job Server, you need to copy these files from the patch\batch\ntintel directory of your SmartStream file server image to your Job Server workstation.

Program	Description	Solution
fbkbatch.exe	Bank Clearance	525059

## 3 Product Details for the SmartStream Platform

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  - 3-3 Enhancements
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### Solutions Addressed

#### 526076 Solutions

The following solutions are delivered with the Common Cumulative Solution 526076. If they were not previously applied, they are automatically applied when the Financials and Procurement Cumulative 524364 is applied.

Solution	Description
18043	Points Indicator incorrect (+,-)
22327	Customer would like the Mail Gateway to be a Service on NT
242261	Divide by zero error when a new user logs on
403375	Request of Batch-job processing of Smartstream to be changed to use smtp type address
404384	Error Deleting removed Activities:error" Cannot delete Activity list, since it contains activities "
523252	Customizing the Activity Window Help selection has hidden text showing
524315	Memory Leak when running psc0050 program.
525136	UIP - @@fetch_status not converted to Sybase @@sqlstatus for pamp0814.sp
525244	Platform- Job Scheduler DB-Lib Changes
525263	Get "Unable to locate the installation settings file DBSINST.INI." applying Serv Pack or Cumulative
525290	APPLY_MAINTENANCE_SQL_FOR_MINIMAL_REQUIRED_DATA section not found - piqd upgrade.prf
525311	Structures programs are not refreshed to the correct location for service pack 3 - 6.5.03
525549	Solution Apply process fails after applying 478450 ( sp3 ) if you have multiple environments
525633	Read only attributes not being detected during patch apply
526456	Comments - lost the ability to define comment as Internal, External, Display, or All.

## Solutions Addressed

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<b>Solution</b>	<b>Description</b>
526675	Structures display incorrectly after applying ss6.5.03 in sybase environment
526775	Bad error message written to .err file for incorrect version (szNoApplyVersion)
526776	dbinc.prf and upgrade.prf need to be date checked
526777	udakmgrt.exe not executed for udakable .bld under all conditions when multiple products in solution.
526871	Enhancement for wjamt translation
527172	Change Server Password for a userid changes all Security Profiles created by that userid
527206	Poll is getting an invalid cursor error (only seen in .dbg file)
528364	Update Solution Apply program to update wjamt files to UNIX \DBMS directory based on external file
528370	Changes for dbsprep
528427	Validate the solution number entered by the user during Solution Apply against the solution number in the ccl files
528648	Need migration for objc, objt, and hrws in family mesm.
528760	Structures - New account data point with Account Type of Equity is saved with account type of Balance

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## Enhancements

### Solutions 22327 and 403375

#### Mail Gateway Enhancements

**Customer Requirements:** This enhancement allows the mail gateway to

- Run as a service.
- Support SMTP-compliant, Internet format (anyone@anycompany.anydomain) e-mail addresses.

**Customer Benefit:** Setting Mail Gateway to run as a Windows service that starts automatically at machine startup streamlines the server startup process. This enhancement also allows the machine on which the Mail Gateway is installed to be in a secure location because human intervention is no longer necessary to start or run the process.

This SmartStream Mail Gateway enhancement changes the Mail Gateway from using Message Application Programming Interface (MAPI) mail processing to using Simple Mail Transport Protocol (SMTP) mail processing. Using SMTP eliminates the need for a mail client on the Mail Gateway machine because the mail from batch processing and Workflow To Do processing is sent directly to the mail server. Eliminating the need for a mail client on the Mail Gateway machine makes mail profiles no longer necessary. Because the mail is sent directly to the mail server, it is no longer necessary to customize the security settings in Microsoft Outlook 2000 to get around the required user intervention for programmatic access.

**Implementation:** These solutions provide a new Mail Gateway to replace the one delivered in previous releases of SmartStream. Previous versions of Mail Gateway will continue to be delivered in the \mailgate directory on the file server and can be installed from there, but they will now be supported at a Stage 3 level. For more information about the support provided at various stages, see the AnswerLink Bulletin Board topic Customer Support Policies under SmartStream/Policies.

This solution does not address Structures or Agents. Any e-mail addresses that exist in your databases for these products must be converted to an Internet format (anyone@anycompany.anydomain) manually on the database or using the SmartStream client.

For specific mail products tested for this solution, see the 6.5.03 Supported Technical Environments document on the AnswerLink Bulletin Board under SmartStream/Release Information/6.5.03. This Mail Gateway no longer requires a mail client to be installed on the Mail Gateway machine. Note that MAPI-compliant mail packages other than those documented in the STE can be used on the SmartStream client workstation (when installed over Windows Messaging); however, any e-mail addresses selected from the address book that are not in an Internet format must be manually entered.

## Special Instructions and Changes

### Special Instructions

**Mail Gateway Updates** This cumulative installs all of the SmartStream client, file server, and database components needed to run the enhanced Mail Gateway. However, to run the new Mail Gateway, you need to install the new version from the \mailsmtp folder on your file server. You also need to run the Mail Gateway Upgrade Utility to update existing email addresses. For more information about setting up the new Mail Gateway, see the [SmartStream Installation Guide](#).

### New Tables

The following table was added with this solution.

Database	Table Name	Solution
DBSCOMMON	web_session	528648

Permissions for this new table will be granted to public.

### Schedule Processes Updated

The following scheduled processes have been modified as part of this cumulative. If you have a Microsoft Job Server and the user ID used to install the cumulative does not have administrative rights to the Microsoft Job Server, you need to copy these files from the patch\batch\ntintel directory of your SmartStream file server image to your Job Server workstation.

Program	Description	Solution
pssc0020.exe	Job Scheduler	527206
pssc0030.exe	Job Scheduler INI Update Program	525244
pssc0040.exe	Clear Scheduler Log Program	525244
pssc0050.exe	ARPC Program	524315, 525244
pssc0051.exe	ARPC Child Program	525244
psccdemo.exe	Sample Install Test Program	525244
pscmailp.exe	Mail Ping Program	525244
pscstart.exe	Start a Job Program	525244
schedapi.dll	Job Scheduler API	525244
wjamit.exe	Windows Utility	525136, 526871

**Mail Gateway  
Considerations**

The following Mail Gateway programs were updated with this cumulative.

<b>Program</b>	<b>Description</b>	<b>Solution</b>
mailgt32.exe	Mail Gateway	22327, 403375
mailutl.exe	Mail Gateway Upgrade Utility	22327, 403375



## 4 Product Details for Allocations

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- 

### Solutions Addressed

#### 524364 Solutions

Solution	Description
29639	Create a DEBUG option for the falc0900.exe to provide SQL code passed
523825	Error calling Fal32.mdb from within other Allocations activities in Office XP platform

## Special Instructions and Changes

### SmartStream Builder PBL Corrections

PBL	Object/Window	Function/Event	Solution
fal.pbl	fal0100_pool_definition	fal0100_pool_definition::actionselected dw_singlerow::itemfocuschanged(event)	523825
	fal0200_dist_meth	fal0200_dist_meth::actionselected dw_singlerow::itemfocuschanged(event)	523825
	fal0300_alloc_cycle	fal0300_alloc_cycle::actionselected dw_singlerow::itemfocuschanged(event)	523825

### Schedule Processes Updated

The following scheduled processes have been modified as part of this cumulative. If you have a Microsoft Job Server and the user ID used to install the cumulative does not have administrative rights to the Microsoft Job Server, you need to copy these files from the patch\batch\ntintel directory of your SmartStream file server image to your Job Server workstation.

Program	Description	Solution
falc0900.exe	Allocations Build Program	29639

# 5 Product Details for Asset Management

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## Chapter Contents

- 5-1 Solutions Addressed
  - 5-3 Enhancements
  - 5-6 Special Instructions and Changes
- 

## Solutions Addressed

### 524364 Solutions

Solution	Description
131430	archiving of activity tables now available
273247	Online help error: Sybase limitation on date field is 1900 not 1753
498470	Change to Out-of-Service status closes Asset window
520831	Cost Summary Report for Book X may treat subsequent Adds as Adjustments
524198	ASTT Field 14 Name and Description clarification. This is the Transfer TO field.
524271	Incorrect error message for Depreciation percentage table
525017	Misleading error message when user does not have security to assets in a specific entity
525097	Period Reserve Summary Rpt incorrect Depr Exp & Beg Balance for Retirement Reversal
525235	Electronic Books need updating due to renaming of Asset Archive/Purge Activities
525302	Period Depreciation setting Depreciable Status to Fully Reserved on short life asset
525355	Minimum Cost capitalization policy should generate an error rather than a warning.
525367	Minimum life capitalization policy error message does not contain the correct book number text.
525408	International Accounting Standards IAS 16 and IAS 36 for asset revaluation and impairment.
525524	Asset Retirement Reversal - The display field for Cost is not large enough.
525527	A cumulative Taxable Usage change of 10% or more should trigger a GST ITC recalculation
525544	SLG, Life-Based, 01-00 life, actual period asset may fully depreciate in first year
525594	The Jobs And Growth Tax Relief Reconciliation Act of 2003 (HR2)

## Solutions Addressed

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<b>Solution</b>	<b>Description</b>
525746	Asset retirement not working if annual depreciation amount is zero and overridden ind = 'Y'
525753	Alternative Minimum Tax & ACE incorrect for Luxury Autos (Annual Limit) once life expired
525943	AltMin & ACE may be incorrect for Annual Limit assets.
525945	Inconsistent signs on subtotals/grand total for the AMT Adj on the AltMin Report
526021	Online Help changes for HR2
526047	Two Book Gain/Loss Difference Report not calculating Gain when the Last Ref ADR Asset Retired
526064	ACE depreciation incorrect if using annual limit tables and asset is at or beyond estimated life.
527226	'asset#ins_upd_trigger' is incorrectly referring to parameter '@FIELID' where '@FIELDID' is needed
528415	Projection error Asset Management cannot find fiscal year 2004 and fiscal period -3 for book 1 ffarpt32.mdb: Unanticipated error in module: FFA_Modify_Form_Help. 2102 ? The form name
528514	'FFA_FinancialSteam_About_box' is misspelled ...
529139	Projection for Out-of-Service: cannot find fiscal year 2003 and fiscal period 0 for book 1

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## Enhancements

### Solution 131430

#### Archiving of Activity Tables

**Customer Requirement:** Asset Management has been enhanced to provide an archive function to archive the following tables:

- Account Base Activity
- Account Book Activity
- Asset Base Activity
- Asset Book Activity

Purging data in these activity tables from the database is currently an option. As a result of this enhancement, now archiving to disk will also be an option.

**Customer Benefit:** Asset Management now allows users an intermediate step of archiving data to disk before purging it from the database so that the data is still available for reporting.

**Implementation Details:** The original enhancement called for using the `data_and_tm_of_activity` as one of the selection criteria. Upon further review, it was decided that the selection criteria for the current Purge jobs is sufficient.

### Solution 525594

#### Jobs and Growth Tax Relief Reconciliation Act of 2003 (HR2)

On Wednesday, May 28, 2003, President Bush signed into law The Jobs And Growth Tax Relief Reconciliation Act of 2003 (HR2)

The bill contains two depreciation provisions that affect Asset Management.

- A special 50-percent, first-year depreciation allowance
- Increased Section 179 expense deduction up to 100,000

HR2 provides an additional first-year depreciation deduction equal to 50 percent of the adjusted basis of qualified property. Qualified property is defined in the same way that it is defined for the 30-percent additional first-year depreciation deduction provided by the Job Creation and Workers Assistance Act of 2002, except that the applicable time period for acquisition (or self construction) of the property is modified.

In general, to qualify for the 50-percent additional depreciation deduction, the property must be acquired after May 5, 2003, and before January 1, 2005. Property does not qualify if there was a binding written contract for the acquisition in effect before May 6, 2003. Property for which the 50-percent additional first-year depreciation deduction is claimed is not eligible for the 30-percent additional first-year depreciation deduction.

HR3090 30-percent bonus depreciation continues to apply to property acquired between September 11, 2001, and May 6, 2003.

A business is free to combine the increased Section 179 expensing write-off with a 50-percent write-off of the remaining basis all in the first year of service.

The small business expensing election under Section 179 has been increased to \$100,000 for 2003, 2004, and 2005. If Section 179 expensing is claimed on qualified property, the amount expensed comes off the top before the additional 50-percent first-year depreciation allowance is computed. Then the taxpayer computes regular first-year depreciation (and depreciation for future years) with reference to the adjusted basis remaining after expensing and after the additional 50-percent first-year allowance.

The new 50-percent bonus depreciation rule has the favorable side effect of increasing the maximum first-year write-off to \$10,710 for new (not used) vehicles acquired on or after May 6, 2003. For new autos acquired during 2003 but before May 6, the maximum first-year depreciation deduction remains at \$7,660 (because of the 30-percent bonus depreciation rule). For used vehicles placed in service during 2003, the maximum first-year depreciation deduction is only \$3,060.

**Customer Benefit:** Asset Management now complies with the new legislation, which allows companies to reduce their taxable income by taking advantage of higher depreciation amounts earlier in the asset life cycle, in addition to providing up-to-date and accurate reporting capabilities.

### Solution 525408

#### Assets Revaluation and Impairment (IFRS)

##### Asset Revaluation (IAS 16)

Asset revaluation enables fair value revaluation according to IAS 16 rules. Both asset cost and accumulated depreciation are revalued, and a revaluation reserve is created for the excess of economic over book value. The enhancement handles the accounting implications as well as the transfer of revaluation reserve to retained earnings after the asset is sold or disposed of.

##### Asset Impairment (IAS 36)

Asset impairment enables companies to write down the excess of book value over recoverable amount. Impairment can be performed on an individual asset or all assets within a cash generating unit, in which case a mass allocation function is provided that prevents the value of individual assets from falling below their expected salvage value in the process. Both accounting and asset management implications are covered by this enhancement.

##### Segment Reporting (IAS 14)

Assets can now be attached to primary and secondary reporting segments to meet segment reporting requirements prescribed by IAS 14.

**Note:** These standards are not regulatory requirements for U.S. firms that are not listed on a foreign stock exchange.

**Customer Benefit:**

- Enables customers to comply with international accounting standards
- Enables fair value accounting for assets
- Facilitates segment reporting of assets

For information about preparing for this enhancement functionality now, see AnswerLink's Bulletin Board Topic 279681.

## Special Instructions and Changes

### Special Instructions

#### Updated Tables

New columns were added to the following tables for this cumulative.

These new columns will be added using the alter table command, which means that data in these tables will not have to be migrated using bulk copy. This procedure will be much more efficient than the traditional migration methods used in the past to make table structure changes.

Database	Table Name	New Columns	Solution
DBSfast	ast_book_activity	reval_amt	525408
		reval_bucket	
		impair_amt	
		impair_rev_amt	
		impair_bucket	
		reval_amt_chg	
		reval_bucket_chg	
		impair_amt_chg	
		impair_rev_amt_chg	
		impair_bucket_chg	
DBSfast	ast_book	ptax_pct_bucket	525527
		ptax_pct_bucket_chg	
DBSfast	ast_book	reval_amt	525408
		reval_bucket	
		impair_amt	
		impair_rev_amt	
		impair_bucket	
		ptax_pct_bucket	
DBSfwrk	ffa_cost_summary_extract	ast_revaluation_amt	525408
	work_mass_change_book_info	reval_amt	525408
		impair_amt	
DBSfwrk	ffa_reserve_summary_extract	impair_rev_amt	
		ast_revaluation_amt	525408
		ast_impair_amt	
		ast_impair_rev_amt	

**Solution 525594 The Jobs And Growth Tax Relief Reconciliation Act of 2003 (HR2)**

This cumulative delivers the functionality to enable the bonus depreciation provided for in HR2, but you must identify which assets are eligible for this depreciation. The following procedure includes some considerations and steps you can take to prepare for the implementation of this functionality.

Step	Action
1	<p>To compute the bonus depreciation, you need to create an Asset Additional Depreciation Table. To process correctly, this table <b>must</b> be named <b>HR2</b>. Assign the additional depreciation table to each applicable asset book.</p> <p>Set the table up as follows:</p> <p><b>Entity:</b> Primary or Associated Entity</p> <p><b>Additional Depr Table:</b> HR2</p> <p><b>Calculation Method:</b> Percentage of Cost</p> <p><b>Percentage Calculation Method:</b> Standard Pct: 50</p> <p><b>Number of Applicable Years:</b> 1</p> <p><b>Reduce Depreciable Basis:</b> Enabled</p> <p><b>Reduce Current Year Depreciation:</b> Enabled</p>
2	<p>If you assign the new HR2 additional depreciation table to current year assets, do not run New Year Processing until the fix from Solution 525594 is implemented.</p>
3	<p>You might want to modify your category tables to include the Asset Additional Depreciation Table ID HR2 (Step 2) for each applicable book to be used when setting up assets to which the bonus depreciation will be applied.</p>
4	<p>The new provision increases the maximum allowable first-year depreciation on a luxury auto. If you have luxury autos subject to the provision, you might want to create a new Asset Annual Limit Table and assign it to these assets.</p>
5	<p>The new provisions allow for both a Section 179 expense deduction and the new bonus depreciation. If you qualify for both deductions, you need to create two assets. The first equal to the maximum Section 179 deduction with a one-year depreciable life. The second equal to the total asset depreciable basis less the maximum Section 179 deduction.</p>
6	<p>If any assets were placed in service after May 5, 2003, and the assets contain the reference to the old 3090 additional depreciation table, you need to change this reference to the HR2 additional depreciation table. This can be done individually or through mass change.</p>

### Solution 525408 Assets- International Financial Reporting Standards (IFRS) for Asset Management

This solution provides the changes necessary to comply with international accounting standards for revaluation, impairment, and impairment reversal of assets. Consider the following information carefully:

Three new input fields were added to the Assets activity, Book Amounts view:

- Revalued NBV
- Recoverable Amount
- Modified Recoverable Amount

**Note:** You can make these adjustments only at the beginning of the fiscal year.

Revalued NBV is equal to the revalued net book value of the asset or property account determined using the alternative method. Cost and LTD are adjusted proportionately.

Recoverable amount is the recoverable amount of an asset or property account after identifying and measuring an impairment in value.

Modified recoverable amount is the recoverable amount of an asset or property account after identifying and measuring a reversal of a previous impairment.

If a reversal of a previous impairment becomes necessary, the new recoverable amount to which the asset can be written up to is limited to the carrying amount net of accumulated depreciation assuming no impairment has taken place. To track this value, create a separate book to account for the carrying amount where no impairment adjustments will be made. If an impairment reversal is necessary this is the maximum amount that can be entered as the new recoverable amount.

Five new accounting distributions were added to account for revaluation, impairment, and impairment reversal activity:

- 160 Revaluation Expense
- 162 Revaluation Surplus
- 164 Revaluation Income
- 166 Impairment Expense
- 168 Impairment Reversal Income

**Applies to All Customers:** You must execute the IFRS\_Initialize macro for each ffarpt32 mdb. This must be done even if you do not use the new IFRS fields. Open the .mdb and press the **F11** key, select macros, and then select the IFRS\_Initialize macro.

**Applies to All Customers:** You must remove and reattach the SQL tables after successfully running the IFRS\_Initialize macro.

For mass change, if you select **Revalued NBV, Impairment, or Impairment Reversal** in the change field, the basic change information is ignored. The revalued NBV, impairment, or impairment reversal value is allocated to the selected assets based on net book value.

For more information about International Accounting Standards, see the International Accounting Standards Considerations section in the Complying with Multinational Regulations chapter of the *Asset Management* guide on DocLink (Topic 286445).

## SmartStream Builder PBL Corrections

PBL	Object/Window	Function/Event	Solution
ffa1.pbl	ffa0090_assets	validate_entity_security	525017
	ffa0090_init_datawindows		525408
	ffa0090_assets	dw_col_init	525408
	ffa0090_assets	load_detail	525408
	ffa0090_assets	build_book_sql2	525408
	ffa0090_assets	actionselected	525408
	ffa0090_assets	initwindow	525408
ffai.pbl	ffa0090d_book_amounts		525408
	ffa0140b_tab_book_info		525524
ffau.pbl	ffa0090t_asset_books		525408

## MS Access Corrections

Solution Source MDB	Language	Target MDB/MDA to be corrected	Rerun UDAK Process?
653ffa1e.mdb	English	ffarpt32.mdb	No

## What Has Changed

MDB/MDA	Component	Type	Subcomponent	Solution	
ffarpt32.mdb	FFA_SQL_Components	Table		520831	
	FFA_Cost_Summary	Module	FFA_Extract_CS	520831	
	FFA_SQL_Generator		Module	FFA_Set_CS_2_Array	520831
				FFA_Set_CS_21_Array	520831
	FFA Alternative Minimum Tax Depr	Report		525945	
	IFRS_Initialize	Module		525408	
	FFA_IFRS_Initialize	Macro		525408	
	FFA_Mass_Change_Routines		Macro	FFA_MassChgGetContrInfo	525408
				FFA_MassChgSaveController	525408
	FFA_SQL_Components		Module	FFA_Set_CS_1_Array	525408
FFA_Set_CS_10_Array				525408	

MDB/MDA	Component	Type	Subcomponent	Solution
			FFA_Set_CS_2_Array	525408
			FFA_Set_CS_21_Array	525408
			FFA_Set_CS_22_Array	525408
			FFA_Set_CS_3_Array	525408
			FFA_Set_CS_4_Array	525408
			FFA_Set_CS_6_Array	525408
			FFA_Set_CS_7_Array	525408
			FFA_Set_CS_8_Array	525408
			FFA_Set_CS_9_Array	525408
			FFA_Set_CS_Arrays	525408
			FFA_Set_RS_1_Array	525408
			FFA_Set_RS_2_Array	525408
			FFA_Set_RS_22_Array	525408
			FFA_Set_RS_3_Array	525408
			FFA_Set_RS_4_Array	525408
			FFA_Set_RS_6_Array	525408
			FFA_Set_RS_7_Array	525408
			FFA_Set_RS_8_Array	525408
			FFA_Set_RS_Arrays	525408
	FFA_Cost_Summary	Module	FFA_Extract_CS	525408
	FFA Cost Summary	Report		525408
	FFA_Reserve_Summary	Module	FFA_Extract_RS	525408
	FFA Reserve Summary	Report		525408
	FFA_Menu_Help	Module	FFA_Modify_Form_Help	528514

## Schedule Processes Updated

The following scheduled processes have been modified as part of this cumulative. If you have a Microsoft Job Server and the user ID used to install the cumulative does not have administrative rights to the Microsoft Job Server, you need to copy these files from the patch\batch\ntintel directory of your SmartStream file server image to your Job Server workstation.

Program	Description	Solution
ffacamnt	Asset Maintenance	525408



## 6 Product Details for Billing

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### Chapter Contents

- 6-1 Solutions Addressed
  - 6-2 Special Instructions and Changes
- 

### Solutions Addressed

#### 524364 Solutions

<b>Solution</b>	<b>Description</b>
524985	SmartStream Error when posting Billing Docs in Receivables using Deferred Revenue Lines
525019	A billing document that has been loaded to Receivables can be deleted
525234	Receiving SS system error on Billing Document Print window
525285	Zoom To not available on Billing Document with INQUIRE access
525522	Billing Document - Delete Procedure Help and online Documentation should be clarified
525708	Billing Document (FR) - Complete status incorrectly translated - same translation for 2 statuses
525996	Online Help for the Billing Document Status field lists incorrect status of "Awaiting Plan"
526008	Billing Control Group - Incorrect status French translation - Inconsistent with Help documentation
526036	Billing document batch load expects tax details if tax exempt not set on customer defaults
526124	far36505 error returned when loading billing documents in single currency environment
526130	Array boundary exceeded error adding lines to billing documents loaded as incomplete in batch
526636	Ledger entity not defaulted to tax accounting distribution when documents loaded in batch
529055	Billing document line extended description does not display on Dutch language client

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## Special Instructions and Changes

### SmartStream Builder PBL Corrections

PBL	Object/Window	Function/Event	Solution	
fbl.pbl	fbl0850_billing_doc_print	dw_tabular::getfocus	525234	
	fbl0600_billing_doc_uo	pre_process_existing_doc	525285	
	fbl0600_billing_document	dbdelete		525019
			dw_billing_doc_lines::itemchanged	524985
			dw_billing_doc_lines::itemchanged	526130

## 7 Product Details for Budget

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### Chapter Contents

- 7-1 Solutions Addressed
  - 7-2 Special Instructions and Changes
- 

### Solutions Addressed

#### 524364 Solutions

Solution	Description
525032	Budget maintenance job (bbdc0910) errors in a Sybase NT environment
525137	Need to create a debug version of budget maintenance job bbdc0910
525145	Missing files in enterprz directory prevent remote disk installation.
527146	Error in upload program bbdc0920- Could not rename input file to xxxxx.LSV if same filename exists
527374	Debug version of budget load job bbdc0920
527409	Solo Change window in Budget Workbench showing wrong amounts for a Udak

## Special Instructions and Changes

### Schedule Processes Updated

The following scheduled processes have been modified as part of this cumulative. If you have a Microsoft Job Server and the user ID used to install the cumulative does not have administrative rights to the Microsoft Job Server, you need to copy these files from the patch\batch\ntintel directory of your SmartStream file server image to your Job Server workstation.

<b>Program</b>	<b>Description</b>	<b>Solution</b>
bbdc0910	Budget Maintenance Request	525032
bbdc0920	Budget Load Request	527146

## 8 Product Details for Consolidations

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### Chapter Contents

- 8-1 Solutions Addressed
  - 8-2 Special Instructions and Changes
- 

### Solutions Addressed

#### 524364 Solutions

Solution	Description
267730	Need More Informative Error Message on First Time Access of the Consolidations MDB from an Activity
523806	Message prq0014440 when saving a Consolidation Eliminations Request with no Rules
525821	Missing currency code message (fco0056) on Consolidation Account Balance window
525875	Consolidation Chart of Accounts expand/contract not available for large number of elements
525888	Consolidation COA File Open produces "This field requires a value" message if large no. of elements
525954	Return code 5 - unable to perform system exec call on program . if program alias row missing

## Special Instructions and Changes

### SmartStream Builder PBL Corrections

PBL	Object/Window	Function/Event	Solution
fco.pbl	fco0550_elim_request	fco0550_elim_request::dbupdate dw_singlerow::itemfocuschanged(event)	523806
	fco0200_consolidation_coa	dw_singlerow	525875
		dw_view1	525875
		dw_singlerow::losefocus	525888
	fco0150_accnt_balance	dw_singlerow::itemchanged	525821
fcou.pbl	fco0200h_coa_header	button1	525875
		dw_height.text	525875

### MS Access Corrections

Solution Source MDB	Language	Target MDB/MDA to be corrected:	Rerun UDAK Process?
653fco1e.mdb	English	fco32.mdb	No

### What Has Changed

MDB/MDA	Component	Type	Subcomponent	Solution
fco32.mdb	fco_smartstream	Module	fco_pr	267730
	fco_translated_strings	table		267730

## 9 Product Details for Funds Control

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### Chapter Contents

- 9-1 Solutions Addressed
  - 9-3 Special Instructions and Changes
- 

### Solutions Addressed

#### 524364 Solutions

Solution	Description
160181	Have the Transaction Log Window show a Total Amount
161127	Show Remaining Funds Amount on the Transaction Inquiry Detail Window & Transaction Log
494454	Input Transaction Layout for Fund Transaction Upload needs correction
524137	Funds Reason Codes documentation missing reason codes
524562	Order of Accounts in FC Workbench is not sorting properly
524876	Over invoicing a purchase order using split distributions, when first distribution fails funds check
524883	Funds Checking stopped: incorrect reading of the Funds Control Policy Excluded Entities records
525114	Incorrect CAN transaction when cancelling an invoice over the following year
525825	Can't analyze data on Funds Control Transaction Log window b/c it's not sorted chronologically
525954	Losing psc_program_alias_version rows with LANGUAGE_CODE = ' ' for cons, fund, and piqdlite.
526983	Currency Code is showing in the Account Description Field on the Funds Control Workbench
529253	Fund Control Journal Detail: Zoom to document line detail gets array boundary exceeded

**526076 Solutions**

The following solutions are delivered with the Common Component Solution 526076. If they were not previously applied, they are automatically applied when the Financials and Procurement Cumulative 524364 is applied.

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<b>Solution</b>	<b>Description</b>
526081	Deadlock in DBSwact.message_queue_1

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## Special Instructions and Changes

### SmartStream Builder PBL Corrections

<b>PBL</b>	<b>Object/Window</b>	<b>Function/Event</b>	<b>Solution</b>
ffc.pbl	ffc1400_funds_control_account_tree_struc	process_amounts_budget	526983
	ffc1400_funds_control_account_tree_struc	open	526983
	ffc1400_funds_control_account_tree_struc	tv_1::selectionchanged	526983
	ffc0610_funds_balance_inquiry	actionselected	529253



# 10 Product Details for Ledger

## Chapter Contents

- 10-1 Solutions Addressed
- 10-3 Enhancements
- 10-5 Special Instructions and Changes

## Solutions Addressed

### 524364 Solutions

Solution	Description
8434	Ledger – Intraentity Balancing
30084	Ledger Simplification of Journal Reversal Process
30835	Enhancement - Amount display at the bottom of the Posted Journal Balance window is confusing
202184	Cannot use journal status search to find repeating journals in Unposted Journals activity
268672	Green Browse Flag is erroneously disabled on the Ledger Posting Request activity window.
288242	Error message fje30865 when doing an online post for journal with more then 32767 journal lines.
460419	Uploaded single entity journals have the Line Ledger Entity disabled
516484	Secondary book amount showing on posted journal for entity with only one book
521131	Meaningless Output Type Code instead of Description on Revaluation/Restatement Journal report
521132	Account Posted Journal Detail report contains strings which can't be translated
521166	Unposted Journal/Repeating Journal View -Invalid Browse command - selection made but nothing happens
523973	Account maintenance using scroll gives message prq00226436
524196	Template Journal Attachment not being retained when new journal created
524260	Scrolling in Chart of Accounts without saving changes is causing an error msg pcf000302
524588	Journal Notes lost when posting ledger journals with summarization within jrnl ID
524604	Timeout causing ODBC call failed in reversal tool - fgl32.mdb
524711	Journal load allows loading lines to a journal in 'Active' status, online post picks up loading jrnl

## Solutions Addressed

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<b>Solution</b>	<b>Description</b>
524736	Ledger Online Posting allows selection of journal to post with jrnl_status_code=A
524877	Ledger Reports (fgl32.mdb) Dropdown abbreviations not appropriate for French
525112	Account Posted Journal Detail report using wrong currency symbols. Please suppress symbols.
525233	Slide bar not available at bottom of Ledger Policy Classes tab
525306	Repeating jrnl next release date is set incorrectly to 01/01/1900 when changing the end date.
525401	Ledger – Journal Translation
525528	Change shadowing of Description field on Ledger Policy
525793	"Save As" not greyed out when you only have Change/Inquire permission set on for unposted journals
526077	Update DocLink 241706 to include information on accounting and adjustment periods
526404	Edit - Refresh causes array boundary exceeded error message on Posted Journals
526580	Direct Adjustment journals for an ADB entity bypass Funds Checking
526645	Ledger Posting Request - French translation issue for one Journal Origin ddlb item
526653	Ledger upload sometimes blocks itself with large journals after 6.5.03
526858	Annual Balance amount not displayed correctly on the Account Balance Inquiry screen
526978	Unposted Journal Save As will save adjustment journal with invalid effective date
526999	Unable to zoom to Posted Journal Balance screen from the Balance Inquiry window with Equivalent curr
527045	"Copy Journal Line" is greyed out when using PF7 to highlight the line.
527272	DocLink Loading Account Balances needs more detail for Determining Interval Number
527451	Message fgl28342 has incorrect text
528368	Account generated and it has a 0 as the udak_surr_key
528786	Posted Journal Detail report prints duplicate lines when printed from Posted Journal Window
529012	Payment Journal Detail: Bank Account set to 0 when bank accounts have a hyphen in them
529101	Adding an Asset receiving error - Can not insert the Value Null
529117	Maintaining Reversal Journal does not call/update Funds Control again
529845	Budget Variance and Budget Analysis Reports not displaying amounts from Account Balance window

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## Enhancements

The following enhancements for Ledger have been included in this cumulative:

### Solution 8434

#### Intraentity Balancing

Intraentity balancing is a powerful business function that enables organizations to reinforce accounting equilibrium at a level below the legal entity. Typical uses of intraentity balancing are branch and segment accounting where each operational unit establishes a separate statement of profit and loss.

Companies can define the precise scope of intraentity balancing in terms of entities and amount classes concerned, as well as the user-defined accounting key elements on which equilibrium is enforced. User-defined business rules (for example, whether to include complete or partial reference to correspondents' accounting keys) enable flexible definition by journal source of how to generate balancing journal entries. The enhancement also handles more sophisticated balancing scenarios whereby intra branch activity is offset at a higher level of the enterprise, such as the corporate treasury department. Data can be further enriched through user exits.

Although intraentity balancing is a generic function that can prove useful for any number of organizations, a key driver for delivering it at this time is the need to provide segment reporting capabilities mandated by the introduction of International Financial Reporting Standards in Europe as of 1/1/2005.

#### Customer Benefit:

- Provides the ability to produce a balanced set of books per organizational unit within an entity.
- Enables comprehensive segment or branch reporting
- Ensures the integrity of segment results
- Captures inter-segment activities for elimination in the consolidation process.

For more information about this new feature, see the following Bulletin Board topics on AnswerLink:

- Topic 279678: How to Prepare for Implementing Intraentity Balancing
- Topic 279901: Posting Performance Impact of Intraentity Balancing and Journal Translation

### Solution 525401

#### Journal Translation

Journal translation is an open and versatile tool that generates accounting entries based on user-defined rules. Accounting rules can be triggered by virtually any attribute or combination of attributes on the journal control or lines, enabling customers to fine-tune the journal translation process.

The application includes powerful data manipulation capabilities, such as numeric and date calculations. Alphanumeric fields such as accounting keys can be generated using another alphanumeric field on the journal line, a portion of an alphanumeric field, or a concatenation of multiple fields or partial fields. Data can be further enriched through user exits. Multiple lines can be generated from a single source line, and they can be posted or used only to trigger the translation process.

Typical uses of Journal translation include dual accounting, front-end proration, account key determination, journal offsets or simplified project-subsidary ledger accounting. A key driver for delivering journal translation at this time is the need to provide dual accounting functionality mandated by the introduction of International Financial Reporting Standards in Europe as of 1/1/2005.

**Customer Benefit:**

- Unleashes the full value of information flowing to Ledger
- Enables multi-dimensional analysis and processing by posting a single transaction according to different accounting rules.
- Reinforces integrity of parallel processing, insuring that original and generated journals remains in synchronization
- Provides end users the ability to create and maintain their own business rules.

For information on steps you can take now to prepare for this enhancement functionality, refer to AnswerLink's Bulletin Board Topic 279682.

For more information on this new feature, refer to the following Bulletin Board Topics on AnswerLink:

- Topic 279682: How to Prepare for Implementing Journal Translation
- Topic 279900: Journal Translation - Hints and Tips
- Topic 279901: Posting Performance Impact of Intraentity Balancing and Journal Translation

## Solution 30084

### Simplification of Reversal Process

The Posted Journal activity has been updated to add a new Reverse Journal action to allow the reversal of a previously posted journal. This allows journals to be created online to reverse journals posted in error.

**Customer Benefit:** Customers can now reverse journals posted in error more efficiently and easily. This process is much easier than the previous process of creating reversals.

## Special Instructions and Changes

### Special Instructions

#### New Security Requirements

New activities are delivered with this solution. As a result, the security administrator for your organization needs to set up activity security and data control security for the appropriate users. This includes the following steps:

- The security administrator must be given authority to administer security for the following new activities using the Security Administrator activity:

Activity Name	Solution
Intraentity Balancing Control	8434
Intraentity Balancing Rule	8434
Intraentity Balancing Rule Association	8434
Journal Translation Rule	525401
Unposted Journals Intraentity Security	8434
Unposted Journals Translation Security	525401
Journal Translation Rule Association	525401

- Using the Activity Security window, assign the appropriate access to the new activities for the users and security groups.
- Notify the appropriate users to customize their activity lists so that they can access the new activities from the SmartStream desktop.
- Workflow is also available for the new activities. All informational To Do messages delivered for events related to these new activities have been disabled. Review all events for these new activities using the Workflow Workbench and enable informational To Do messages and change assignments as needed for your organization.

For more information about setting up SmartStream security, see the Users and Security chapter of the *SmartStream Administration* guide in the SmartStream Technical Reference library.

#### New Tables

The following tables were added with this solution.

Database	Table Name	Solution
DBSglep	ldr_transl_controls_rules_work	8434
DBSglep	ldr_jrnl_source_descp	8434
DBSglep	ldr_jrnl_origin_code_descp	8434

Database	Table Name	Solution
DBSglep	ldr_jrnl_lead_acctg_distn_type	8434
DBSglep	ldr_intraentity_ctrl_acct	8434
DBSglep	ldr_intraentity_ctrl_acct_aud	8434
DBSglep	ldr_intraentity_ctrl_assn	8434
DBSglep	ldr_intraentity_ctrl_assn_aud	8434
DBSglep	ldr_intraentity_ctrl_comnt	8434
DBSglep	ldr_intraentity_rule_hdr	8434
DBSglep	ldr_intraentity_rule_hdr_aud	8434
DBSglep	ldr_intraentity_rule_dtl	8434
DBSglep	ldr_intraentity_rule_dtl_audit	8434
DBSglep	ldr_intraentity_rule_comnt	8434
DBSglep	ldr_intraentity_rule_assn	8434
DBSglep	ldr_intraentity_rule_assn_aud	8434
DBSglep	ldr_intraentity_err_ins	8434
DBSglep	jrnl_transl_rule	525401
DBSglep	jrnl_transl_rule_alpha_audit	525401
DBSglep	jrnl_transl_rule_audit	525401
DBSglep	jrnl_transl_rule_comnt	525401
DBSglep	jrnl_transl_rule_crit_audit	525401
DBSglep	jrnl_transl_rule_criteria	525401
DBSglep	jrnl_transl_rule_num_audit	525401
DBSglep	jrnl_transl_rule_specs	525401
DBSglep	jrnl_transl_rule_specs_alpha	525401
DBSglep	jrnl_transl_rule_specs_audit	525401
DBSglep	jrnl_transl_rule_specs_num	525401
DBSglep	jrnl_transl_rule_associations	525401
DBSglep	jrnl_transl_audit	525401
DBSglep	ldr_transl_rndg_accts	525401
DBSglep	jrnl_transl_rule_assoc_audit	525401
DBSglep	jrnl_transl_audit_glep_lines	525401

Permissions for these new tables are granted to public as a default. Give access to these tables to users or security groups for Ledger who will be responsible for the following activities:

- fgIc0900 - Ledger Posting
- fgIc0920 - Ledger Upload
- New activities (see the activity names listed previously)

## Updated Tables

New columns were added to the following tables for this cumulative.

The data in these tables will be migrated to the new table format as part of the cumulative installation process. We do not anticipate this migration being a lengthy step because these tables do not usually contain a large volume of data rows.

Database	Table Name	New Columns	Solution
DBSglep	ldr_amt_class_type_policy	ldr_intraentity_bal_opt ldr_intraentity_begin_date ldr_intraentity_end_date	8434
DBSglep	unposted_jrnl_ctrl	ldr_intraentity_bal_ind ldr_intraentity_ctrl_id ldr_intraentity_rule_id jrnl_translation_ind	8434 525401
DBSglep	work_unposted_summ_jrnl_ctrl	ldr_intraentity_bal_ind ldr_intraentity_ctrl_id ldr_intraentity_rule_id jrnl_translation_ind	8434 525401

If row-level locking is enabled on these tables, you must reset locking to page level locking and drop and recreate all triggers before installing the cumulative.

## Impact on Ledger Posting Performance

Implementing the new functionality for Journal Translation and Intraentity Balancing has the potential to affect performance and run times for Ledger Posting as a result of the additional processing required to support these features. The performance impact will depend on the complexity of the options and setup of the rules, as well as the number of additional journal lines that will be created by those options. For detailed examples and current benchmark information, see Bulletin Board Topic 279901 on AnswerLink. We recommend that you sign up for this topic so that you will be notified as we update this topic with additional details.

Before implementing this feature in your Production environment, Geac strongly recommends that you fully evaluate the impact on your regular Posting cycle times by running parallel tests that mirror your Production environment. This allows you to verify that the new run time meets any limitations on your nightly, weekly, or monthly schedules for completion of the Posting processing.

SmartStream Builder PBL Corrections

PBL	Object/Window	Function/Event	Solution
fgl.pbl	fgl0400_chart_of_accounts	fgl0400_chart_of_accounts::dbupdate dw_singlerow::itemfocuschanged(event)	524260
	fgl0200_entity_policy	fgl0200_entity_policy::resize ::dbupdate dw_singlerow::itemfocuschanged(event)	524260
	fgl0800_posting_request	initwindow	268672
	fgl0430_account_balance	dw_singlerow::itemfocuschanged dw_singlerow::itemfocuschanged(event)	523973
	fgl6000_online_post(function)	::dbupdate dw_singlerow::itemfocuschanged(event)	288242
	fgl0435_account_balance_inquiry	function format_amounts	526858
	fgl0435_account_balance_inquiry	dw_3::getfocus event	526858
	fgl0435_account_balance_inquiry	event initwindow	526858
	fgl0435_account_balance_inquiry	dw_1::getfocus	526999
	fgl0435_account_balance_inquiry	dw_2::getfocus	526999
	fgl0435_account_balance_inquiry	dw_3::getfocus	526999
	fgl0436_account_balance_history	dw_tabular::retrieverow	30835
	fgl0440_account_balance_inquiry	dw_tabular::retrieverow	30835
	fje.pbl	fje0030_unposted_journal_list	wf_select_for_post dw_singlerow::itemfocuschanged(event)
fje0010_unposted_journal		dw_full_ctrl::itemchanged dw_singlerow::itemfocuschanged(event)	516484
fje0010_unposted_journal		dw_ctrl_repeat::itemfocuschanged	521166
dw_ctrl_repeat			
itemfocuschanged event			
fje0010_unposted_journal		dw_singlerow::itemchanged dw_singlerow::itemfocuschanged(event)	524196
fje0011_create_je_using_tmp		cb_1: clicked dw_singlerow::itemfocuschanged(event)	524196
fje0030_unposted_journal_list		wf_post_journals ::dbupdate dw_singlerow::itemfocuschanged(event)	288242
fje0010_unposted_journal		dbupdate	524196

PBL	Object/Window	Function/Event	Solution
	fje0010_unposted_journal	retrieve_document	525793
	fje0010_unposted_journal	dw_ctrl_repeat::itemchanged	525306
	fje0020_posted_journal	instance variables	30084
	fje0020_posted_journal	initwindow	30084
	fje0020_posted_journal	actionselected	30084
	fje0020_posted_journal	close	30084
	fje0020_posted_journal	dw_singlerow::itemchanged	30084
	fje0020_posted_journal	init_instance_variables	30084
	fje0020_posted_journal	wf_create_reversing_jrnl	30084
	fje0020_posted_journal	wf_txn_mgt	30084
	fje0020_posted_journal	wf_db_connections	30084
	fje0020_posted_journal	wf_init_for_funds_control	30084
	fje0020_posted_journal	wf_db_disconnect	30084
	fje0020_posted_journal	wf_notify_approvers	30084
	fje0020_posted_journal	wf_call_fc	30084
	fje0021_create_reversing_je		30084
	fje0020_reverse_journal		30084
	fje0010_unposted_journal	wf_is_fc_needed	526580
	fje0010_unposted_journal	clicktabentrydw	527045
	fje0010_unposted_journal	dbupdate	526978
	fje0020_posted_journal	event refresh	526404
	fje0010_unposted_journal	dbupdate	529117
	fje0010_unposted_journal	get_new_adj_pd	526978
fjei.pbl	fje0020m_posted_journal_menu		30084
	fje0001_special_text		30084
	fje0010d_singlerow		202184
	fje0338_status_bar_function		30084

## MS Access Corrections

Solution Source MDB	Language	Target MDB/MDA to be corrected:	Rerun UDAK Process?
653fgl1e.mdb	English	fgl32.mdb	Yes

## What Has Changed

MDB/MDA	Component	Type	Subcomponent	Solution
fgl32.mdb	FGL_reversal_sql	query		524604
	FGL_Reversal	module	FGL_InitFieldLists	524604
	FGL_Parameters	form		524877
	Revaluation/Restatement Journal	Report		521131
	FGL_reval_outputtype	Table		521131
	FGL_Report_Values_And_Totals	module	FGL_gettypeofoutput	521131
	FGL_Report_Values_And_Totals	module	FGL_curr_type_2	521132
	FGL_Report_Values_And_Totals	module	FGL_getorigin	521132
	FGL_curr_type_2	Table		521132
	Account Posted Journal Detail	Report		521132
	FGL_Calculate_Balances	Module	FGL_Bud_Act_Bal	529845

## Schedule Processes Updated

The following scheduled processes have been modified as part of this cumulative. If you have a Microsoft Job Server and the user ID used to install the cumulative does not have administrative rights to the Microsoft Job Server, you need to copy these files from the patch\batch\ntintel directory of your SmartStream file server image to your Job Server workstation.

Program	Description	Solution
fglc0900	Ledger Posting	525401, 8434
fglc0920	Ledger Upload	525401, 8434

# 11 Product Details for Payables

## Chapter Contents

- 11-1 Solutions Addressed
- 11-3 Special Instructions and Changes

## Solutions Addressed

### 524364 Solutions

Solution	Description
318312	Receipt Accruals on archived matched payment requests gives receipt wrong receipt accruals records
331294	POs closed on same day as effective date on Receipt Accrual Req are still picked up for Receipt Accr
333331	Repeatedly running Receipt Accrual and Ledger Post will allow Receipt Accruals to be duplicated.
519480	When loading non-matched Invoices, would like Unit price to calculate.
521260	DocLink Topic 154945 - Erroneous information regarding the Reset Logical Locks for Payments
523398	Payables What Happens During Processing? Table Changes
524537	IBAN (International Bank Acct Nbr) logic missing from CheckDocument-PrintFile when using fpyc0500
524606	Payments archive purge causes DBSprqt log to fill up.
524728	File Open Search returns no data to Invoice activity when only Vendor ID & Invoice Nbr are criteria.
524730	Invoices processed through Funds Control can be deleted after being posted to Ledger.
524969	Project Invoice Posted to Projects can be deleted
525270	In 6.5.0, fpyc0500.exe writes the records to the output file in no specific order.
525335	Update of Payables stored procedures to utilize index's name instead of the relative index number
525357	Invoice Date does not print on check stub with Payable Entities and Separate Remittance
525613	Since Cumulative 379341, Canadian bank nbr appended to bank acct nbr for CheckDocument-PrintFile
525650	Recurring Invoice - Incorrect Accrual Effective Dates passed to Fund Checking.
525819	No payment information found on invoice paid to a factor after a payment number replacement.
525908	Cancel Payments - pcf90520 + Error initializing user object ffc1000_nvuo_funds_check.

## Solutions Addressed

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<b>Solution</b>	<b>Description</b>
526041	"Unclosed quote" error when apostrophe exists in country sub entity column.
526066	Apostrophe in Vendor ID causes error in matching program when Invoice requires Approval.
526080	Last Available Payment Reference Number in a range is dropped when using On Demand Payment
526135	Using a space at the beginning of an Invoice Number in Payables does not Funds Check.
526338	Payments Archive/Purge purges payments with activity in current year when issued in previous year
526427	Cannot save Invoice with many lines (4400 or more).
526779	Payment Request Journal Secondary Amount has the wrong sign.
528665	Accounting Distribution change updates the wrong account balance if the journal was already validated ( jrnl_status_code = V)
528671	Invoice with 0405 matching exception due to Multicurrency matching unit price calculation with too many decimals

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## Special Instructions and Changes

### Special Instructions

#### Solution 318312 - Receipt Accrual Performance Updates

Solution 318312 enables Receipt Accrual job to include archived invoices attached to open purchase orders in receipt accrual calculation. However, an additional parameter must be included on the Job Scheduler job to trigger the inclusion of archived invoices. This parameter is optional.

In Job Scheduler, after the Receipt Request ID in the job parameters, add **\_ARCHIVE\_** if you want to include archived invoices in receipt accrual calculation. The job parameters must be separated by a space.

Note that processing time increases if this additional data is included in calculations.

#### Table Index Changes

The following indexes will be added or updated during the installation of this solution:

Database	Table	Index	New or Updated	Solution
DBSpqrt	receipt_accrl	receipt_accrl	Updated	333331

### SmartStream Builder PBL Corrections

PBL	Object/Window	Function/Event	Solution
fapi.pbl	fgl0445t_py_jrnl_list	dbupdate	529012
fap1.pbl	fap0400_nvuo_invoice_header2	dbdelete	524969
		initialize_structures(); instance variable	525650
	fap0400_invoice	reset_default_booleans();delete_invoice_edits()	524969
		create_correcting_entry()	524728
			528655
	fap0400_nvuo_fc	initialize_structures	525650
	fap0400_nvuo_dbupdate	look_up_acctg_distn()	526427
	fap0400_nvuo_frequently_called	dw_singlerow::itemchanged	526427
	fap0400_nvuo_external	maintain_jrnl_entry	526779
		maintain_jrnl_ctrl	528655
fap0400_nvuo_invoice_header		dw_invoice_acctg_distn::itemchanged	528655
fap2.pbl	fap0800u_approval	initialize_structures	526135
	fap0400_invoice_approve	actionselected	526135
fpy.pbl	fpy0320_pmt_detail	validate_distribution()	525908

### MS Access Corrections

Solution Source MDB	Language	Target MDB/MDA to be corrected:	Rerun UDAK Process?
653fpy1e.mdb	English	fypmt32.mdb	No

### What Has Changed

MDB/MDA	Component	Type	Subcomponent	Solution
fypmt32.mdb	Link Globals	Module	IBANFormat	525613
	Paper Link	Module	ResetForEachDocument	525357

### Schedule Processes Updated

The following scheduled processes have been modified as part of this cumulative. If you have a Microsoft Job Server and the user ID used to install the cumulative does not have administrative rights to the Microsoft Job Server, you need to copy these files from the patch\batch\ntintel directory of your SmartStream file server image to your Job Server workstation.

Program	Description	Solution
fapc0600.exe	Receipt Accrual	333331
fapc0900.exe	Matching	526066
fpyc0400.exe	Payments	526080
fpyc4032.dll	Payments DLL	526080

## 12 Product Details for Projects

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### Chapter Contents

- 12-1 Solutions Addressed
  - 12-2 Special Instructions and Changes
- 

### Solutions Addressed

#### 524364 Solutions

Solution	Description
312288	Project's product documentation unclear concerning length of journal line number.
525430	Copy feature not working in Projects Distribution Window
527225	Online 'Project Balance Maintenance' does not work when a row on the project_message table with same

#### 526076 Solutions

The following solutions are delivered with the Common Cumulative Solution 526076. If they were not previously applied, they are automatically applied when the Financials and Procurement Cumulative 524364 is applied.

Solution	Description
525294	Customizer Activity Online Help does not list Projects activity but you can use it for this activity

## Special Instructions and Changes

### SmartStream Builder PBL Corrections

PBL	Object/Window	Function/Event	Solution
fpa.pbl	fpa5200_project_allocation_dist_def	dbsaveas	525430
fpj.pbl	fpj3100_balance_maintenance	dbdelete	527225

# 13 Product Details for Purchasing

## Chapter Contents

- 13-1 Solutions Addressed
- 13-3 Special Instructions and Changes

## Solutions Addressed

### 524364 Solutions

Solution	Description
255350	Matching control code cannot be changed after po saved
268599	PO window line required date field level help is misleading
521556	Req error when entering project keys for stocked/expensed item
523773	On Purchase Order activity, fgl28420 issued after alternating defaulting and keyed Ledger Entity IDs
524771	PO save not properly funds checking when acctg distribution reference different Ledger Entities
524826	The DBSpoon.purchase_order_ext.comnt_text field cannot be viewed via Impromptu
524864	PO Journal Line Distn Pct > 100 when sched line ship-to site changed after acctg distrib split
524867	Requisition Open:Appr but lines still in New:PApprv status - cannot process further
525626	New Purchase Entity enable 2 Req Comment Copy fields. Save. Retrieve Entity, fields are disabled.
525638	Requisition Approval Status: Bogus mrq33000 'Fund Exceptions exist...' message
526000	Since SP3, PO Load may issue bogus "Accounting Key Element xxx is required .." messages
527092	SUP:Purchase Order window Refresh displays stocked item accounting distribution a non-stocked item
527217	Batch Req to PO (mpob0020) incorrectly issues err msg mpo35505-PO lines added On Hold
528483	Sybase Batch Req to PO, mpob0020, hangs creating blanket order release against req line w/ same item nbr
528484	Batch Req to PO, mpob0020, incorrectly creates blanket order release against req lines with funds exception

## Solutions Addressed

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<b>Solution</b>	<b>Description</b>
528602	Reservation not processing Requisitions chged from New:PApprv to Open:Apprv (b/c no tickler demand row)
528609	Purchase Order error mpo0100_edit_jrnl_for_update line 82(stockroom chged ship-to & require date is blank)

## Special Instructions and Changes

### SmartStream Builder PBL Corrections

PBL	Object/Window	Function/Event	Solution
mpo.pbl	mpo0100_jrnl_line_changed()		523773
	mpo0100_line_changed_jrnl_cols()		523773
	mpo0100_nvuo_fc	determine_fc_call()	524771
	mpop0100_line_sched_itemchanged_1( )		524864
	mpop0100_line_sched_itemchanged_2( )		524864
	mpo0100_poln_itemchanged_2( )		524864
	mpo0100_update_source_doc_ref( )		524864
	mpo0100_process_distribution		527092
	mpo0100_line_sched_itemchanged_3()		528609
	mpo0100_po_document	f_load_vendor_defaults(); set_color_taborder()  enterkeystruck	255350  527092
	mpo0100_check_distn_type()		527092
mrq.pbl	mrq0100_set_update_doc_status(funciton)		528602
	mrq0100_set_update_line_status( )		524867
	mrq0140_approval_status	function: post_update_edits()	525638
	mrq0140_requisition_approve	event: open	525638
	mrq0130_nvuo_fc	window function: determine_fc_call()	525638 524771
	mrq0140u_approval	function: post_update_edits()	525638
	mrq0100_requisition_maintenance	window function: cancel_requisition()  window function: reset_main_view_menu()	526342

### Schedule Processes Updated

The following scheduled processes have been modified as part of this cumulative. If you have a Microsoft Job Server and the user ID used to install the cumulative does not have administrative rights to the Microsoft Job Server, you need to copy these files from the patch\batch\ntintel directory of your SmartStream file server image to your Job Server workstation.

<b>Program</b>	<b>Description</b>	<b>Solution</b>
mpob0020	Batch Req to PO	528483
mpoc0100	Purchase Order Extract	5248226
mpoc0600	Purchase Order Load	526000

# 14 Product Details for Receivables

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## Chapter Contents

- 14-1 Solutions Addressed
  - 14-3 Special Instructions and Changes
- 

## Solutions Addressed

### 524364 Solutions

Solution	Description
272236	Dutch Translation issue on the Visualisation for Remittance activity
460429	Financial Charges French Help Contents (far7fr.cnt) not translated
524640	Deposit does not show all remittances associated with it and shows incorrect calculated amount
524843	Able to load & post receivable doc's with more decimal places than allowed by CM
525011	far36701 error calling Funds Control when writing off a receivable document with deferred revenue
525556	Receivable Document Write Off - Funds Control does not use the Write Off Effective Date
525632	far0101 can close invalid zero receivable documents
525767	Loading language kits on 6.5.03 : farxprc.sql : Reason code used error
525858	A receivable document can not be deleted if associated with a Billing Document
526197	far0101 does not process tax transactions correctly
526302	Receivable Document List activity window is causing locks for other activities
526673	farstm32.mdb does not close down after running the Recv Acct Statements via job scheduler
526933	Receivable Account Load: DBMS message 515, state 2, severity 16 - Cannot insert the value NULL
527021	When archiving Receivable Accounts receiving "Attempt to insert Duplicate key row..." Error
527164	Uploading a duplicate control group will move the Receivable Documents to the recv_doc table
527427	Remittance file created by FARC6100 has a '0' in position 6 of the recv account bank number
528326	Getting open browse tables up to date for Financial products.

## Solutions Addressed

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<b>Solution</b>	<b>Description</b>
528481	Arithmetic overflow error on receivable document activity when more that 5 numeric characters entered after '-'
528571	Arithmetic overflow error in farc0101on Sybase
529214	Receivable document line description cannot be seen on Dutch client

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## Special Instructions and Changes

### Special Instructions

#### Table Index Changes

The following indexes will be added or updated during the installation of this solution:

Database	Table	Index	New or Updated	Solution
DBSrrcv	recv_acct_comnt_archive	recv_acct_comnt_archive	Updated	527021

### SmartStream Builder PBL Corrections

PBL	Object/Window	Function/Event	Solution	
far1.pbl	far0004_receivable_document	actionselected	525011	
		INSTANCE VARIABLES	525858	
		validate_billing()	525858	
		dbdelete	525858	
		instance variable declaration	525556	
		postscript	525556	
		dbdelete	525556	
		dbupdate	525556	
		far0003_receivable_document_list	retrieve_new_list()	526302
		far0004_recv_doc_uo	balance_receivable()	524843
funds_control_check()	525556			
far0004_writeoff	cb_ok::clicked	525556		
far2.pbl	far2001_remit_alloc	get_rev_recog_rule_id()	525011	
		dw_doc_deductions_row::itemchanged	525011	

### MS Access Corrections

Solution Source MDB	Language	Target MDB/MDA to be corrected:	Rerun UDAK Process?
653far2e.mdb	English	farstm32.mdb	No

### What Has Changed

<b>MDB/MDA</b>	<b>Component</b>	<b>Type</b>	<b>Subcomponent</b>	<b>Solution</b>
farstm32.mdb	DualCurr Module	Module	GetOtherArgs()	526673
	DualCurr Module	Module	FormatDualCurrency()	526673
	DualCurr Module	Module	FormatDualCurrency_1	526673
	DualCurr Module	Module	FormatDualCurrency_2	526673

### Schedule Processes Updated

The following scheduled processes have been modified as part of this cumulative. If you have a Microsoft Job Server and the user ID used to install the cumulative does not have administrative rights to the Microsoft Job Server, you need to copy these files from the patch\batch\ntintel directory of your SmartStream file server image to your Job Server workstation.

<b>Program</b>	<b>Description</b>	<b>Solution</b>
far0101	Receivables Document Load	526197
far0120	Receivables Document Posting	526197
far05024	Finance Charge Receivables Document Create	526197
far06100	Receivable Bank Distribution	527427
far04450	Receivable Account Load	526933

# 15 Product Details for Receiving

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## Chapter Contents

- 15-1 Solutions Addressed
  - 15-2 Special Instructions and Changes
- 

## Solutions Addressed

### 524364 Solutions

Solution	Description
523989	Receipt activity not updating status correctly on Closed PO's with multiple schedules per PO line
524276	Receipt Activity that reopens a Closed PO line is not adding consolidated PO line sched
524568	Return in UOM different from receipt UOM updates DBSreqm..sched_rcpt_detail incorrectly
524982	SP3 Beta Site-Return window to vendor from stockroom hangs when selecting 2 or more po lines scheds
528599	Asynchronous RPC calls need to be removed from the Receipt Exception window

## Special Instructions and Changes

### SmartStream Builder PBL Corrections

<b>PBL</b>	<b>Object/Window</b>	<b>Function/Event</b>	<b>Solution</b>
mds.pbl	mds3000_return	setup_bin_hist_structs()	524982
		validate_return_qty( )	524568
	mds_receiving_uo	validate_qty()	30125
	mds0820_receipt_exception	po_line_sched_update()	528599

# 16 Product Details for Supplies Management

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- 16-1 Solutions Addressed
  - 16-2 Special Instructions and Changes
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## Solutions Addressed

### 524364 Solutions

Solution	Description
30125	When attempting to over receive transfer, need different message for Receipt Maint
524234	Batch Replenishment incorrectly generates Replen Requisitions b/c it disregards Returns
526243	Solution 434396 did not fix the entire problem with Replenishment Group activity Search Items
526342	Cancel Requisition not available when lines are a mix of Open:Appr and Closed status
526622	Batch Replenishment Job Output writes incorrect total of stockroom items processed
526654	One step picking closing requisition lines short, causes incorrect issue quantity on Confirm Picklist
526725	Print/Confirm Picklist Error pcf90520 + ffc01000 initializing user object ffc1000_nvuo_funds_check
526832	After Service Pack 3, items with a zero minimum quantity are NOT replenishing anymore
526903	Site window error "0x115228f4 referenced memory at "0x00000000" when no Currency is setup
526912	Attempt to insert duplicate row in table cost_inv_acct for reversal of Issue to Transfer (ITI)
527017	Journal Creation return code 4 duplicate insert in cost_jrnl_ctrl with unique index cost_jrnl_ctrl
529748	Corrective SQL for cost_item_stkr data out of sync with inventory_stockroom not delivered in 478450

## Special Instructions and Changes

### Special Instructions

**Solution 526654 - Data Correction for Issue Quantity** As a result of this error, the issue quantity on the requisition line might not be correct. Along with the code correction to prevent the problem, this solution also delivers and compiles stored procedures to use to correct the data. These stored procedures are not executed during the application of the solution. You need to follow the manual steps outlined in the following paragraphs to correct your data.

#### Process to Correct Individual Picklist Lines

If you know which picklists were generated that caused the incorrect issue quantity, you can execute the `fix_req_line.sp` stored procedure that was compiled to the DBSiplm database when the solution was applied. The parameters for this procedure are the site ID, stockroom ID and picklist ID. You must be in the DBSiplm database to execute this procedure. This is an example of the command to run this stored procedure:

```
Fix_req_line "US01", "101", "000001"
```

This procedure examines all the lines for the picklist, sum the issue quantity and picklist quantity and compares the summed issue quantity to the issue quantity on the requisition line. If they are not equal, the requisition line issue quantity is updated. This process also updates the requisition line and requisition status codes.

#### Process to Correct Multiple Picklist Lines

If there are large numbers of picklists in error, you can execute the `select_req_lines.sp` stored procedure. This procedure was compiled to the DBSreqm database when the solution was applied. This procedure examines the requisition first instead of the picklist. It can be run in either update or inquiry mode. Update mode fixes the requisition lines that are out of sync with the picklist. The parameters for this procedure are the update mode, site ID, beginning requisition ID and ending requisition ID. To run the stored procedure, go to DBSreqm database and enter the following command:

```
exec select_req_lines.sp<Update mode ind>,<site>,<beginning req id>,<ending req id>
```

The values for the update mode are Y or N. A value of Y tells the procedure to update any requisition lines that are out of sync, and a value of N tells you what requisition lines are out of sync but does not update them.

If you know the requisitions in question you can enter a range. If you want to select only one requisition, enter the same requisition ID in `<beginning req id>` and `<ending req id>`. If you want to search the entire database, do not provide requisition IDs. If you know the range of requisitions that are affected by this problem, it is recommended that you use this option to improve the performance of this procedure.

In both update modes of Y and N, this procedure returns the req\_id, req\_line\_nbr, stockroom\_id, picklist\_id, picklist iss\_qty, and req\_line issue\_qty information for those lines where the requisition line issue\_qty is not equal to the sum of the picklist iss\_qty. Running with an update mode of N allows you to see which requisition lines need to be updated to correct the data before actually running the update.

If the update mode is Y, this procedure examines the issue quantity on the requisition lines and compares that to the sum of the issue quantity on the picklist line. If they are not equal, the requisition line issue quantity is updated. This process also updates the requisition line and requisition status codes.

### **Solution 529748 - Data Correction for On Hand Quantity**

This solution is included in this cumulative. It automatically compiles and executes the msp\_update\_ohqty stored procedure on the DBScost database. This procedure sets the on\_hand\_qty field on the cost\_item\_stkr table equal to the sum of the on\_hand\_qty field on the inventory\_stockroom table for **all** items at **all** sites. After this has been accomplished, it then examines all unvalued transactions on the cost\_inv\_hist table and calculates the on\_hand\_qty on the cost\_item\_stkr table based on the transaction\_qty and end\_qty from the cost\_inv\_hist table. After the procedure is executed and you run Transaction Valuation, the cost\_item\_stkr and inventory\_stockroom tables should be in sync again.

Note that as part of the processing of this SQL, the quantities are converted if the cost\_item table's unit of measure is different from the cost\_item\_stkr table's unit of measure. The conversion routine generates an error if the conversion factor is not found on the cost\_uom\_conversion table. The conversion stored procedure writes an informational To Do message, Add UOM Conversion, to the DBS Workgroup. This informational To Do message tells you what UOM conversion was not found. This conversion has to be added, and the cumulative has to be restarted. Note that the cumulative restarts with the execution of this stored procedure.

The cumulative also contains updated versions of the DBSpplm..mtrg\_upd\_pplm trigger and the DBScost..msp\_ins\_cist stored procedure that will prevent future occurrences of out-of-sync data on the cost\_item\_stkr table.

Because the corrective SQL provided in this solution uses Actual Inventory Balances, please make sure no inventory processing is occurring when this cumulative is applied.

### SmartStream Builder PBL Corrections

PBL	Object/Window	Function/Event	Solution
mbm.pbl	mbm0400_replenishment_group	actionselected	526243
mcd.pbl	mcd0050_plant_mstr	dw_singlerow::itemchanged	526903
mim.pbl	mim0800_print_picklist	line_detail_logic()	526654
		print_picklist()	526725
	mim0810_confirm_picklist	dbupdate	526725

### Schedule Processes Updated

The following scheduled processes have been modified as part of this cumulative. If you have a Microsoft Job Server and the user ID used to install the cumulative does not have administrative rights to the Microsoft Job Server, you need to copy these files from the patch\batch\ntintel directory of your SmartStream file server image to your Job Server workstation.

Program	Description	Solution
mimc3010	Batch Replenishment	526622
		526832
mcmc0050	Journal Creation	527017

SmartStream®

## **SmartStream 6.5**

*SmartStream Service Pack 3*

Release 6.5.03

May 9, 2003

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## About Solution 478450

### Overview

SmartStream 6.5.03 Service Pack 3 (Solution 478450) can be applied to the SmartStream 6.5.02 release.

This service pack provides the following benefits:

- Delivers all code corrections and enhancements for SmartStream 6.5.03 to the English, French, Spanish, Dutch, and Italian versions of SmartStream 6.5 in one installation process.
- Provides support for Microsoft SQL Server 2000 in addition to Microsoft SQL Server 7.0.
- Provides back-office updates to SmartStream in support of the new releases of Benefits Enrollment 2.0 and Employee Self Service 1.3.

### Product Delivery

As of January 1, 2003, Geac no longer ships CD's to U.S. customers. CD's will be shipped to non-U.S. customers. The English, French, Spanish, Dutch, and Italian versions of SmartStream 6.5.03 Service Pack will be available as downloadable attachments on solution 478450 on Answerlink.

### Documentation

#### Installation Documentation

Before beginning this installation:

- Review this document, including the Special Instructions under Product Details for each product you have installed.

- If you have not previously installed the SmartStream Financials and Procurement Cumulative 379341, see SmartStream Solution 379341 on AnswerLink for important information about this cumulative. Cumulative 379341 will automatically be applied with Service Pack 3 if not already installed.
- See SmartStream Solution 478450 on AnswerLink for important information about this service pack.
- Review the *Applying Service Packs and Solutions* document in DocLink under SmartStream 6.5, Service Packs and Solutions.

Review the following Bulletin Board topics on AnswerLink under SmartStream, Release Information, 6.5.03 (Service Pack Solution 478450):

- 6.5.03 Critical Issues (Topic 276227) for the latest installation information for the version of SmartStream that you are installing.
- 6.5.03 Supported Technical Environments (Topic 276228) for the latest information about requirements for running SmartStream with the various operating systems, database servers, and client workstations.
- 6.5.03 Migration Roadmap (Topic 276230) for the latest info about migrating to SmartStream 6.5.03 from release 6.0.03.
- Product Staging Policy (Topic 78834) for the dates for transition of the SmartStream 6.5 releases from Stage 1 to Stage 3.

Upon general availability of this service pack, you must install 6.5.03 to receive solutions delivered after the service pack, excluding production-down solutions, as documented in the existing Support Policy.

**Product Documentation** The SmartStream product documentation has been updated to include instructions for using the enhancements and solutions delivered with this service pack. The Help files are delivered with Service Pack 3. The SmartStream Library can be accessed through DocLink.

**Printing the Files Included in the Solution**

Use the following procedure to generate a list of the files that will be updated by the solution 478450.

Step	Action
1	In File Manager, select file: <b>geac\patch\setup.exe</b> .
2	Choose Run from the File menu.
3	Position cursor one space beyond the filename and type the letter I. Example: <b>setup.exe I</b>
4	Enter the solution number when prompted. <b>Result:</b> A message appears explaining where the list output file name will be displayed.

	Choose OK.
<b>5</b>	Move the Solution Number Entry window, as needed, to record the name and location of the output list file. Choose OK.
<b>6</b>	Enter another solution number to list contents or choose Exit.

## Special Installation Instructions

**Server Logon Prompt** Because this cumulative may update the master database, you must use the **sa** logon and password whenever the Solution Delivery program prompts for a server logon.

**Sybase Row-Level Locking** This cumulative contains an update to one or more tables that will require the execution of the bulk copy program utility (bcp) in order to preserve existing data. Because of this, you must verify whether or not row-level locking is enabled on the affected table prior to applying this cumulative. If row-level locking is in use, it will be necessary to reset the lock scheme from row-level to page level using the alter table command. Any associated triggers should also be dropped and re-created for the table. Once the cumulative has been successfully applied, row-level locking can be re-instated, and the triggers dropped and re-created again.

For additional information, refer to the Applying Service Packs and Solution documentation. Refer to the Special Instructions heading in the Product Details section for each product to identify the tables that will be updated by this solution.

### Microsoft Access Considerations

All products that are delivering Microsoft Access mdb changes in this service pack will deliver these changes in a separate solution MDB file. These files will be used by the Access solution utility (dbpush32.mdb) to copy the updated Access components from the solution MDB replacing the objects in the application MDB. For this service pack, these files are named 652xxxx.mdb, where xxxx identifies the product family and language.

Prior to applying this service pack, you must apply the solution MDB files from Service Pack 1 (Solution 221217) and Service Pack 2 (Solution 262253) as the service pack solution MDBs do not contain the changes included with Service Pack 1 and Service Pack 2. The solution MDB files from Service Pack 1 are named 650xxxx.mdb. The solution MDB files from Service Pack 2 are named 651xxxx.mdb. Please note that you should apply the solution mdb to a version of the application mdb that has not been customized for your udak key yet. Otherwise you will receive the error "3265 Item not found in this collection".

For additional information about the Access solution utility, refer to the Update Reporting MDB Files chapter of the *Applying Service Packs and Solutions* document on DocLink.

### User-Defined Accounting Key Considerations

After the successful load of this service pack, it will be necessary to apply PowerBuilder changes to the user-defined accounting key data windows, if either of the following conditions exist:

- You have Assets Management installed
- You have not previously installed Ledger enhancement 468427

If neither of these conditions exist, you can skip this step.

Refer to the procedures in the *Applying Service Packs and Solutions* document on DocLink, under the section Apply Updates to the User-Defined Accounting Key for additional information.

### Service Pack Installation Utility

In order to start the service pack installation process, you must run the setup.exe from the Install CD or the folder into which you downloaded the service pack files. Do not run the setup.exe from the patch directory on your SmartStream file server.

For additional information, refer to the procedures in the Start the CD Install Utility section of the *Applying Service Packs and Solutions* document on DocLink.

## Installation Prerequisites

The following solutions are pre-requisites for Solution 478450:

- Service Pack 1 - Solution 221217
- 173132 for Funds Control Only
- 180119
- Service Pack 2 - Solution 262253

The following solutions are **optional** prerequisites for this service pack. If these solutions are not installed prior to installing 478450 Service Pack 3, the service pack installation process will automatically install these solutions:

- 379341 Financials and Procurement Cumulative Solution: This solution also includes the following solutions:
  - 480448 Common Cumulative Solution
  - 483443 Receivables Billing Integration Cumulative Solution

The following solution is being delivered for the first time and will automatically be applied prior to installing Service Pack 3:

- UDAK Solution 523565

The following cumulative solutions have been included in and will be redelivered in Service Pack 3:

- 479442 Human Resources Cumulative
- 476444 U.S. Year-End 2002 Regulatory Reporting
- 476445 U.S. Year-End 2002 Regulatory Reporting

## Post-Installation Tasks

### Solution 522462- Receivables Reversal of Failed Remittance

Following the installation of SmartStream 6.5.03, SmartStream Receivables customers must install individual solution 522462, which will be made available on AnswerLink. This enhancement will allow remittance failure to be recorded, resulting in the reopening of related items and reversal of processing performed at the time of remittance allocation (similar to payment cancellation in Payables). In addition, users can enter reason codes to explain why the remittance failure occurred. Refer to this solution on AnswerLink for additional information on this functionality.

This solution will add new columns to the following tables and migrate existing data to the new table format.

DBSrrcv..remit

DBSrrcv..remit\_archive

DBSrrcv.recv\_reason\_code

Because some of these table migrations may require additional time and resources not usually associated with a service pack implementation, and to allow a phased approach to implementing the service pack, this solution was not included in Service Pack 3. As additional performance testing is completed for this solution, time and estimated space requirements will be provided on AnswerLink to allow you to better plan your implementation of this solution.

**You must implement this solution before receiving any solutions for Receivables subsequent to Service Pack 3.**

## HR Considerations

SmartStream 6.5.03 Service Pack 3 must be installed before the Human Resources year-end solutions for 2003.

## Active Access Application Considerations

SmartStream 6.5.03 Service Pack 3 must be installed prior to installing the new releases of Benefits Enrollment 2.0 and Employee Self-Service 1.3. Service Pack 3 provides the back-office updates to SmartStream that are required in order to support the new releases of these Active Access products.

## Migration and Upgrade in Place Considerations

Prior to installing Service Pack 3, you must install Service Pack 1 solution 221217, solution 180119 (all customers), solution 173132 (Funds Control customers only), solution 165213 (Human Resources customers only), and Service Pack 2 solution 262253. This Service Pack (solution 478450) and some of its pre-requisites require migration of data in order to accommodate changes to table definitions. In order to facilitate a smoother, more efficient migration to the current release level for SmartStream 6.5.03, we have outlined the following recommendations.

If you **have not** already migrated your data from SmartStream 6.0.03 to 6.5:

- Refer to AnswerLink Bulletin Board Topic 276230 - 6.5.03 Migration Roadmap for instructions.

If you **have** already migrated your data from SmartStream 6.0.03 to 6.5:

- Install Service Pack 1 solution 221217, if not already installed.
- Install post Service Pack 1 solutions 180119 and 173132, if not already installed.
- Install Service Pack 2 solutions 262253, if not already installed.
- Install the following **optional** solutions. If these solutions are not installed prior to installing 478450 Service Pack 3, the service pack installation process will automatically install these solutions first before installing Service Pack 3.
  - 480448 Common Cumulative Solution
  - 379341 Financials and Procurement Solution
  - 483443 Receivables Billing Integration Solution
- Install Service Pack 3 solution 478450.
- Install all needed solutions from the 6.5.03 Critical Issues List on AnswerLink Bulletin Board topic 276227.

## Implementation Considerations

After successfully installing SmartStream 6.5.03 (Service Pack 3), additional environment setup may be required, depending on your implementation of SmartStream.

### Microsoft Job Servers

If you are running job servers on a Microsoft operating system, you will now be required to set up ODBC connectivity to your database server from your job server workstation, if you have not done so previously. The SmartStream 6.5 Installation Guide chapter *Installing Job Server in a Windows Environment* will be updated upon general availability of Service Pack 3 to provide instructions to accomplish this.

## Microsoft SQL Server Upgrade Considerations

As of SmartStream 6.5.03 and later, SmartStream now supports both Microsoft SQL Server release 7.0 and release 2000. The requirements for running Microsoft SQL Server 2000 in conjunction with SmartStream are as follows:

- Microsoft SQL Server 2000 must be at the Service Pack 3 level.
- The database server operating system must be at the Windows 2000 Service Pack 3 level.
- When installing a new copy of Microsoft SQL Server 2000, the same settings used for SQL Server 7.0 should be selected for SQL Server 2000, with the exception of the **charset**. As of SQL Server 2000, the charset selected should be "**latin\_1**", which has replaced the "iso\_1" setting. When using the Microsoft Upgrade Wizard to upgrade your existing 7.0 server to the 2000 release, this character set will automatically be selected.
- SmartStream will only be supported on the default instance of SQL Server.

**NOTE:** You cannot install a default instance of SQL Server 2000 on a computer that is also running SQL Server 7.0. You must either upgrade the SQL Server 7.0 installation to a default instance of SQL Server 2000, or keep the default instance of SQL Server 7.0 and install a named instance of SQL Server 2000. However, remember that SmartStream will only be supported on the default instance of SQL Server.

- The Microsoft SQL Server 2000 option "**Cross DB Ownership Chaining**" must be enabled for all of the SmartStream databases. This is a new option available as of Microsoft SQL Server 2000's Service Pack 3, and must be identified when installing that service pack. Microsoft provides the option of setting this at the database server level, or at the database level; this functionality must be allowed at the database level as a minimum. Refer to **Solution 523701** on Answerlink for additional information on setting this option and symptoms that will be encountered if not set properly.

For additional information about running SmartStream with Microsoft SQL Server 2000, refer to Bulletin Board topic 276355 - [\*Microsoft SQL Server 2000 - Frequently Asked Questions\*](#).

There are several migration paths you can take in order to begin running SmartStream 6.5.03 on a Microsoft SQL Server 2000 platform.

### Migrating from Sybase to Microsoft SQL Server

If you are converting from a Sybase database server to Microsoft SQL Server 2000, the only additional requirement you need to adhere to is that SmartStream must be at the 6.5.03 release level on your Microsoft SQL Server installation. Refer to the SmartStream 6.5 Installation Guide for additional details on installing SmartStream in a Microsoft environment.

### Upgrading SmartStream 6.0.03 and Microsoft SQL Server

If you are currently on SmartStream 6.0.03, which supports Microsoft SQL Server Release 6.5, you must follow these steps:

- Install Microsoft SQL Server Release 2000 on a separate server
- Install SmartStream 6.5.03 in that SQL 2000 environment
- Execute a traditional SmartStream migration from your SmartStream 6.0.03 environment to your new SmartStream 6.5.03 environment.

Remember that SmartStream will only support upgrading to Microsoft SQL Server 2000 in a SmartStream 6.5 Service Pack 3 and above release level.

### Upgrading SmartStream 6.5 and Microsoft SQL Server

If you have already migrated SmartStream to the 6.5 release level, you have two options for upgrading Microsoft SQL Server to the 2000 release:

#### Install Microsoft SQL Server Release 2000 to New Server

In this scenario, you will need to apply SmartStream Service Pack 3 to your SQL Server Release 7.0 SmartStream installation, and install SmartStream 6.5.03 to your new SQL Server Release 2000 installation. From that point, you can then execute a SmartStream same-to-same migration from your SQL 7.0 installation to your SmartStream SQL 2000 installation.

#### Run Microsoft SQL Server Upgrade Wizard

You can use Microsoft's Upgrade Wizard to upgrade an existing SQL Server 7.0 installation to the new SQL Server 2000 release level.

**Caution:** After you perform this version upgrade, the SQL Server 7.0 installation no longer exists on your computer. The only way to restore an installation of SQL Server 7.0 is to first uninstall SQL Server 2000, perform a complete reinstall of SQL Server 7.0 files, and then restore your SQL Server 7.0 databases from a backup. Make sure you have a reliable backup of your SmartStream databases prior to beginning this process.

You can overwrite an installation of Microsoft SQL Server version 7.0 with a version upgrade to Microsoft SQL Server 2000. If SQL Server 7.0 is detected as an existing installation when you run Setup, you can choose the option to upgrade. In this process, all the SQL Server 7.0 program files are upgraded, and all data stored in SQL Server 7.0 databases is preserved. In addition, SQL Server Books Online for SQL Server 7.0 remains on your computer.

**Note:** SQL Server 7.0 profiler traces and registered servers are not upgraded when SQL Server 7.0 tools are upgraded to SQL Server 2000.

After you upgrade an existing database server from SQL Server 7.0 to SQL Server 2000, you have to prepare the SmartStream databases to run properly on SQL 2000. The SmartStream database preparation will take about the same amount of time it took to load the SmartStream databases during the original SmartStream database create and load process.

To complete the SmartStream database preparation execute the following steps:

- Run the DBTool.exe program located in the DBMS folder of your SmartStream 6.5.03 file server image. The Geac SmartStream DB Tool 1.0 window will be displayed.
- In the Environment section, choose the SQL Server 2000 file server location for the environment to be updated from the dropdown list box.
- In the Database Server section, enter sa and the sa password for the database server displayed.
- In the Operation section, choose **Update Statistics and Recompile Views, Stored Procedures, and Triggers** from the dropdown list box.
- Click the Process button to initiate the SmartStream database preparation. During the database preparation, progress indicator boxes will appear as the different SmartStream databases are updated.
- When the database preparation process is complete, the DB Tool Success Report window will be displayed. Review this report and click on OK when complete.
- Click Exit. The SmartStream database preparation is now complete.

## Products and Languages

Solution 478450 includes corrective code libraries for the following products and languages:

Code	Product Names	Base	English	French	Spanish	Dutch	Italian
A	Shared Components	X	X	X	X	X	X
D	SmartStream Shared Components	X	X	X	X	X	X
E	SmartStream Allocations	X	X	X	X	X	X
F	SmartStream Funds Control	X	X	X	X	X	X
G	SmartStream Asset Management	X	X	X	X	X	X
H	SmartStream Benefits	X	X	X			
I	SmartStream Billing	X	X	X	X	X	X
J	SmartStream Budget	X	X	X	X	X	X
K	SmartStream Builder	X					
L	SmartStream Euro	X	X	X	X	X	X
M	SmartStream Consolidations	X	X	X	X	X	X
P	SmartStream Ledger	X	X	X	X	X	X
U	SmartStream Payables	X	X	X	X	X	X
W	SmartStream Personnel	X	X	X			
V	SmartStream Payroll	X	X	X			
Z	SmartStream Purchasing	X	X	X	X	X	X
0	SmartStream Receivables	X	X	X	X	X	X
2	SmartStream Standard Cost	X	X	X	X	X	X
3	SmartStream Bulk Load	X	X	X	X	X	X
4	SmartStream Projects	X	X	X	X	X	X
5	SmartStream Unit of Measure	X	X	X	X	X	X
6	SmartStream Items	X	X	X	X	X	X
7	SmartStream Procurement Common	X	X	X	X	X	X
8	SmartStream Receiving	X	X	X	X	X	X
9	SmartStream Supplies Management	X	X	X	X	X	X

## File Space Requirements

The Solution Delivery program copies files to the **geac\patch** directory used for client refresh. Before copying any files to the **geac\patch** directory, make sure the file server has available space. The following minimum space must be available (assuming all products are installed):

<b>Product Language</b>	<b>Minimum Space Required</b>
Base and English	80 MB
French	122 MB
Spanish	64 MB
Dutch	64 MB
Italian	64 MB

## 2 Product Details for Shared Components

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### Solutions Addressed

Solution	Description
29487	Vdr Acctg Dist - getting abends doing accounting key browse
30038	Payroll - Employee Payment Pay Transaction High-volume Transaction Entry
173210	Performance During the Save of an Archive/Purge Request
216196	Payment Request Archive to History - performance problem using Payable Entity selection criteria
310305	On File Open Parameters an File Open browse on item, itev or itim gives error message pam00183.
345391	Vendor Earnings and Withholdings Help is missing Puerto Rico Withholding Tax.
368327	Various bank reporting reports do not bring back data in SS 6.5 specified by the correct date range
404366	Performance issues in Uncleared Payments report
475444	Pre-requisite for Ledger Solution 468427 (Account Balance Inquiry activity with enhanced search).
494457	Fbkbatch retains valid data on bank_trans table.
503471	Performance Enhancements for Archive/Purge for Funds Control
518495	The clear window function can cause problems in the Ledger Alias window
520479	Revised Postal Code for Newfoundland in Canada
520600	Enhance SmartStream Benefits base to accommodate Active Access Life & Work Events
520690	Invoice - Defaulting Payment Method is not the expected Vendor Factor payment method.
520807	Enhance Ledger to provide the ability to use Balance, Volume and Equity account types

*(continued)*

## Solutions Addressed

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<b>Solution</b>	<b>Description</b>
521118	Cvn60313 error generated in vendor load for VPNY transaction when column 32 is blank.
521139	Enterprise Policy activity has problems in the French and Spanish language kits
521263	Enhancement - SQL 2000 database upgrade
521610	Error "Object file fcm1000_int_multicurrency_values is out of date" after applying 379341 from CD
522430	Provide the ability to perform Cash Settlement of Credit Memos
522431	Add the ability to view, analyze vendor Payables totals and to drill down from totals to documents
522542	Bank account number not updated on all tables for Netherlands after applying solution 379341.
522462	Receivables - Reversal of Failed Remittance
522663	Funds Transaction archive process fails to archive all exceptions or comments
523712	New skeleton update sql's for maintenance to use post SP3.
523723	No data is returned when running the Payment Clearance Exceptions report. (fbkact32.mdb)
523778	Some processes may not run on Microsoft SQL Server 2000 without additional modifications
523868	Vendor archive/purge performance problem after cumulative 379341
523931	Missing entries in grants.gen files.
524019	Invoice Activity Vendor Browse is Slow in SS6.5.02 even after applying solution 270281.
524114	Vendor Location Address Format issue (Vendor Payables Information and Vendor Purchasing Information)
524197	Deadlock causing delay in posting Journals to ledger from subsystems
524216	Draft not selected for print when created

## Enhancements

The following Shared Components enhancement is included in this service pack.

### Solution 522431

#### Vendor Payables Inquiry

The Vendor Payables Inquiry enhancement provides ready access to the information that SmartStream users need to manage their vendor relationships effectively. These are some of the features:

Users can

- Access key vendor balances for all document types and pertinent statuses
- Justify each balance by drilling down to underlying source documents and journals
- Understand trends and highlight exceptions through flexible search and selection criteria
- Ensure accuracy by calculating real-time vendor statistics
- Manage vendor liabilities through user-defined aging totals with graphical representation.

**Customer Benefit:** Vendor Payables Inquiry enables the customer to

- Manage vendor relationships more effectively.
- Gain instant access to all the information needed on a single window.
- Have a complete set of up-to-the-minute vendor statistics instantly.
- Drill down from key indicators to supporting documents and accounting transactions.
- Have full visibility of future payments and past-due liabilities.

## Special Instructions and Changes

### Special Instructions

#### New Tables

The following tables were added with this service pack. If row level locking is enabled on these tables, you must reset locking to page level locking and drop and re-add all triggers prior to installing the service pack.

Database	Table Name	Solution
DBSvend	vendor_statistics	522431
DBSvend	vendor_aging_tot	522431
DBSvend	payable_aging_policy	522431

#### Updated Tables

The following tables were updated with this service pack to add new columns:

Database	Table Name	New Columns	Solution
DBSntp	entp_human_resources_plcy	gen_hire_id_ind gen_hire_id_prefix gen_hire_id_prefix_len gen_hire_id_begin_at_nbr gen_hire_id_end_at_nbr gen_hire_id_last_nbr	451427
DBSbank	mpt_meth	negative_payment_allowed	522430

#### Updated Table Data

Newfoundland is now formally referred to as Newfoundland and Labrador. Therefore, the postal codes for Newfoundland, NF, and Labrador, LB, have been removed and the new postal code for Newfoundland and Labrador, NL, has been added. Data related to these postal codes was changed in the following tables:

Database	Table	Solution
DBSbank	bank_branch	520479
DBSntp	country_sub_entity	520479
DBSntp	remit_to_info	520479
DBSvend	vendor_loc_bank_acct	520479
DBSvmst	vendor_loc_addr	520479

**Table Index Changes** The following indexes will be added or updated during the installation of this service pack:

Database	Table	Index	New or Updated	Solution
DBScand	fund_transactions_candidate	fund_txns_prim_key_ix	Updated	503471
		fund_txns_row_id_key_ix	New	505468

**Solution 255246** In order for solution 255246 to be fully implemented so that the report can access DBSvmst..vendor, the tables must be detached, then reattached to the fapbal32.mdb.

**Security for Enhancement 522431** In order to implement the new Vendor Payables Inquiry functionality, it will be necessary to complete the following steps to set up new security:

- On the Activity Security window, define full security for the activities Payables Aging Policy and Vendor Payables Inquiry for the appropriate users or groups.
- On the Security Data Control window, define data control security for Control Type of Vendor Identifier and Payable Entity for the activities Vendor Payables Inquiry and Vendor Statistics Update.

### SmartStream Builder PBL Corrections

PBL	Component	Event
Cep.pbl	cep0001_basic_account_distribution	New Function account_key_browse_state
	cep0001_basic_account_distribution	Script dw_singlerow Event editchanged
	cep0001_basic_account_distribution	Script dw_singlerow Event itemfosuschanged
	cep0500_leder_alias	Deselectall cancel initwindow instance variables
	cep0010_ent_policy	Instance variables initwindow viewselected open dw_hr::itemchanged wf_get_sp_name() wf_enable_emp_id_info() wf_enable_appl_id_info() wf_set_up_hr () wf_edit_hr_save () wf_enable_hire_id_info() wf_disable_hire_id_info ()
Ccf.pbl	ccf0770_fappurge_edit_sel_criteria	
	ccf0770_fappurge_add_sql	
Cvn.pbl	cvn0600_earnings_and_withholding	dw_singlerow/itemfocuschanged
	cvn0100_payables_vendor	validate_fields()
	cvn0100_payables_vendor	Dbupdate
	cvn0060_vendor_location	dw_remit_fmt/itemchanged
	cvn0150_purchasing_vendor/cvn0100_payabl es_vendor	dw_remit/udo_changeformat
	cvn7050_vendor_aging_totals	
	cvn7020_update_statistics	
	cvn7040_init_datawindows	
	cvn7030_transaction_list	
	cvn7010_vendor_statistics	
	cvn7000_filter_criteria	

(continued)

PBL	Component	Event
	cvn7040_pay_aging_policy	
Cvni.pbl	cvn7030m_payment_popmenu	
	cvn7030t_pay_doc_list	
	cvn7030t_payment_list	
	cvn7040d_pay_sort	
	cvn7050_vendor_aging_data	
	cvn0002_obj_translation	
	cvn0100_special_text	
	cvn7010m_vendor_statistics	
	cvn7030m_draft_popmenu	
	cvn7030t_draft_list	
	cvn7030m_pay_doc_popmenu	
	cvn0200_special_text	
	cvn7030d_stat_header	
	cvn7020d_update_statistics	
	cvn7010d_vendor_statistics	
	cvn7000_history_filter	
	cvn_dddw_code_hyphen_description_all	
	cvn7050_vendor_aging_totals	
	cvn740m_pay_aging_policy	
	cvn7040d_pay_aging_policy	
Cepi.pbl	cep0010h_hr_ent_policy	Columns added for Generation of Hiring Req Ids
	cep0010c_categories_ent_policy	
	cep0010_entp_menu	
Fbk.pbl	fbk_support_status	
	fbk0100_pmt_meth	dw_singlerow::itemchanged, initwindow, activate_inactivate
	fbk0300_bank_clearance	fbk_validate_currency
Fbki.pbl	fbk0100_pmt_meth_main	

### MS Access Corrections

Solution Source MDB	Language	Target MDB/MDA to be corrected:	Rerun UDAK Process?
652fbk1e.mdb	English	Fbkact32.mdb	No
652fbk1f.mdb	French	Fbkact32.mdb	No
652fbk1s.mdb	Spanish	Fbkact32.mdb	No

### What Has Changed

MDB/MDA	Component	Sub-Component
Fbkact32.mdb	Query	Q_Payment_Clearance_Activity_Date_Exception Payment Clearance Added Payment Clearance Changed Payment Clearance Deleted Uncleared Payments Q_Payment_Clearance_Activity_Date
	Module	Activity Reports
	Forms	Reports Menu

### Scheduled Processes Updated

The following scheduled processes have been modified as part of this solution. If you are running a Microsoft Job Server and the user ID installing Service Pack 3 does not have administrative rights to the Microsoft Job Server, you will need to copy these files from the patch\batch\ntintel directory of your SmartStream file server image to your Job Server workstation.

Program	Description
Cvnc6000.exe	Scheduled Vendor Processing
Fbkbatch.exe	Bank Clearance

## 3 Product Details for the SmartStream Platform

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### Chapter Contents

- 3-1 Solutions Addressed
  - 3-3 Enhancements
  - 3-6 Special Instructions and Changes
- 

### Solutions Addressed

Solution	Description
19795	Deleted Todo's are not marked as complete
30555	Solution Apply - Administrator Password Hidden During Apply Process
30621	Error when processing a To Do against the Activity Security window for a new user
188155	Ledger delivers select authority to ldr_acct_bal in the tblegrnt.sql
201356	On Activity Definition window the command line does not allow more than 80 characters
207264	ToDo's are not getting marked complete for Activity Security window
232215	Memory Leak when running psc0010, psc0020 programs
253220	Translated Structure Browser Window title still in English
268241	UIP / Migration fix for DBSwact..open_browse_parm_dtl_1 table customizations
310282	No error message when doc attachment has been deleted from network
310305	On File Open Parameters an File Open browse on item, itev or itim gives error message pam00183
313286	Unable to delete USERS on SS 6.5 and SS 6.5.01 Sybase
341379	Base release installation, migration, and upgrade in place documentation refer to out-of-date Bulletin Board topic.
345394	Solution Apply - Automatically Update Windows Job Servers
345413	Informational messages are not displayed during install of SmartStream.
404384	Error deleting an empty activity list: "Cannot delete Activity list, since it contains activities."

*(continued)*

<b>Solution</b>	<b>Description</b>
409374	Add the ability for document attachments to be moved instead of copied
459424	View Job Server activity, pause button pauses the incorrect poll when multiple polls are running
487456	Updates to wjamit for Active Access SmartStream applications.
512473	Solution Apply - Confirm Environment Being Patched
517476	The third and fourth decimal places of money fields are missing in the bcp file in migration process.
519497	The third and fourth decimal places of money fields are missing in the bcp file in migration process
520565	Structures table Import does not work as desired
520620	Unable to add summary points to a range structure that has a blank data point.
520940	Migration receives duplicate insert error in DBSwact. Upgrade in Place will miss data updates.
521263	Enhance SmartStream to work with SQL 2000 database environment
521618	Enhanced version of wjamit allows for use of index name rather than index relative number when using index hints in stored procedures
522396	Solution Apply - Preserve Timestamps on Files Pushed to UNIX Job Servers
522984	Security - Add user password expiration to SmartStream
523357	Add functionality to job server pgms (scheduler and poll) to use ODBC and CTLIB for SQL connections
523712	New skeleton update SQLs for future patch delivery post 6.5.03
523867	Structures displays incorrectly after applying SP4 for SQL Server 7.0
523871	Help/About Maintenance window doesn't display updates for far3, fbl, and fbli objects
523931	Missing entries in grants.gen files.
524406	SmartStream Client enhancements to make SmartStream SMTP Mail Gateway ready.
524446	Help/About Maintenance window doesn't display updates for hpn3I and hpn9
524708	Help>About SS>Maintenance doesn't display updates for mim.pbd
524765	Several pbd's are missing descriptions in Help/About/Maintenance window

## Enhancements

### Solution 521263 - Microsoft SQL Server 2000 Support

SmartStream 6.5.03 will now support Microsoft SQL Server 2000 Standard and Enterprise editions. Upon availability of 6.5.03, Microsoft SQL Server users can choose to run SmartStream with either the Microsoft SQL Server Release 7.0 or Release 2000 database.

Refer to the *Microsoft SQL Server Upgrade Considerations* chapter for additional information on installing and upgrading with this new database server release.

### Solution 522984 - Security Password Expiration

The SmartStream security enhancement adds SmartStream password expiration. The SmartStream administrator can now set passwords to expire every 1 to 999 days or not at all. The number of days for password expiration can be specified at the security group level. In addition, passwords will be required to meet the following business standards:

- The password cannot be the same as the user ID.
- The password cannot be the same as the previous password.
- The password cannot contain:
  - embedded spaces
  - a number, space, \$, #, @, or "\_" in the first position
  - the following special characters (in any position): ~, ` , !, %, ^, &, \*, -, +, =, [, ], {, }, |, \, /, colons, semi-colons, commas, periods, left parenthesis, right parenthesis, <, >, ?
- The password for the administrative user IDs **DBS** and **sa** are exempt from password expiration.
- The number of days for password expiration is set at the security group level and applies to all users in that group.
- If password expiration is set for the security group, the users will be required to change their password the next time they log on.
- When the password is changed, the updated password will be reflected in the Security Profile.

**Customer Benefit:** This enhancement adds a new level of security to SmartStream. Administrators can now force users to change their passwords after a specified time period, thus adding a higher level of prevention of password theft. If passwords are changed on a regular basis, it makes it more difficult to acquire another user's password and access any potentially confidential SmartStream data that may not otherwise be accessible.

### Solution 30555 - Administrator Password Hidden During Apply Process

Currently, the Solution Apply process displays the actual values for a password when updating databases or UNIX environments. This solution modifies the Solution Apply process to hide the value of the password while it is being typed by displaying asterisks instead of the actual value.

**Customer Benefit:** Because some solutions may update the master database, the system administrator ID (sa) is required when applying solutions. Not displaying the password for this critical user ID limits its exposure to possible unauthorized use.

### Solution 345394 - Automatically Update Windows Job Servers

In the current Solution Apply process, any modified Windows-based programs are not automatically copied to the Windows job servers as is done with the UNIX versions of the programs. This solution adds functionality to copy programs to Windows job servers if the user applying the solution has the necessary authority to do so. If programs cannot be copied, a message will be displayed to the user that the Solution Apply process was not able to copy programs to the job server. Information is written to the output log for the solution identifying the job server or job servers to which the program could not be copied. The message is an informational one. When you choose OK, the Solution Apply process completes. After you finish applying the solution, review the log file shown in the message to determine which programs were not copied and copy these programs to the Job Server(s) that were not updated.

**Customer Benefit:** The current Solution Apply process does not identify the programs that need to be copied manually to the job server. The task of manually copying the programs to Windows-based job servers is one that is very easy to forget. Often, forgetting this step leads to not having code corrections implemented on all job servers causing program errors. This enhancement will eliminate these issues.

### Solution 512473 - Confirm Environment Being Patched

The current Solution Apply process does not identify the database server to which the solution is being applied. If a customer has multiple file server images (for example, one for testing and another for production), this could lead to the solution being inadvertently applied to the wrong environment. This enhancement will change the Solution Apply process to show the database environment of the selected file server and verify if this is the correct environment.

**Customer Benefit:** This solution will help customers confirm solutions are applied to the intended environment.

### Solution 522396 - Preserve Timestamps on Files Pushed to UNIX Job Servers

With the current Solution Apply process, when files are copied to UNIX job servers, the date and time for the files in UNIX changes to the date and time when the files were copied. The actual date and time of the file is not maintained. This enhancement will zip the files before passing them to UNIX, allowing the original date and time of the file to be preserved.

**Customer Benefit:** Currently, the version of a program running on a UNIX job server cannot be easily traced to a specific solution. It generally takes some time to determine exactly what version of the program is running. With this enhancement, when a problem occurs in a program running on UNIX, it will be easier and quicker to determine what version is running thus shortening the time for problem resolution.

## Special Instructions and Changes

### Special Instructions

#### ODBC Setup for Job Servers

Due to the changes in Windows Job Server programs in solution 523357, you need to establish a Microsoft ODBC connection to the database server on the Job Server workstation in order for this program to function. Please refer to the Installation Guide, Installing Job Server chapter for considerations when adding a data source using the ODBC Data Source Administrator utility.

#### Updated Tables

The following tables were updated with this service pack to add new columns. If row level locking is enabled on these tables, you must reset locking and drop and re-add all triggers prior to installing the service pack.

Database	Table Name	New Columns	Solution
DBSwact	user_master_1	pswd_last_chng_date	522984
DBSwact	sec_group_master	days_pswd_expire	522984
DBSpscb	psc_scheduler	psc_smtp_mailgate	403375

### SmartStream Builder PBL Corrections

PBL	Component	Event
Pcfi.pbl	function	pcf0022_special_text()
	datawindow	pam0290dw_group
	function	Pcfi_support_status()
Pcf.pbl	Pcf9400_structure_browser_2	open
	function	Pcf_support_status()

### MS Access Corrections

None

### Scheduled Processes Updated

The following scheduled processes have been modified as part of this solution. If you are running a Microsoft Job Server and the user ID installing Service Pack 3 does not have administrative rights to the Microsoft Job Server, you will need to copy these files from the patch\batch\ntintel directory of your SmartStream file server image to your Job Server workstation.

<b>Program</b>	<b>Description</b>
Piqc0051.exe	SmartStream Connect Insert Utility
Psc0010.exe	Master Scheduler
Psc0020.exe	Job Server Poll
Psrc5032.exe	Structures Import/Export Utility
Psrc5532.exe	Structures Multi-Import Utility
Psrc6032.exe	Structures Refresh Utility
Psrc9032.exe	Structures Copy Utility

## 4 Product Details for Allocations

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### Chapter Contents

- 4-1 Solutions Addressed
  - 4-2 Special Instructions and Changes
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### Solutions Addressed

Solution	Description
520996	Not able to save Allocation Pool Definition using only "OR" Connectors

# Special Instructions and Changes

## Special Instructions

None

## SmartStream Builder PBL Corrections

PBL	Component	Event
Fal.pbl	fal0100_pool_definition	dbupdate

## MS Access Corrections

None

## Scheduled Processes Updated

None

## 5 Product Details for Asset Management

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### Chapter Contents

- 5-1 Solutions Addressed
  - 5-3 Enhancements
  - 5-4 Special Instructions and Changes
- 

### Solutions Addressed

Solution	Description
20724	AM - Property Account Retirements do not show correctly in Reserve Summary
246214	Capturing initial GST ITC in year of acquisition
377338	The Job Creation and Worker Assistance Act of 2002
445413	AM: Group security is overriding user data control security for Retirement Reversal
463430	Additional Depreciation Projection Report does not work.
486450	New Prorate Code for French Accounting
513477	Net Book Value (NBV) on Asset Book Amounts window not using Associated Addl Depr Table
520542	Adding Additional Depr Table to an Asset does not trigger the Addl Depr Annual Recalc.
520632	U.S. Tax ADR reference Retirement may generate incorrect salvage error ffa0042095
520945	Transfer validations in intra-entity transfers do not validate user files
520976	Additional Depreciation Annual not calculated when Actual Depr Method is Percentage Table
520977	Provide Error Msg when adding CCA regulation for NON-Reference status
521007	Autogeneration of Asset ID limited to 20 attempts - Increase to 100 attempts
521258	MACRS Reference Asset Retirement generates Vendor Error 8144 "too many arugments.
522597	FFA Reserve Summary Query linked to the FFA Cost Summary Query for manual Open
522666	ffacamnt generating error: ffa0042998 There is not enough memory to hold all company information

*(continued)*

## Solutions Addressed

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<b>Solution</b>	<b>Description</b>
522766	AltMin and ACE Report maybe incorrect for assets with additional depr if running before year-end
522784	Changing asset to CCA & Reference should not be allowed without Property Account ID.
523126	3090 additional depr tbl ID should generate error if added to an existing Used asset.
523136	Rounding Errors on the Alternative Minimum Tax (AMT) report
523463	Retirement of an Out of Service Asset Beginning of period with daily allocation results in error
523466	Entity Security is needed on the Transfer To Entity.
523489	Error during 6.5.02 migration due to "Invalid bcp file" on sammf47e.bcp.
523607	R6.5.02 Migration issue for sammfrse.bcp
523852	Cost Adjustments to Negative Asset creates a 4 decimal cost, current, YTD, LTD, GL amounts
523882	Wrong depreciation amt when using depr. percent tables and acq and retmt is within the same year
524220	Depreciation percentage table for 100% year

## Enhancements

### Solution 246214 - Automatic Calculation of Initial GST ITC in Year of Acquisition

Asset Management will be enhanced to provide automatic calculation of the input tax credit (ITC) at time of acquisition by entering a percentage in the Original Usage Pct field. Canadian financial institutions are required to record usage percentages to calculate their input tax credits. Before this enhancement, unless the ITC was passed to Asset Management from Payables, the amount on acquisition was not captured.

**Customer Benefit:** Asset Management now allows for automatic calculation of input tax credits through use of the Original Usage Pct field. The ability to pass the ITC from Payables is still provided, but now Asset Management will provide the ability to calculate ITC for assets generated from Projects or added directly by using the Original Usage Pct field.

## Special Instructions and Changes

### Special Instructions

#### Updated Tables

The following tables were updated with this service pack to add new columns:

Database	Table Name	New Columns	Solution
DBSfwrk	ffa_reserve_summary_extract	ast_regl_n_code ast_tot_cost_change adr_ytd_proceeds_change adr_ytd_proceeds_change	20724

### SmartStream Builder PBL Corrections

PBL	Component	Event
ffa1.pbl	ffa0140_assets_retmt_rvsl	Function activate_col
	ffa0090_assets	Function dbupdate
	ffa0110_asset_transfer_window	Function validate_entity
	ffa0090_assets	Function build_book_sql
	ffa0090_assets	Function build_book_sql2

### MS Access Corrections

The Access MDB changes delivered for Solution 377338 (HR 3090) and included as part of Cumulative Solution 379341 are being redelivered in this service pack. For considerations and planning suggestions related to Solution 377338, please refer to Solution 377338 on AnswerLink.

Solution Source MDB	Language	Target MDB/MDA to be corrected:	Rerun UDAK Process?
652ffa1e.mdb	English	ffarpt32.mdb	No
652ffa1f.mdb	French	ffarpt32.mdb	No
652ffa1s.mdb	Spanish	ffarpt32.mdb	No

What has changed

MDB/MDA	Component	Sub-Component
ffarpt32.mdb	QUERY: FFA 4797 Part III Detail 1245	Added Column: ltd_addl_depr_amt_change
	QUERY: FFA 4797 Part III Detail 1250	Added Column: ltd_addl_depr_amt_change
	QUERY: FFA 4797 Section I Query	Added Column: ltd_addl_depr_amt_change
	QUERY: FFA 4797 Section II Query	Added Column: ltd_addl_depr_amt_change
	QUERY: FFA 4797 Section II Query/Totals Only	Added Column: ltd_addl_depr_amt_change
	QUERY: FFA 4797 Section III Query	Added Column: ltd_addl_depr_amt_change
	QUERY: FFA Alternative Minimum Tax Retirement Query	Added Column: ltd_addl_depr_amt_change
	REPORT: FFA Expense Ledger	Added Column: YTD Addl Depr
		Modified Column: LTD Depr
		Modified Column: Curr Depr Activity
	REPORT: FFA Reserve Summary	Modified Column: Beginning Balance
		Modified Column: Prior Activity
		Modified Column: Depr Expense
		Modified Column: Transfers
		Modified Column: Adjustments
		Modified Column: Retirements
		Modified Column: Deletions
		Modified Column: Ending Balance
	REPORT: FFA Reconciliation Report	Modified Column: YTD Depr
		Modified Column: LTD Depr
	REPORT: FFA 4797 Part I & Part II	Modified Column: (e)Depr Allowed
	REPORT: FFA 4797 - 1245 Property	Modified Column: Depr Allowed - LTD Depr
		Modified Column: Adjusted Basis
		Modified Column: Gross Sales Price
	REPORT: FFA 4797 - 1250 Property	Modified Column: Depr Allowed - LTD Depr
		Modified Column: Adjusted Basis
	REPORT: FFA 4797 Part III	Modified Column: Depr Allowed
	REPORT: FFA Alternative Minimum Tax Depr	Modified Column: LTD Depr

(continued)

<b>MDB/MDA</b>	<b>Component</b>	<b>Sub-Component</b>
ffarpt32.mdb (continued)	REPORT: FFA Alternative Minimum Tax Retirements	Modified Column: LTD Depr(Actual)
	MODULE: SQL_Generator	FUNCTION: FFA_Set_4797_1_Array
		FUNCTION: FFA_Set_4797_6_Array
	MODULE: FFA_Common_Projection_Routines	FUNCTION: FFA_Build_ADP_SQL
	MODULE: FFA_Edits	FUNCTION: FFA_Edit_acq_yr_depr_prorate_cd
	MODULE: FFA_Edits	FUNCTION: FFA_Edit_min_depr_prorate_cd
	MODULE: FFA_Edits	FUNCTION: FFA_Edit_ret_yr_depr_prorate_cd
	TABLE: FFA_SQL_Components	Added
		20500,adr_ytd_proceeds_change,0,N
		20501,adr_ytd_proceeds_change,isnull(adr_ytd_proceeds_change,0),N
		20510,adr_ytd_proceeds_added_change,0,N
		20511,adr_ytd_proceeds_added_change,isnull(adr_ytd_proceeds_added_change,0),N
	MODULE: FFA_SQL_Generator	FUNCTION: Function FFA_Set_RS_1_Array() FUNCTION: Function FFA_Set_RS_2_Array() FUNCTION: Function FFA_Set_RS_3_Array() FUNCTION: Function FFA_Set_RS_4_Array() FUNCTION: Function FFA_Set_RS_6_Array() FUNCTION: Function FFA_Set_RS_7_Array() FUNCTION: Function FFA_Set_RS_8_Array() FUNCTION: Function FFA_Set_RS_9_Array()
	MACRO: FFA Queries	Open FFA Reserve Summary Query

### Scheduled Processes Updated

The following scheduled processes have been modified as part of this solution. If you are running a Microsoft Job Server and the user ID installing Service Pack 3 does not have administrative rights to the Microsoft Job Server, you will need to copy these files from the patch\batch\ntintel directory of your SmartStream file server image to your Job Server workstation.

<b>Program</b>	<b>Description</b>
Ffacamnt.exe	Asset Maintenance

## 6 Product Details for Benefits

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### Chapter Contents

- 6-1 Solutions Addressed
  - 6-2 Special Instructions and Changes
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### Solutions Addressed

The following table lists the solutions delivered in the service pack, ordered by solution number. For your convenience, an additional column is included to identify the packaged with solution that a solution may have been delivered in.

Solution	Packaged With	Description
267513	267513	hbn – Workbench: incorrect version for pay element gets stop date
443405	443405	hbn: Benefit Plan Option: inquiry only security allows stopping option, changing start date
485447	485447	Benefits - Problems using date format dd-mmm-yyyy
519481	519481	hbn - Plan/Option: date format m/d/yyyy displays end date as 12/31/2029
520600	520600	Enhance SmartStream Benefits base to accommodate Active Access Life & Work Events
520941	476444	Participant Workbench:Wrong version of emp_pay_element gets stop date when option is stopped
521145	521145	hbn: delete ben plan termination status does not delete employee pay element stop date

## Special Instructions and Changes

### Special Instructions

None

### SmartStream Builder PBL Corrections

PBL	Component	Event
Hbn1.pbl	hbn0207_stop_option_response	Cb_ok::clicked
Hbn2.pbl	hbn0101_define_plan_years	open
	hbn0102_chg_plan_info_response	open
	hbn0103_chg_inception_date_response	open
	hbn0104_del_chg_term_date_response	open
	hbn0105_chg_plan_version_response	open
	hbn0106_terminate_plan_response	open
	hbn0107_new_plan_response	open
	hbn0120_ben_plan_opt	Enable_options()

### MS Access Corrections

None

### Scheduled Processes Update

None

## 7 Product Details for Billing

---

### Chapter Contents

- 7-1 Solutions Addressed
  - 7-2 Special Instructions and Changes
- 

### Solutions Addressed

Solution	Description
522321	SystemError event may occur when saving billing document
522456	Multiple deleting causes a SmartStream System Error
522478	Deleting and re-adding a unit price causing problems
522481	Clicking on Cancel when printing gives a wrong message
522543	Revenue Recognition Posting Summary - Incorrect journal status description
522544	Browse on Billing Document Print activity should show status description
522545	Help Tag incorrect for activity Revenue Recognition Posting Summary
522546	Billing Control Group; document amounts should display with correct decimals
522625	Billing Control Group - Document category displayed incorrectly
522630	Item Browse on Sales Item Kit Cross Reference
522683	progrnt.gen : File open failed while running setup.exe from udak directory for billing
522724	Billing Customer Ship-To Address: Blank Ship-To codes are not rejected
522740	File Open Parameters browse on File Open ID bltm gets error message pam0183
523630	fb1p1102.sp and fb1p1103.sp not udaked correctly : errors during create and load

## Special Instructions and Changes

### Special Instructions

None

### SmartStream Builder PBL Corrections

PBL	Component	Event
fbl.pbl	fbl0600_billing_doc_uo	validate_distributions
	fbl0600_billing_doc_uo	distn_type_code_to_desc()
	fbl0200_sales_item_price_list	deleteselected
	fbl1500_billing_doc_revenue_posting	open
	fbl1200_billing_customer_ship_to_address	dw_singlerow::itemchanged
fbli.pbl	fbl1500d_billing_doc_revenue_posting	jrn_l_line_status
	fbl0850a_billing_doc_browse	
	fbl1400h_billing_control_group	
	fbl1400d_billing_control_group	billing_doc_cat_code
	fbl0900a_sales_item_kit_browse	

### MS Access Corrections

None

### Scheduled Processes Updated

None

## 8 Product Details for Budget

---

### Chapter Contents

- 8-1 Solutions Addressed
  - 8-2 Special Instructions and Changes
- 

### Solutions Addressed

Solution	Description
15457	How to Debug budget import errors / Check Budget Installation requirements
272240	6.5.01 Budget Workbench problem re-sizing selection grid in Group Change view
345298	BBD32.MDB: column headers are not correctly udaked for the delivered reports

## Special Instructions and Changes

### Special Instructions

None

### SmartStream Builder PBL Corrections

None

### MS Access Corrections

Solution Source MDB	Language	Target MDB/MDA to be corrected:	Rerun UDAK Process?
652bbd1e.mdb	English	bbd32.mdb	No
652bbd1s.mdb	French	bbd32.mdb	No
652bbd1f.mdb	Spanish	bbd32mdb	No

### What has changed

MDB/MDA	Component	Sub-Component
bbd32.mdb	FGL_Mod_UDAK_Report	FGL_Rpt_Modify_Report(report_name)

### Scheduled Processes Updated

None

## 9 Product Details for Consolidations

---

### Chapter Contents

- 9-1 Solutions Addressed
  - 9-2 Special Instructions and Changes
- 

### Solutions Addressed

Solution	Description
258227	Consolidation Trial Balance Structure Browser Returns Wrong Error Message
344349	Consolidations Posting Request allows entity which violates security access

# Special Instructions and Changes

## Special Instructions

None

## SmartStream Builder PBL Corrections

PBL	Component	Event
Fco.pbl	fco350_post_request	timer
	fco0100_trial_balance	dw_singlerow::itemchanged

## MS Access Corrections

None

## Scheduled Processes Updated

None

# 10 Product Details for Funds Control

---

## Chapter Contents

- 10-1 Solutions Addressed
  - 10-2 Enhancements
  - 10-3 Special Instructions and Changes
- 

## Solutions Addressed

Solution	Description
131127	Funds Control Balance activity: Account descriptions 1 and 2 requested
265257	Override action is enabled when selecting Date Exception on Funds Exception Handling window
503471	Performance Enhancements for Archive/Purge for Funds Control
520643	Going from an Exception ToDo to the Funds Control Workbench right click has wrong menu
520769	Fund Arithmetic overflow converting int to smallint when releasing budget balances
521066	Funds checking DLL fails in a non English environment
521363	After installing Version 6.5.02 problems with the sort order of accounts on Funds Control Workbench
522663	Funds Transaction archive process fails to archive all exceptions or comments
523286	Purchase Order not Uncommitted for Expense and issue on overflow_funds_qty
523326	Funds Control will not reverse associate doc if either remaining amt or remaining qty is zero
523155	After Funds Control Migration, funds checking may fail due to duplicate unique_id values
523161	fund_reason_codes entries missing after migration from 6.0.03 to 6.5.02
523170	fund_reason_codes: installation FC : Reason codes missing with load of minimal required data
523404	Effective date change on purchase order doesn't properly update Fund Control tables
523917	Funds updated incorrectly when processing credit memos matched to PO's and multiple funds structures
524267	On Funds Drill-down to Posted Journal, message ffc00630 text is incorrect

## Enhancements

The following Funds Control enhancements are included in this service pack.

### Solution 131127

#### Funds Control Account Description

The Funds Control Account Description enhancement will display account descriptions 1 and 2 on the two activities most accessed by Funds Control end users: Funds Control Balance and Funds Control Workbench.

Customer Benefit: As budget managers are often more focused on business results than accounting codes, providing account descriptions will enhance usability and increase productivity.

## Special Instructions and Changes

### Special Instructions

#### Solution 523286

This includes the addition of a column to the fund\_checking\_work table, which will necessitate a table migration. Under normal processing, this table will be empty or have very few rows (usually dummy rows to prevent query plan corruption). If this table contains many rows, the unnecessary rows should be deleted before migration. These rows are typically the result of killed processes and will not be reused by future processing.

#### Subsystem Updates

The following solutions are packaged with other products, but have an impact on Funds Control processing:

Solution	Description
524197	Deadlock causing delay in posting Journals to ledger from subsystems
310305	On File Open Parameters, File Open browse on item, itev or itim gives error message pam00183
519497	3rd and 4th decimal places missing on the bcp file when exporting table during migration process
521305	MS SQL 7.0 Service Pack 4: Performance degradation on Account Balance List and Budget Balance List

### New Tables

The following tables were added with this service pack:

Database	Table Name	Solution
DBSfund	fund_trans_cand_audit_wrk	505468, 503471
DBSfund	fund_trans_yr_entity_wrk	522663

### Updated Tables

The following tables were updated with this service pack to add new columns. If row level locking is enabled on these tables, you must reset locking and drop and re-add all triggers prior to installing the service pack.

Database	Table Name	New Columns	Solution
DBSfund	fund_checking_work	overflow_funds_qty	523286

**Table Index Changes** The following indexes will be added or updated during the installation of this service pack:

Database	Table	Index	New or Updated	Solution
DBSfund	funds_ctrl_jrnl_ctrl_archive	funds_ctrl_jrnl_ctrl	Updated	503471
	fund_adjustment_comnt_archive	fund_adjst_comnt_prim_key_ix	New	503471
	fund_exceptions_reject_comnt	fund_except_comnt_archive_ix	New	522663
	fund_except_rej_comnt_archive	fund_excpt_rej_comnt_prim_ix	Updated	503471
	fund_distribution_detail	fund_distribution_detail_2	Updated	521363
		fund_distribution_detail_ix	New	521363
	fund_exceptions_archive	fund_exceptions_prim_ix	Updated	503471
	fund_exceptions	fund_trnx_archive_ix	New	522663
	funds_ctrl_jrnl_line_archive	funds_ctrl_jrnl_line	Updated	503471
	fund_transactions_archive	fund_archive_unique_id_ix	New	503471
		fund_txns_prim_key_ix	Updated	503471
	fund_trans_audit_archive	fund_arch_purg_performance_ix	New	503471
		fund_txns_audit_prim_key_ix	Updated	503471

### SmartStream Builder PBL Corrections

PBL	Component	Event
ffc.pbl	ffc0600_funds_control_balance	process_amounts_budget, cancel
	ffc1400_funds_control_account_tree_struc	process_amounts_budget, tv1::selectionchanged
	ffc0600v_funds_control_bal_main	
	ffc1400_funds_control_account_tree_struc	initwindow

### MS Access Corrections

None

### Scheduled Processes Updated

None

# 11 Product Details for Items

---

## Chapter Contents

- 11-1 Solutions Addressed
  - 11-2 Special Instructions and Changes
- 

## Solutions Addressed

Solution	Description
520851	On hand quantity in cost_item_stkr does not match the on hand quantity of the inventory_stockroom for an item.

## Special Instructions and Changes

### Special Instructions

None

### SmartStream Builder PBL Corrections

None

### MS Access Corrections

None

### Scheduled Processes Updated

None

## 12 Product Details for Ledger

---

### Chapter Contents

- 12-1 Solutions Addressed
  - 12-4 Enhancements
  - 12-6 Special Instructions and Changes
- 

### Solutions Addressed

Solution	Description
12492	Use Windows Cut/Paste in Unposted Journals Activity to copy lines
14244	Enhancement : Add browse ability for templates on " Create Journal Using ... "
20762	wants ability to delete multiple completed processes
21727	Voucher number not being generated for uploaded journals
28604	Unclear message when creating journals from sub-ledgers without proper security
30071	Users able to 'Review Approval Status' when key values not filled in.
170149	Revaluation messages for French language kit display in English
179128	Account Type change not resetting ldr_amt_0 when auditing is turned on
188155	Ledger delivers select authority to ldr_acct_bal in the tblegrnt.sql
193171	Enhancement - Have Ledger Load (fglc0920) Check for Duplicate Posted Journal
201288	Ledger Balancing Accounts errors when using certain Activity Security setups
207255	Enhancements to File Open and Filter in Posted Journal Balance
267717	ADD VALIDATION OF CHART OF ACCOUNTS FOR UPLOADED JOURNALS
267824	Reflect increases values for time-out interval in help text
268692	Ledger Balance Detail report is not displaying all posted journals.

(continued)

<b>Solution</b>	<b>Description</b>
328290	DocLink - Reflect impact of accounting element sizes on delivered Microsoft Access Ledger reporting.
344331	When editing a journal on the unposted journal activity it does not validate against posted journals
391382	"unanticipated error : FGL_Reverse_Table. 6 - Capacity overflow" when using journal reversal
459423	DocLink – Correct information regarding valid adjustment period values for templates in Ledger Journal Load.
481448	Fgl32.mdb produces error in XP platform
512486	When Rechecking Funds on an Approved Journal, the Journal Status returns to Pending Approval status
516496	Ledger Posting abends in AIX - trace shows error "Connection died." after fsp_check_version
517476	3rd and 4th decimal places missing on the bcp file when exporting table during migration process
518492	Fglc0920 program issues fglc0920.err instead of a file named {requestID}.ERR
518493	Cursor not defaulting to Entity after saving Chart of Account Record
519486	Ledger load missing message fgl28282
519497	3rd and 4th decimal places missing on the bcp file when exporting the ledger journals table during migration process
519505	DocLink Job Scheduler posting parameters need revision
520594	Unanticipated Error in Module: FGL_PC. 6 - Overflow when printing from Unposted Journal activity
520631	Online posting allows selection of Incomplete journals which causes error during posting
520642	Unposted journals loaded with status of Incomplete
520735	Miscellaneous field is not included in Posted Journal Detail report
520785	Errors with the repeating journals creating reversals using Specific Date as Accrual Reversal Option
520807	Like the ability to use Balance, Volume and Equity account types in Ledger
520812	Account Balance Maintenance changes date_last_posted to 01/01/1900
520835	fglc0900.exe returns error code 5 on receipt accrual posting job
520848	Total on Posted Journal Balance window incorrect when using 2 amt classes with almost the same name.
520944	fglc0930 program fails with data conversion error messages
521015	Account Balance Inquiry receiving # ERROR when trying to print Account Posted Journal Detail
521079	The fglc0910 job (Ledger Maintenance) is hanging and sp_who is showing blocked processes
521096	Reversing-repeating journal allows specific reversal date less than repeating end date
521119	Single Curr, Enterprise only-Array Ref error when zoom from COA to the Account Balance Activity
521305	MS SQL 7.0 Service Pack 4: Performance degradation on Account Balance List and Budget Balance List

(continued)

<b>Solution</b>	<b>Description</b>
521489	Receipt Accruals that fail during the Ledger Posting are not reversed in the Paybles subledger.
521523	Unposted Journal Details report is not formatted to show commas as the thousand separator.
521576	Arithmetic overflow occurred when creating accounts (autogen, during posting, or manual)
522270	ADB amounts not rolling correctly in the eff_bal_amt and eff_aggr_amt - date issue
522355	Users experience slow processing when drilling down from Ledger summarized journals to Payroll detail
522614	Receiving error fje30893 that suspense account is inactive when trying to post to ledger
522839	DocLink - Column Updates for Detail Versus Summarized Journals
522911	After Sol 21727, voucher number edits applied to templates incorrectly
522914	DocLink - Journal load doc should be clearer about required columns for template load
522921	After Solution 512486, journals may go to complete without being approved when FC used
523139	Journal entry for non ADB entity is editing based on Value Date
523198	Create Journal Using Template produces Data Column type error if all key fields not populated
523280	Upgrade in Place caused duplicate amount class types codes in the amt_class_type table
523381	Receive SystemError in Unposted Journal Approval Status or in Review Approval Status in Unposted Jnl
523383	fgl32.mdb Posted Journal Summary error - MS Access can't find the macro '.'
523494	ADB Batch process running slower after migrating 6.0.01 to 6.5.02 in Sybase
523571	fglc0910 is hanging on Ledger Account Balance Maintenance and sp_who is showing blocked processes
523726	When approving journals only 500 rows of a large journal will end up in funds control
523727	Error during Reversal/Transfer utility - FGL_Reverse_Table 3027-Cannot update. Read only
523770	Approve Journal Entry : error message pcf90520 followed by ffc01000 when rejecting journals
524043	fgl32.mdb Ledger Balance Detail Report error - MS Access can't find the macro '.'
524167	Approving unposted journals ends with pcf90520 (Amt Class 1 = BUDGET)
524197	Deadlock causing delay in posting Journals to ledger from subsystems

## Enhancements

The following enhancements for Ledger have been included in this cumulative:

### Solution 14244 - Enhanced Create Journal from Template

The Unposted Journals window will be enhanced to allow users to browse for a template to use when creating journals without having to go back to File - Open. Currently, when users choose the Templates - Create Journal Using Template action from this window, they must type in the template key. With this enhancement, users can use the browse feature to search for existing templates to choose from. This new feature will work similarly to the current functionality found on the Consolidations Journal Entry window.

**Customer Benefit:** Users creating journals to be posted can now take better advantage of predefined templates through quicker entry of the template key with fewer keystrokes and data entry errors.

### Solution 20762 - Enhanced Delete Capability in Process Run Activity

The Ledger Process Run activity window will be enhanced to allow users to delete more than one line at a time from the process run list on the window. Currently, only one process run entry can be deleted at a time. This will allow users to delete several entries more quickly.

**Customer Benefit:** The Ledger Process Run log of posting jobs can be more quickly and easily cleared to remove obsolete information from the view.

### Solution 207255 - Enhanced File Open and Filter for Posted Journals

The following additional functionality will be added to make finding posted journals online much easier:

- Voucher Number has been added to File Open option for Posted Journals activity.
- The filter criteria on Posted Journal Balance window for the Journal ID, Source, and User ID fields have been updated to allow searching with the Starts With option. This will allow users to look for all posted journal entries that start with similar journal IDs, source values, and user IDs. On the Ledger Account Balance window, if users open an account with a balance and double-click one of the balances listed, the Posted Journal Balance window is displayed. On this window, choosing the Filter option will now allow users to choose Starts With as an option for the Journal ID, Source and User ID fields.

**Customer Benefit:** Posted journal information can be located and viewed much more quickly based on selection criteria that are vital to organizations.

### Solution 12492 - Cut/Paste for Unposted Journals Activity

The Unposted Journals window will be enhanced to allow users to copy an entire selected journal line, or lines, into a new journal line, or lines, in a single step. This new functionality will eliminate redundant data entry on similar journal lines and greatly

improve the data entry efficiency on this window. This functionality is in addition to the F2 copy feature that currently exists on the window. While F2 copy allows users to copy selected fields and to paste these fields one at a time to a new journal line, the new Copy action will paste all fields for the selected line or lines in one action.

**Customer Benefit:** Users creating journals to be posted can now take better advantage of the copy and paste functionality of the base Windows operating system. This reduces the number of keystrokes and data entry errors, while increasing speed and efficiency.

### Solution 520807- Balance, Volume and Equity Account Types

Ledger will be enhanced to allow Balance, Volume and Equity account types. In addition, the Equity account type will be added to the Budget application. (Budget already allowed Balance and Volume account types.) Balance and Equity account types will be treated as life-to-date accounts. Because they are typically statistical type accounts, Volume and Balance account types will not be included in the delivered Trial Balance report. Bulletin Board topic 274465 has been created with instructions for those customers who wish to include Volume and Balance account types in their Trial Balance.

**Customer Benefit:** It will be more convenient to track and report on non-financial or statistical type data.

### Solution 267717- Validate Chart of Accounts on Load

Ledger Load will be enhanced to include an option for validating the Chart of Accounts during the unposted journal load process. Validation will be triggered by adding a new optional column, `_validate_acct` to the load file. A value of Y will force validation of the line. Journals encountering errors will be given a status of "Incomplete" if Approval is used or "In Error" if Approval is not used.

**Customer Benefit:** Invalid accounts can be identified and corrected prior to posting. When approval is used, this will eliminate the inconvenience of having a journal go back through the approval process a second time after posting identifies invalid accounts and they are corrected. This enhancement is implemented as an option so that users that do not require it can avoid the additional processing time required by validation.

### Solution 193171- Check for Duplicate Journals on Load

Ledger Load will be enhanced to include an option for checking unposted journals against journals with a duplicate key in Posted Journals during the journal load process. This is similar to the checking that is done during online entry. This feature will be included as an option which will triggered when account validation (see 267717 above) is specified during journal load. If the new validation feature introduced with 267717 is turned on, the duplicate journal will not load and appropriate error messages will appear on the Journal Error reports.

**Customer Benefit:** Users can avoid loading journals that will not post. This enhancement is implemented as an option so that users that do not require it can avoid the additional processing time required by additional checking.

## Special Instructions and Changes

### Special Instructions

**Special Instructions** See Bulletin Board topics 276853 for information on the Account Validation during Ledger Load option (solution 267717 and 193171).

See Bulletin Board topic 274465 for instructions on how to include the new Volume and Balance account types from solution 520807 in the Trial Balance Report.

### SmartStream Builder PBL Corrections

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<b>PBL</b>	<b>Component</b>	<b>Event/Function</b>
fgl.pbl	fgl0400_chart_of_accounts	dbupdate dw_singlerow::itemchanged load_defaults
	fgl0420_account_balance_list	refresh_tabular
	fgl0430_account_balance	set_defaults
	fgl0436_account_balance_history	get_account_totals replace_udak_values zoom_to_source_doc
	fgl0440_account_balance_history	execute_search get_account_totals zoom_to_source_doc
	fgl0440_filter_criteria	dw_1::itemchanged format_filter
	fgl0600_ledger_maint_request	dbupdate wf_build_value_ddlb zoom
	fgl0801_process_run	actionselected dw_tabular::clicked
	fgl300_balancing_accounts	wf_initialize_window
	fgl6000_online_post_function	

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*(continued)*

PBL	Component	Event/Function
fgli.pbl	fgl0001_special_text	
	fgl0440e_history_filter	
	fglservice_dddw_journal_source_list	
fglu.pbl	fgl0400d_account_header	
fje.pbl	fje0010_unposted_journal	accrual_edit(function), dbupdate(event)
		actionselected
		Copy Journal Line
		copy_journal
		dbupdate
		deselectall
		dw_singlerow::itemchanged
		edit_line_detail
		edit_line_entity
		get_entity_defaults
		init_instance variables
		instance variables
		selectall
		wf_line_itemchanged
		cb_1::clicked
fje0011_create_je_using_tmp	dw_tablular::clicked	
	open	
	closequery	
fje0015_approval_review	initwindow	
	initwindow, closequery	
	post_update_edits	
fje0015u_approval	actionselected	
fje0020_posted_journal	actionselected	
fje0030_unposted_journal_list	wf_select_for_post	
fjei.pbl	fje0001_special_text	
	fje0010m_unposted_journal	Copy Journal Line::clicked
	fje0010t_jrnl_template	

MS Access Corrections

Solution Source MDB	Language	Target MDB/MDA to be corrected:	Rerun UDAK Process?
652fgl1e.mdb	English	fgl32.mdb	Yes
652fgl1s.mdb	Spanish	fgl32.mdb	Yes
652fgl1f.mdb	French	fgl32.mdb	Yes

What Has Changed

MDB/MDA	Component	Sub-Component
fgl32.mdb	FGL_Acct_Type_Sort	FGL_AcctType_Sort
	FGL_Calculate_Balances	FGL_Bud_Act_Bal
	FGL_Open_File	FGL_Open_Dialog
	FGL_Report_Values_And_Totals	FGL_Account_Type_Descriptions
		FGL_Chart_Of_Account_Currency_Listing_Description
		FGL_Detail_Ldr_Key_Init_Sign
		FGL_Detail_Ldr_Key_Total_Sign
		FGL_Lbs_Acct_Type_Totals
		FGL_Lbs_AT_Sort_Totals
		FGL_Lbs_Key_Totals
	FGL_Reversal	FGL_Reverse_Table
	FGL_SmartStream	FGL_UC
	ZLC_Report_Values	ZLC_Account_Type_Desc
	FGL_Ledger_Balance_Detail_Report_Query	
	FGL_translated_strings	
	Account Posted Journal Detail	
	Ledger Balance Detail	
Ledger Balance Detail	Detail, Groupfooter2	
Posted Journal Detail		
Posted Journal Summary	GroupFooter3, Detail2	
FGL_Acct_Type_Sort		
FGL_origin		

The following updates were delivered with the Financials and Procurement Cumulative 379341, and have been re-delivered with Service Pack 3:

<b>MDB/MDA</b>	<b>Component</b>	<b>Sub-Component</b>	
fgl32.mdb	FGL_Globals	Declarations	
	FGL_Main_Form	FGL_Main_Form_Select	
	ZLC_Report_Values	ZLC_SetAccountingElementTitle	
	FGL_Mod_UDAK	FGL_Modify_Select_Query	
	FGL_Reversal	FGL_Reverse_Table	
	FGL_Report_And_Totals	FGL_Hide_Acct_Bal_Maint	
		FGL_Hide_Comb_Valid_Xref	
		FGL_Hide_Ledger_Bal_Detail	
		FGL_Hide_Ledger_Bal_Summ	
		FGL_Hide_Reval_Res_Err	
		FGL_Hide_Reval_Res_Results	
		FGL_Hide_Trial_Balance	
		FGL_Hide_Error_Fields	
		FGL_Set_No_Records_Found	
		FGL_Hide_Posted_Journal_Summ	
		FGL_Hide_Posted_Journal_Detail	
		FGL_Hide_Unposted_Journal_Detail	
		FGL_Hide_Maint_Load_Error	
		FGL_Hide_Local_Journal_Detail	
		FGL_Hide_Budget_Analysis	
		FGL_Hide_Posted_Journal_Arch_Purge	
		FGL_Hide_Budget_Variance	
		FGL_Preview (new function)	
	FGL_Posting_PD (new function)		
FGL_PD_PREVIEW	New macro		
Account Posted Journal Detail	Control Source property for Period and the box length for Period		
Report	Account Balance Maintenance		
	Budget Analysis		
	Budget Variance		
	Combination Validation Cross Reference		

*(continued)*

<b>MDB/MDA</b>	<b>Component</b>	<b>Sub-Component</b>
fgl32.mdb (continued)	Report	Ledger Balance Detail
		Ledger Balance Summary
		Local Journal Detail
		Maintenance and Load Error
		Posted Journal Archive/Purge
		Posted Journal Detail
		Posted Journal Summary
		Revaluation/Restatement Error
		Revaluation/Restatement Results
		Trial Balance
Unposted Journal Detail		

### Scheduled Processes Updated

The following scheduled processes have been modified as part of this solution. If you are running a Microsoft Job Server and the user ID installing Service Pack 3 does not have administrative rights to the Microsoft Job Server, you will need to copy these files from the patch\batch\ntintel directory of your SmartStream file server image to your Job Server workstation.

<b>Program</b>	<b>Description</b>
Fglc0900.exe	Ledger Post
Fglc0910.exe	Ledger Maintenance
Fglc0920.exe	Ledger Upload

## 13 Product Details for Payables

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### Chapter Contents

- 13-1 Solutions Addressed
  - 13-4 Enhancements
  - 13-5 Special Instructions and Changes
- 

### Solutions Addressed

Solution	Description
29487	Vdr Acctg Dist - getting abends doing accounting key browse
215179	Regulatory Enhancement Request for International Bank Account Number (IBAN)
255246	Enhancement: Add Legal Name field to the Regulatory Earnings and Withholding Report.
279262	ACH file should have a blocking factor of 10.
304318	Invoice date with extra separator causes problems.
310305	On File Open Parameters an File Open browse on item, itev or itim gives error message pam00183.
322371	Retrieve Next Task after Update not working for Invoice Approval window.
325428	A paid invoice can be deleted.
325455	Regulatory and Earnings and Withholding Report errors sporadically.
440402	Receipt Accrual Balancing Report - wrong total or runtime 13 error.
451411	Invoice control group can be deleted when there are still invoices linked to it.
475456	Journals that have a status of Validated will not post to Ledger when you rerun the fg1c0900 job.
508469	Payables Balancing Reports, use a Saved Parameter with From Date and To Date and report is empty.
509477	"Null object reference" error running Payment Link to Access or Remittance Link to Access.
509487	On-Demand SmartStream System error - fap0500-online-payment

*(continued)*

<b>Solution</b>	<b>Description</b>
510474	Payables Trial Balance by Ledger Distribution Payment Date and Accrual Effective Date Reversed
514488	When Available Payment Reference Number has range of one, Beginning Number is updated.
519497	3rd and 4th decimal places missing on the bcp file when exporting table during migration process
520690	Invoice - Defaulting Payment Method is not the expected Vendor Factor payment method.
520708	705 Addendum Record for CCD and PPD ACH file formats needs to be added.
520802	Document Attachment at Invoice Approval deactivated after window is Refreshed.
520835	Fglc0900.exe returns error code 5 (can't find stored procedure) on receipt accrual posting job
520917	Issue canceling a Partial Payment paid partially - on Sybase only.
520923	Performance problem in Payables and Purchasing when using single Purchasing site.
520968	Fpyc0400 - "not a recognized parameter" error when apostrophe in street/address name or Dr. Watson
521022	267266uf.sql: File open failed message running Load process for Spanish language
521042	Standard Payables Balancing Reports do not have subtotals by Currency code.
521057	Translatability issues on Quick Vendor.
521060	When using CheckDocument-PrintFile, total from previous check is being added to total of next check.
521069	Spanish Help files in cumulative 379341 are incorrect.
521071	Compile error in the Payables Balancing Reports - fapbal32.mdb
521080	Error initializing ffc1000_nvuo_funds_check resequencing checks plus post 379341 Critical Issues
521140	The Total Report Payments fields of the Total Payments Detail report mixes currencies.
521263	Enhancement - SQL 2000 database upgrade
521460	Require method to ensure that only specified payment preview is selected for payment generation.
521489	Receipt Accruals that fail during the Ledger Posting are not reversed in the Payables subledger.
521578	Receipt Accrual Journals Deleted when Receipt Accrual Condition Unresolved From One Period to Next
521581	When using a new Ledger Entity, Trial Balance By Ledger Distribution report doesn't display Invoices
522224	Invoice Forms take too long to retrieve.
522324	Fapbal32.mdb - pcf90560 - error number 94 in program function PreviewWasPushed Invalid use of Null
522430	Provide the ability to perform Cash Settlement of Credit Memos
522431	Add the ability to view, analyze vendor Payables totals and to drill down from totals to documents

*(continued)*

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<b>Solution</b>	<b>Description</b>
522486	fpyc0400.exe hangs when paying 1099 Invoice where Vendor is set to Hold Payment when no Tax ID
522574	Apostrophe in Invoice Custom Fields causes payments fpyc0400 return code 5 "unclosed quote" error
522689	Funds error fap35842 received when attempting to approve an Invoice after applying solution 379341.
522733	Split Accounting Distribution is not using the full 6 decimals places when calculating the amounts.
522782	Payables Balancing Reports time out with error pcf90560 - error number 3146...ODBC-call failed.
522863	Projects posting (fpjc7000.exe) hangs
523499	1099 Regulatory Earnings and Withholding Vendor Address may be incorrect.
523712	New skeleton update sql's for maintenance to use post SP3.
523778	Some processes may not run on Microsoft SQL Server 2000 without additional modifications
523846	Unable to load Invoices with Quick Vendor. Receive error cvn44027 stating Vendor is Inactive.
523974	Invoice activity payment view is incorrectly blank OR Payment Detail activity can't cancel payment
524197	Deadlock causing delay in posting Journals to ledger from subsystems
524216	Draft not selected for print when created
524309	Bank Account Number field is only 17 characters long in CheckDocument-PrintFile when using fpyc0500.

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# Enhancements

The following Payables enhancements are included in this service pack:

### Solution 521460 - Further Secure Payment Controls

New functionality has been added to the Security Data Control to further secure the payment controls. With this solution, if the user ID in the Security Profile used for the Payments program (fpyc0400) does not have access to the Payable Entity in the Payment Control, the job will not produce payments for that Payment Control.

Currently, the security for Payment Control prevents the user from setting up the Payment Control for a Payable Entity for which they have no security. This change would skip any Payment Control parameters set up by one user, but for which the user running the payment job has no security. In addition, in the case of existing lines on the Payment Control for which the user does not have security, a message will be sent indicating that the user doesn't have security for the entity.

This change has the advantage of being transparent to many users since they already have the Payment Control security set up for a single user to control payment processing for all entities. In order to ensure the proper implementation of this enhancement, you should review your current security setup for payment controls for the user responsible for running the Payments program (fpyc0400) prior to implementing this service pack.

DBS should not be used as the Security Profile to run the Payments program. The DBS login is associated with the database owner role and not a user identifier.

**Customer Benefit:** This new functionality will allow the security measures used by the online windows to be applied when generating payments through Job Scheduler. The feature increases the ability to segregate responsibility for the different payment controls to the appropriate users.

### Solution 522430 - Cash Settlement of Credit Memos

Currently in SmartStream Payables, when a credit memo is received from a vendor with no outstanding invoices to offset, it is a common practice to request cash in lieu of deferred credit. Payables now provides the means to record cash settlement of credit memos on the On Demand Payment window (technically a negative payment).

**Customer Benefit:** The one step, real-time cash settlement of the credit memos feature will now enable users to record all payables activity including cash transactions in a single subledger. This avoids the need for manual procedures that are harder to audit, such as canceling standalone credit memos in Payables and making adjusting journal entries in Ledger.

## Special Instructions and Changes

### Special Instructions

#### Security for Enhancement 521460

Review your current security setup for payment controls for the user responsible for running the Payments program (fpyc0400), prior to implementing the new functionality delivered with enhancement 521460

#### New Tables

The following tables were added with this service pack:

Database	Table Name	Solution
DBSprqt	pmt_rqst_aging	522431
DBSprqt	payable_draft_aging	522431

#### Updated Table Data

Newfoundland is now formally referred to as Newfoundland and Labrador. Therefore, the postal codes for Newfoundland, NF, and Labrador, LB, have been removed and the new postal code for Newfoundland and Labrador, NL, has been added for solution 520479. Data related to these postal codes were changed in the following tables:

Database	Table	Solution
DBSprqt	payables_draft_vendor_info	520479
DBSprqt	payable_entity	520479

#### Table Index Changes

The following indexes will be added or updated during the installation of this service pack:

Database	Table	Index	New or Updated	Solution
DBSprqt	pmt_rqst	pmt_rqst_type_code_idx	New	522224

**SmartStream Builder PBL Corrections**

<b>PBL</b>	<b>Component</b>	<b>Event</b>
Fap1.pbl	fap0400_invoice	Itemchanged dbdelete
	fap0400_nvuo_dbupdate	calc_journal_amts validate_lines_at_update
	fa0400_nvuo_invoice_header2	pre_process_new_doc
	fap0400_nvuo_external	allocate_distn_qty maintain_jrnl_entry
	fap0400_nvuo_set_attributes	enable_disable_fields
	fap0400_quick_vendor	Open removed if languag_g
	Fap2.pbl	fap0090_control_group
fap0410_invoice_approval		Dbupdate refresh disable_all_actions()
fap0500_online_payment		Dbupdate check_pay_ent_total check_pay_ent_total_negativeok
fap2_support_status		
fap0090_control_group		dbupdate
regenerated pbl		
Fapi.pbl		fap001_text_translation
Fpy.pbl	fpy_support_status	
	fpy0200_pmt_cntl	dw_singlerow::itemchanged

## MS Access Corrections

Solution Source MDB	Language	Target MDB/MDA to be corrected:	Rerun UDAK Process?
652fap1e.mdb	English	Fapbal32.mdb	Yes
652fap1f.mdb	French	Fapbal32.mdb	Yes
652fap1s.mdb	Spanish	Fapbal32.mdb	Yes
652fpy1e.mdb	English	Fpypmt32.mdb	No
652fpy1f.mdb	French	Fpypmt32.mdb	No
652fpy1s.mdb	Spanish	Fpypmt32.mdb	No

## What has changed?

MDB/MDA	Component	Sub-Component
Fapbal32.mdb	Query	Invoice Added Detail Invoice Canceled Detail Total Payment Detail Invoice Deleted Detail Select Legal Name Incomplete Invoices A/P Balancing Report A/P Balancing Summ Rpt – Incomplete Invoice A/P Balancing Summ Rpt – Invoices Added A/P Balancing Summ Rpt – Invoices Canceled A/P Balancing Summ Rpt – Invoices Deleted FSP_1099_Vendor_Tax FSP_1099_Regulatory FSP_1099_Get_Vendors FSP_1099_err FSP_1099_EarnWh_non1099_Prequery FSP_1099_EarnWh_non1099 FSP_1099_Detail_Prequery FSP_1099_Detail_query FSP_1099_Vendor_Tax_Prequery

(continued)

<b>MDB/MDA</b>	<b>Component</b>	<b>Sub-Component</b>
Fapbal32.mdb (continued)	Table	Attached Table List
	Form	A/P Balancing Reports
	Module	A/P Balancing Reports 1099_Module
	Report	1099 Earnings and Withholding Verification Detail Regulatory Earnings and Withholding Total Payments Detail Invoices Deleted Detail Incomplete Invoices Detail Invoices Added Detail Invoices Canceled Detail
Fpypmt32.mdb	Module	ACH Link Paper Link
	BACS_Link_Module	Function BACSApplicationLink
	Int_Bank_Transfer_Link_Module	General (Declarations) Function LoadPmtMethIntBankTransfer Function MakeCustomIntlBankTransfer Function MakeEDIRe[prt]
	Link_Globals_Module	New Function BICFormat New Function IBANFormat
	Paper_Link_Module	Function GetFormerNtnlCurr Function FormatDualCurrency Function LoadPmtMethCheck Function LoadPmtMethTransfer Function MakeCustomChequeRecord Function ReturnBankAcctNbr_s Function ResetForEachDocument() As Integer

*(continued)*

<b>MDB/MDA</b>	<b>Component</b>	<b>Sub-Component</b>
Fpypmt32.mdb (continued)	Report	CheckDocument-PrintFile
	Query	SelectBACSPmts
		SelectBACSPmts-Factor
		SelectBACSPmts-Vendor
		SelectEDIDetail
		SelectEDIDetail-Factor
		SelectEDIDetail-Vendor
		SelectEDIHeader
		SelectFactorVendorInformation
		SelectPmtMethBACS
		SelectPmtMethDLOT
		SelectPmtMethIntBankTransfer
		SelectPmtMethXFER
		SelectVendorInformation
		CopyCheckLinkDetail
	Table	BACSPmtsTable
		EDIDetailTable

### Scheduled Processes Updated

The following scheduled processes have been modified as part of this solution. If you are running a Microsoft Job Server and the user ID installing Service Pack 3 does not have administrative rights to the Microsoft Job Server, you will need to copy these files from the patch\batch\ntintel directory of your SmartStream file server image to your Job Server workstation.

Program	Description
Fapc4000.exe	Invoice and Control Group Load
Fpyc0400.exe	Preview and Produce Payments
Fpyc0500.exe	Print File Program

# 14 Product Details for Payroll

## Chapter Contents

- 14-1 Solutions Addressed
- 14-10 Enhancements
- 14-11 Special Instructions and Changes

## Solutions Addressed

The following table lists the solutions delivered in the service pack, ordered by solution number. For your convenience, an additional column is included to identify the packaged with solution that a solution may have been delivered in.

Solution	Packaged With	Description
21114	520600	hpy--allow employee acctg distn to be overridden by using position id on eppt
23381	479442	hpy-Pay Element:Canadian Taxability 1-Taxability dropdown list options --add helptext
27891	479442	Candian Payroll Register: "unknown" Tax Type displayed if earnings/deductions exceed taxes
28414	520600	HR Process Run – View Error Messages – Allow “Load Pay Trans” errors to be viewed as well as other batch jobs errors that currently cannot be viewed from from View Error Messages.
30038	520600	Address the performance issues reported when using the Employee Payment Pay Transaction activity for mass data entry. Also it will allow high volume entry to occur without producing a fatal error.
30042	520600	On the EPPT activity window when selecting the non primary position for that row enabling the system to bring over the Accounting Distribution, instead of having to do manual input
30529	30529	hpy - Payment History: abend selecting employees from file open
30530	30530	Regulatory Processing Report: totals not printing for Federal 1099-R
131395	420382	W2 form / tape for VI and GU return code = 6
131397	131397	940 produces status code 6 when using gross pay and more than 3 exempt lines

(continued)

## Solutions Addressed

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<b>Solution</b>	<b>Packaged With</b>	<b>Description</b>
131434	523498	Re-start of Update Accumulator process hpy0003121
131438	523498	Accumulator Update returns a 0 return code, even when errors occur.
172184	440405	Online Check will not update YTD if first and subsequent payments are online and the payments are not disbursed.
176193	176193	W-2: provide pressure sealed format for W-2 or an 11 X 14 format
205177	205177	Canadian Provincial Tax Detail Report totals not printing and contains multiple blank pages
205210	27891	Canadian Payroll Register: TONI – The new provincial/Prov Pension labels are appearing incorrectly
239259	420382	Modify error message "hpy0000084" to include employee's tax entity and tax authority
242245	242245	hpy: hpy0003155 during compute for U.S. employer
249259	27891	hpy - Payroll Register displays "unknown value" in tax column when employee has no taxes
267330	267330	Disbursals program does not properly rollback when certain errors are encountered. This can create a check file with the correct SSN , pay information, but the incorrect employee name and address.
268486	268486	hpy - Pay Element Accounting Distribution: vendor error 102 or 170 on file open with is equal to
276238	520600	100% CPU usage at 'save' on Employee Payment Pay Transactions activity The problem manifests itself during the processing of Employee Payment Pay Transactions(EPPT) via the activity window.
309316	309316	MMREF - Logic for Form and Processing Language (Canadian and US Reports) Need Modifications
309328	309328	MMREF Enhancement : SORT order on Report ddlb
310317	420382	Problems with selecting FR Processing Report Language, on File Print and Delete Report response
312294	312294	Enable marital status for Massachusetts on Employee US Tax Authority
318277	420382	Regulatory Processing Report-hpy0000121 Description is incorrect for 2001 W-2s
322295	520600	Provide a way to delete unprocessed pay transactions from the input pay transaction table.
325293	325293	Country Code should be written for all address formats (Address format CA5 should use code entered)
325443	479442	DEV-Window help returns Testing the Conditions of a Case.
328286	520600	Emp Pmt Pay Transaction window leaves orphaned transactions in input_emp_pmt_pay_trans
328309	420382	W-2 for US Territories-Get Return Code 6 when Form Format other than 400 is selected
328316	328316	W-2 Form: When Taxable minus Pay Element is less than zero only get hpy0000074 message

(continued)

Solution	Packaged With	Description
333333	479442	hpy - DocLink: add local tax authority values to Human Resources column codes
336290	420382	T4 laser form - Business Number (Box 54) should not print on employee copies of form
336291	336291	T4 laser form - ability to produce employer copy and federal copy
337299	420382	Federal W-2 form - "agent for" information in box c not showing when applicable
338303	420382	Federal MMREF tape changes to remove common paymaster reference
338304	476444	Employer Tax Entity: GUI changes necessary to remove Common Pay Master checkbox
341344	341344	Hpy - QPP-Exemption not being recognized with payment for non-cash only
342346	479442	Add help text doc for Fed W-2 tape for electronic media authorization number field-Rep Def window
345422	476444	Regulatory Reports: Provide method to view processing report without printing
345434	345434	Report Scheduler: State Quarterly Report Basis is not populated when requesting Multiple Worksite
346328	420382	Modify total records on W2 MMREF-1 state standard, MA and IN formats per specifications
350312	350312	hpy - Payment History: reversing other than current payment does not reduce towards the limit
381341	381341	Employee Payment Archive\Purge: Need additional warning message when not all payments qualify.
393369	393369	Pay Element window: Need additional Canadian Taxability for RPP/RRSP Contributions.
394361	394361	Pay Transaction process doesn't issue error when saving pay trans with invalid position/job.
394367	394367	Report Scheduler: ROE Beginning Serial Number is not being validated correctly.
394368	394367	Report Scheduler for ROE gives vendor error when tabbing off of the Reporting Year for a prior year
395373	395373	ROE Print run type with multiple tax entities causes database block and does not process correctly
395374	27891	Canadian Payroll Register: No page break on Pay Group.
401362	350312	Employee Payment History:Need to remove code done for Solution 287269
401363	27891	Canadian Payroll Register does not display literals of Tax Authority ID prefix
404364	394367	Report Scheduler for ROE asks for an entity when Run Type = Re-Create Print File (re-print)
404371	404371	Hpy: Employer ROE Serial Numbers window allows a space after the first character.
405365	405365	ROE 'Audit Only' Run Type does not process by entity
405366	405366	Report Scheduler error message hpy0003221 for W-2 Federal Tape should only be for Transmitter.
405367	405367	Local Tax Detail Report number are incorrectly formatted on the Regulatory Processing Report

(continued)

<b>Solution</b>	<b>Packaged With</b>	<b>Description</b>
410369	410369	Compute: Get hpy0001790 error on employees transferred with no CPP contributions.
419379	451410	Employee Pay Element: Can't add or change for a future dated rehire
420382	420382	Updated Regulatory Reports
421388	421388	hpy: Remove processing language from Report Scheduler File Print response window
422383	422383	Payroll Register-Pay Element and Tax Totals not by Pay Group
439403	439403	View and Action Security: Missing Employee Canadian Tax Authority from activity selection
439404	443405	Employee Canadian Tax Authority: Users with "Inquire" only permission can perform actions
440401	440401	Employee Online Payment: Get hpy0002924 or hpy0002927 error
440405	440405	Compute is receiving return code 4 when all subprograms receive rc= 0 on Sun Syb. All the employees in the pay group do get processed and payments created.
441406	441406	Report Scheduler: Get hpn50555 error even though Report Sections have been defined
445408	445408	Employee Pay Element Accumulator: Adjusting Canadian Taxes can give unpredictable results
447406	447406	hpy - Emp US Tax Auth - Window hangs and SmtStrm becomes unstable in Syb NT. Syb Errs 20019, 20296
447416	447416	Vendor Error 2812 missing stored procedures after install from fso.
451410	451410	Employee Pay Element: Get could not find stored procedure 'DBShrpn.dbo.hsp_sel_emp_employment'
461427	461427	hpy: error message hpnxxx111 when using 'print report' action on Report Scheduler for ROE
462433	462437	Employee ROE: User with Inquire only permissions can Create New Employee ROE for employee with a ROE
462437	462437	Employee Payment History: User can update data via Actions when the User has Inquire only access
462438	462431	Report Sections: Users with "Inquire" only access can add entries to Selected items
462448	462437	Employee Payment History: Get Invalid DataWindow row/column specified when selecting Update or Delete
463437	463437	W-2 Magnetic Media Reporting: Rules for Employer EIN were changed
464423	462437	Employee Canadian Tax Accumulator-Can Adjust Accumulators when User only has Inquire only access
464439	463437	W-2: 2002 U.S. Federal W-2 form changes
465424	462437	Pay Element Processing Group: Users with 'Inquire' only access cannot scroll through Selected entries
468431	468431	State Quarterly Report: Changes for Maine effective 01/01/2002
468432	476444	Federal 1099-R Tape changes for 2002

*(continued)*

Solution	Packaged With	Description
468441	468441	Compute - Create option in hpybatch.ini for multiple program shutdown timing
474439	476444	Federal 1099-R: Changes for 2002
475443	476444	MMREF-1 specifications for tax year 2002
476440	176193	W-2 territory forms have incorrect format on MSSQL Server.
476444	476444	hpy - U.S. 2002 Year End Regulatory Update
476445	476445	Canadian Regulatory Year End 2002 Update.
478459	478459	Employee Online Payment:Compute does not recognize overridden check date when validating employment
478460	478460	Employee Canadian Tax Authority:Income Tax Override 'instead of normal withholding' is incomplete
479442	479442	
479447	479447	Hpy: employee online payment creates incorrect period number for ROE insurable earnings.
485446	485446	HPY0001790 Error in Compute for a Pay Element with Limit and Other Cycle Type
485449	485449	Payroll - Problems using date format dd-mmm-yyyy
488453	488453	Report Scheduler: gives errors for Multiple Worksite
489469	489469	Calc Rule stored procedure fails in Compute error M:2812 Stored procedure not found
491454	476444	State Quarterly Tape-Maryland: Employer SUI Tax ID should be right justified with leading blanks
492451	476444	State Quarterly Tape-New Hampshire: Employer SUI Tax ID should be right justified with leading zeroes
493477	476444	State Quarterly Tape for South Carolina: Generate in the MMREF-1 format
494456	494456	Employee Online Payment: User- defined view has wrong currency when single currency other than USD
494458	476444	Hpy: State tax accumulator for sui weeks worked not updated above 12
499463	499463	hpy – generate retro pay transactions issues return code 4
506470	506470	hpy: DataWindow Error when listing accumulators on Employee Pay Element Accumulator
508483	476444	hpy-Tax Accumulators: multiple adjustments to the same tax uses last value, not sum
509469	476444	Employee Tax Corrections: Grid has column for Tax Authority twice
515478	476444	hpy: next_eff_date not updated when change start date on reactivated employee pay element
519508	519508	W-2: 2002 Form changes for double-wide forms
520609	520609	hpy - Compute: calculates LIT when no state wages from pay transactions tax authority overrides

(continued)

## Solutions Addressed

Solution	Packaged With	Description
520619	520619	Employee Online Payment: Vendor error after entering Employee ID, Payroll Run Type and Pay Period
520633	476445	T4 and T4A: Regulatory Processing Report drops last 2 positions of the Business Number
520663	476444	Employee Payment: Manual for status process pay trans uses scheduled and entered deduction amount
520730	476444	Magnetic Media W-2 Reporting: Missouri for 2002 follows MMREF-1 format
520773	476444	State Quarterly Tape: Virginia accepts MMREF-1 format for 2002
520798	476444	Report Scheduler: Tax Auth Sel tab doesn't display terr for Fed W2 Tape; err rpts don't match rpt yr
520815	520815	Hpy – Balance Summary: out of balance when unpaid employees on non-regular run.
520820	476445	Quebec Releve 1 Form and Tape Changes for 2002
520821	476445	T4 and T4A: Magnetic Media Reporting changes for 2002
520822	476444	Federal W-2 tape errors for Media Authorization Number if not the transmitter entity
520823	476444	W-2 forms Regulatory Processing Report: Output File Name for Territories needs correction
520827	476444	945 Report is produced with 0.00 amounts even when no qualifying employees are found
520992	476445	T4 and T4A: New Canadian Tax Authority for Newfoundland and Labrador (NL)
521006	521006	hpy - Employee Pay Element: hpn26097 adding a pay element earlier than hire date
521011	476444	Massachusetts W-2: Magnetic Media Reporting Changes for 2002
521012	476444	Maine 1099-R: Magnetic Media specifications for 2002
521013	476444	Maine W-2: Magnetic Media specifications for 2002
521335	520609	hpy: EI tax refunding \$.01 after transfer with carry forward
521341	476445	Canada T4 and T4A: Form changes for 2002
521361	476444	W-2: Connecticut W-2 Magnetic Media Changes for 2002
521369	476444	1099-R: Connecticut 1099-R Magnetic Media Changes for 2002
521371	476444	1099-R: North Carolina 1099-R Magnetic Media Changes for 2002
521372	476444	W-2: North Carolina W-2 Magnetic Media Changes for 2002
521475	522267	Employee Pay Element Accumulator:List Accumulators can produce error with multiple versions/language
521478	476444	W-2: Indiana Magnetic Media Reporting Changes for 2002
521479	476444	W-2: Minnesota W-2 Magnetic Media Reporting for 2002
521560	476444	W-2: Kentucky W-2 Magnetic Media Reporting Requirements for 2002
521598	476444	W-2: Idaho W-2 Magnetic Media Reporting Requirements for 2002
521600	476444	1099-R: Idaho 1099-R Magnetic Media Reporting Requirements for 2002

(continued)

Solution	Packaged With	Description
522250	522250	hpy: timeout parameter in hpybatch.ini is not functioning as designed
522267	522267	Employee Pay Element Accumulator:Action-List Accumulators fails
522289	522289	Optimization of Payroll Register (US & CAN) after solution 479442
522295	522289	hpy: run time error 3251 producing U.S. payroll register from hrpay32.mdb
522312	522312	hpy - ROE: box 15A shows total hours, not the number associated with the 15B earnings
522314	522314	Payroll Run Type and Schedule:Tax Method of Flat Percent - Special Formula should be Special Formula
522463	522289	HRPAY32.mdb: After applying 479442, when RPTPAY step is processed, scheduled reports do not print
522464	522289	Hrpay32.mdb: After applying 479442, can get "error number 2451 in program function FormatPageNumber"
522492	522289	Hrpay32.mdb: Can get Microsoft Access encountered error number 2475 in program function
522497	522289	Payroll Balance Detail Report: Run-time error 3251 when Payroll Run Control is - In Balance
522645	523159	W-2: Wisconsin W-2 Magnetic Media Reporting Changes for 2002
522646	523159	1099-R: Wisconsin 1099-R Magnetic Media Reporting Changes for 2002
522647	523159	W-2: Arkansas W-2 Magnetic Media Reporting Changes for 2002
522648	523159	1099-R: Arkansas 1099-R Magnetic Media Reporting Changes for 2002
522696	523159	W-2: Rhode Island W-2 Magnetic Media Reporting Changes for 2002
522699	522699	Employee Pay Element: future towards the limit not displayed
522737	522737	GLI: recognize employer paid local taxes.
522793	476445	ROE: Prints year on wrong line for first day worked, last date paid, final pay pd end date.
522837	523475	hpy: employee online payment for autopay employee calculates incorrectly
522840	522267	Adjust Accumulator:For Canadian, U.S. Local or Territory taxes produces unpredictable results
522841	522841	hpy: payroll register not recognizing sort order
522912	522912	Employee Pay Element Accumulator:List Accumulators does not display all when multiple versions exist
522925	523159	W-2: Georgia W-2 Magnetic Media Reporting Changes for 2002
522926	523159	1099-R: Georgia 1099-R Magnetic Media Reporting Changes for 2002
522944	523159	1099-R: District of Columbia 1099-R Magnetic Media Reporting Changes for 2002
522945	523159	W-2: New Jersey W-2 Magnetic Media Reporting Changes for 2002
522946	523159	W-2: District of Columbia W-2 Magnetic Media Reporting Changes for 2002
522950	523159	1099-R: New Jersey 1099-R Magnetic Media Reporting Changes for 2002

*(continued)*

## Solutions Addressed

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<b>Solution</b>	<b>Packaged With</b>	<b>Description</b>
522954	523159	W-2: Nebraska W-2 Magnetic Media Reporting Changes for 2002
522955	523159	1099-R: Nebraska 1099-R Magnetic Media Reporting Changes for 2002
523003	523159	W-2: Ohio W-2 Magnetic Media Reporting Changes for 2002
523004	523159	W-2: Alabama W-2 Magnetic Media Reporting Changes for 2002
523006	523159	W-2: Virginia W-2 Magnetic Media Reporting Changes for 2002
523007	523159	W-2: Arizona W-2 Magnetic Media Reporting Changes for 2002
523008	523159	1099-R: Arizona 1099-R Magnetic Media Reporting Changes for 2002
523009	523159	W-2: Delaware W-2 Magnetic Media Reporting Changes for 2002
523010	523159	W-2: Illinois W-2 Magnetic Media Reporting Changes for 2002
523011	523159	1099-R: Illinois 1099-R Magnetic Media Reporting Changes for 2002
523012	523159	W-2: Colorado W-2 Magnetic Media Reporting Changes for 2002
523013	523159	1099-R: Kansas 1099-R Magnetic Media Reporting Changes for 2002
523014	523014	Canadian Payroll Register: After applying 479442, the tax type descriptions do not appear
523025	523159	W-2: Kansas W-2 Magnetic Media Reporting Changes for 2002
523027	523159	W-2: Utah W-2 Magnetic Media Reporting Changes for 2002
523028	523159	1099-R: Utah 1099-R Magnetic Media Reporting Changes for 2003
523033	523159	W-2: Pennsylvania W-2 Magnetic Media Reporting Changes for 2002
523034	523159	1099-R: Pennsylvania 1099-R Magnetic Media Reporting Changes for 2002
523035	523159	1099-R: North Dakota 1099-R Magnetic Media Reporting Changes for 2002
523036	523159	W-2: North Dakota W-2 Magnetic Media Reporting Changes for 2002
523037	523159	W-2: New Mexico W-2 Magnetic Media Reporting Changes for 2002
523038	523159	1099-R: New Mexico 1099-R Magnetic Media Reporting Changes for 2002
523039	523159	W-2: Mississippi W-2 Magnetic Media Reporting Changes for 2002
523040	523159	1099-R: Mississippi 1099-R Magnetic Media Reporting Changes for 2002
523041	523159	W-2: Michigan W-2 Magnetic Media Reporting Changes for 2002
523047	523159	1099-R: Minnesota 1099-R Magnetic Media Reporting Changes for 2002
523056	523159	W-2: Louisiana W-2 Magnetic Media Reporting Changes for 2002
523057	523159	1099-R: Louisiana 1099-R Magnetic Media Reporting Changes for 2002
523100	523159	W-2: Maryland W-2 Magnetic Media Reporting Changes for 2002
523120	523159	1099-R: Maryland 1099-R Magnetic Media Reporting Changes for 2002
523123	523123	hpy: re-activating employee pay element inserts stop date of 12/31/2029
523150	523159	1099-R: Massachusetts 1099-R Magnetic Media Reporting Changes for 2002

(continued)

Solution	Packaged With	Description
523152	523159	1099-R: Montana 1099-R Magnetic Media Reporting Changes for 2002
523153	523159	W-2: Montana W-2 Magnetic Media Reporting Changes for 2002
523157	523475	hpy: autopay calculated incorrectly when employee has future termination and multiple assignments
523159	523159	Multiple State W-2 Tape and State 1099-R Tape Updates
523176	523159	1099-R: California 1099-R Magnetic Media Reporting Changes for 2002
523177	523159	1099-R: Colorado 1099-R Magnetic Media Reporting Changes for 2002
523178	523159	1099-R: Delaware 1099-R Magnetic Media Reporting Changes for 2002
523185	523159	1099-R: Missouri 1099-R Magnetic Media Reporting Changes for 2002
523242	523159	1099-R: Oklahoma 1099-R Magnetic Media Reporting Changes for 2002
523261	523261	Hpy: employee online payment issues error "Function doesn't return value"
523319	523319	Employee Online Payment: Get hpy0002927 on manual check where assignment ends before end date.
523475	523475	hpy: autopay pay element calculated incorrectly using Employee Online Payment.
523477	523477	State Quarterly Tape: Can get hpy0000048 with multiple entities and all states selected
523495	523495	Update accumulators job returns code 0 when an error has occurred
523498	523498	Update accumulators job does not appear to completely roll back when an abend occurs
523552	523552	hpy: Update of cycle payments action taking too long
523609	523498	Poll.err file fills up with stored procedure calls from update accumulators job
523639	523639	W-2: South Carolina W-2 Magnetic Media Reporting for 2002
523640	523639	1099-R: South Carolina 1099-R Magnetic Media Reporting for 2002.
523962	523962	hpy: retro pay workbench hangs when selecting employees
523994	523994	hpy: Employee Canadian Tax Accumulator adjustment for EMPL EI causes a vendor error
524015	524015	Regulatory Processing Report: Box 52 grand totals for Employer incorrect on T4 processing report.
524155	524155	hpy – Update Accumulators: changes last year paid when processing adjustments.

## Enhancements

### Solution 30038

#### Payroll - Employee Payment Pay Transaction High-volume Transaction Entry

The current Employee Payment Pay Transactions window limits entry to one employee at a time and is resource intensive. The Employee Payment Pay Transaction High-volume Transaction Entry enhancement will introduce a new activity window, which will enable users to view and maintain a batch of pay transactions associated with multiple employees and payments. Users can add, update, or delete pay transactions from the batch of employee payment transactions before the payments are loaded.

**Customer Benefit:** This enhancement will allow Payroll users to enter multiple transactions on the window in a more efficient manner without requiring 100 percent CPU usage during a save.

## Special Instructions and Changes

### Special Instructions

**Table Index Changes** The following indexes will be added or updated during the installation of this service pack:

Database	Table	Index	New or Updated	Solution
DBShrpy	payroll_gl_intf_jrnl_line	payroll_gl_intf_summ_jrnl_idx	New	522355
	emp_pmt	emp_pmt_off_cycle_prmx_index	New	523552
	input_emp_pmt_pay_trans	batch_input_emp_pay_trans	New	30038

### Tax and Regulatory

#### Apply Tax Updates

In addition to applying the batch and window changes included in this solution, you must have all tax updates issued to date applied to your system. To determine whether you have all tax updates applied, refer to the Bulletin Board Topics located in the folder: SmartStream; Human Resources; Payroll; Tax Updates. If your tax files are not up-to-date, you should reinstall all the tax reference, tax source, and tax history files. AnswerLink Solution 222196 contains the instructions and files necessary to install current taxes for all U.S. and Canadian authorities.

#### Apply Control Records

In addition to applying the batch and window changes included in this solution, you must also apply the updates to regulatory **format control records**. All of the control records are redelivered with this solution. These files are:

<b>x:\geac\hrsqr\hrctload\staged\hpyfcenf.txt</b>	Untranslated French Control Records
<b>x:\geac\hrsqr\hrctload\staged\hpyfcens.txt</b>	Untranslated Spanish Control Records
<b>x:\geac\hrsqr\hrctload\staged\hpyfcenu.txt</b>	Untranslated English Control records
<b>x:\geac\hrsqr\hrctload\staged\hpyfcfrf.txt</b>	Translated French Control Records

(where **x:\geac** is your file server image of Smarstream.)

For **UNIX job servers**, these files are copied to the job server with the installation of this solution. For **Microsoft job servers**, you must manually copy these files just as you do with new executables (i.e. section ***Schedule Processes Updated*** at the end of this document). To copy these files to **Microsoft job servers** do the following:

```
Copy x:\geac\hrsqr\hrctload\staged\hpyfcenf.txt
y:\geacbatch\hrsqr\hrctload\staged
Copy x:\geac\hrsqr\hrctload\staged\hpyfcens.txt
y:\geacbatch\hrsqr\hrctload\staged
Copy x:\geac\hrsqr\hrctload\staged\hpyfcenu.txt
y:\geacbatch\hrsqr\hrctload\staged
Copy x:\geac\hrsqr\hrctload\staged\hpyfcfrf.txt
y:\geacbatch\hrsqr\hrctload\staged
```

(where **x:lg** is your file server image of Smarstream  
and **y:lg** is your **Microsoft job server** server image.)

To apply the new control records, you must execute the script file hpyrload (hpyrload.bat for Microsoft). The script file should be executed from the batch job server directory:

<b>UNIX</b>	<b>hpyrload Username/Password DatabaseServerName</b>
<b>Microsoft</b>	<b>y:lg\hpyrload.bat Username/Password DatabaseServerName</b> (where <b>y:lg</b> is your <b>NT batch job server</b> server image.)  Note: For Windows NT, the above line can be executed from the Start/Run box or you can set up a shortcut icon on your Windows NT desktop to run the hpyrload program. The command line portion should be the same as above.

Verify that Payroll correctly applied the new format control records by reviewing the **hpyrload.lis** file. This file contains error and status messages generated while Payroll processed the format control records. The file resides in the Batch Directory where you executed hpyrload. Use any standard text editor to open the **hpyrload.lis** file.

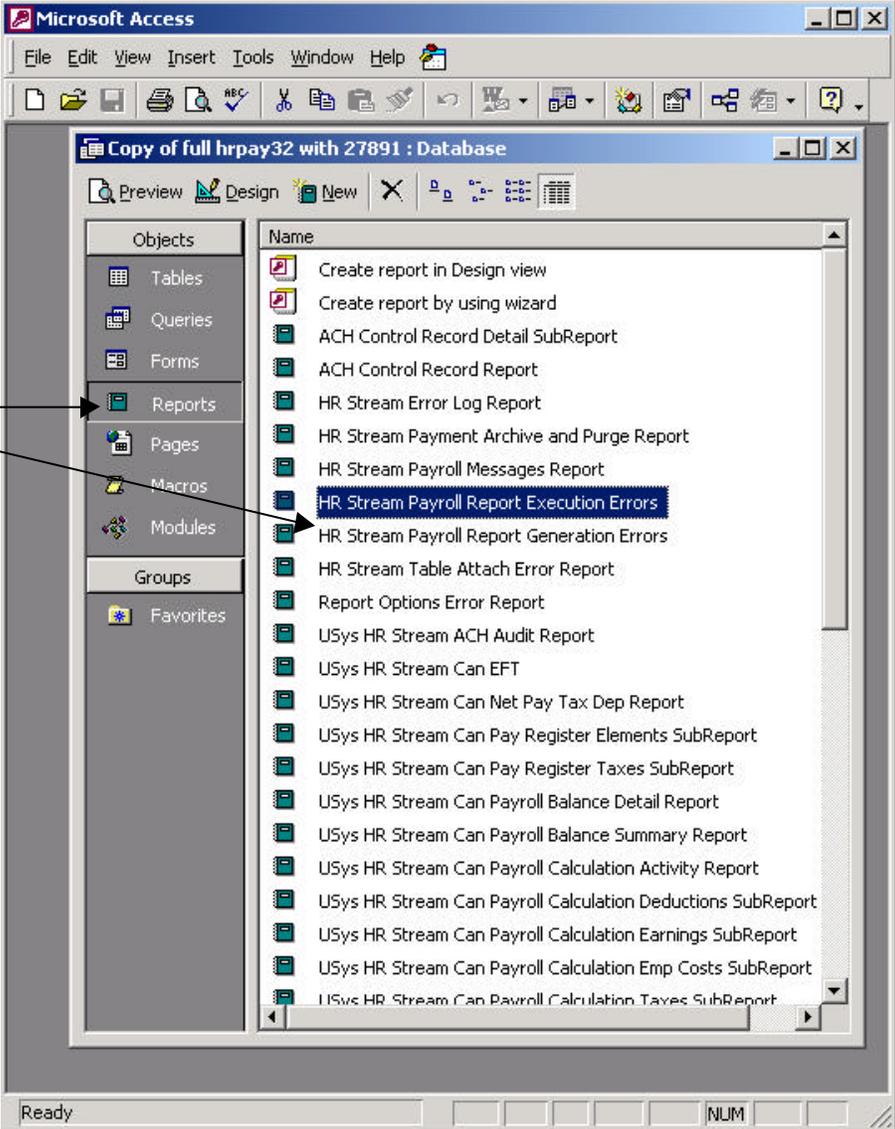
For additional information, refer to the instructions in the section **Regulatory Reporting, Applying New Format Control Records** in the **Payroll Technical Reference** document. This document can be found on **DocLink** under  
**SmartStream /  
SmartStream 6.5 /  
Technical Reference /  
Payroll /  
Regulatory Reporting**

## Microsoft Access MDB

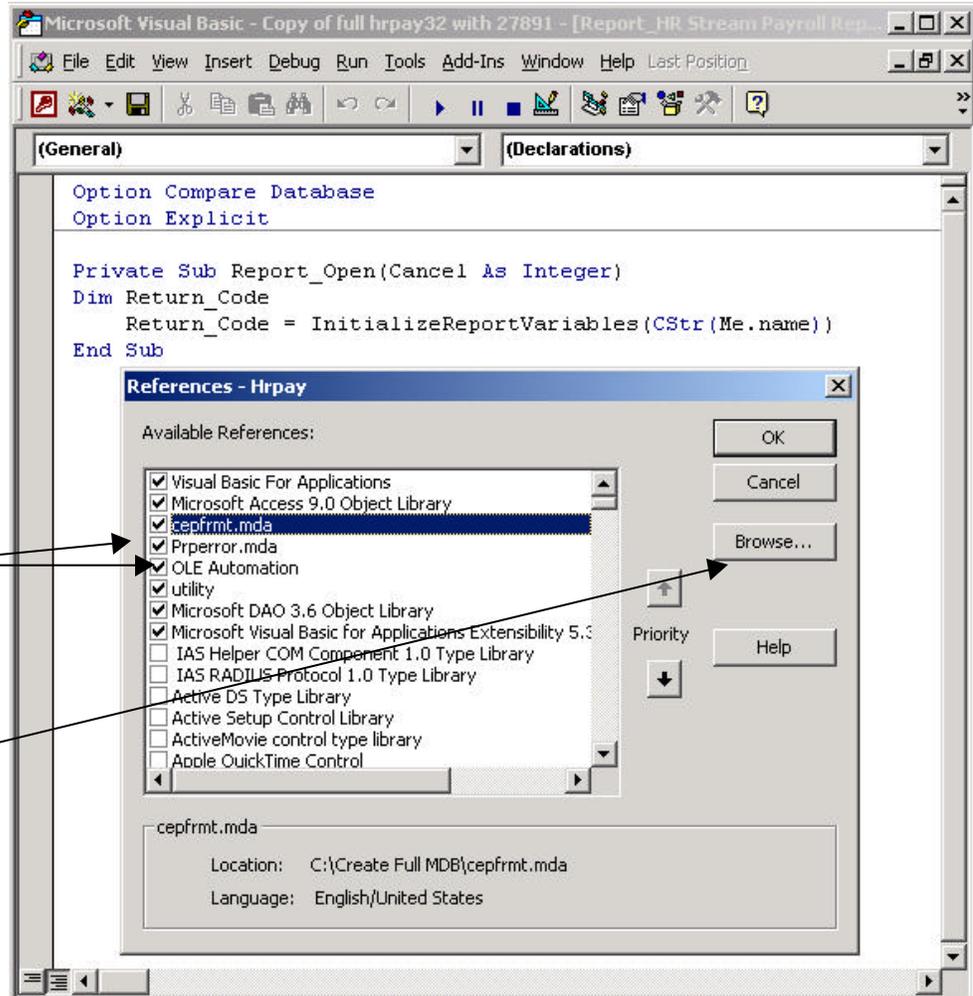
This Service Pack provides a replacement Microsoft Access HRPAY32.MDB. Therefore, the standard procedure of running the DBPush32.MDB process is not required.

As a result of moving the HRPAY32.MDB from the File Server to a client workstation, project references for the cepfmt.mda and pperror.mda will be lost. In order to resolve this issue, open the HRPAY32.MDB, select the Report tab, and select any report.

Select Reports  
Object and HR  
Stream Payroll  
Report  
Execution  
Errors

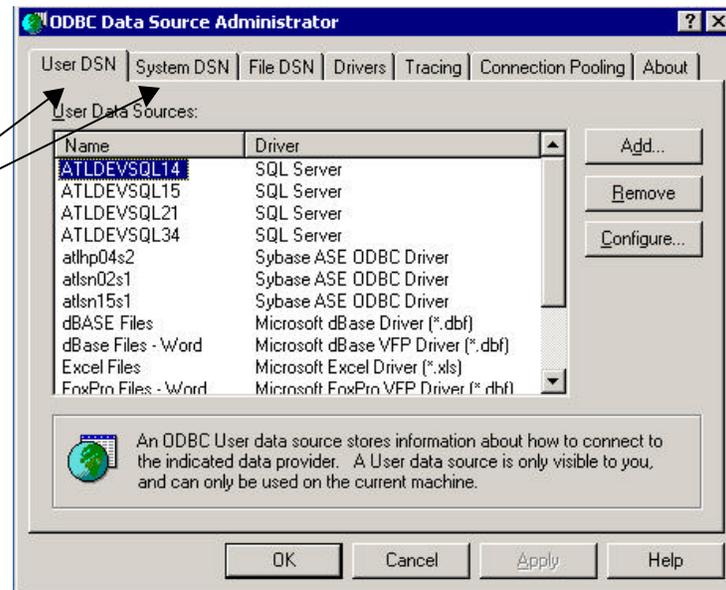


From the Microsoft Access Menu, select view, code. Once the source code window has opened, select Tools, References.



In addition ensure the ODBC connection setting for both the User and System tabs are set for the Server being used.

Ensure Server is configured for both User and System DSN



Finally, remember to select the Attach Table option during the log in process when the MDB is first used.

If an ad-hoc report using the U.S. Payroll Register or the Canadian Payroll Register Query objects has been created, special steps will have to be taken **prior to applying this solution**.

The *Microsoft Access Changes* section of this document identifies Access Query objects, deleted from the HRPAY32.MDB. If your ad-hoc report references the deleted Query Objects and you decide to continue to use these objects, export the deleted objects from your backup of HRPAY32.MDB to this new HRPAY32.MDB.

Another option is to locate the “flower box” within the Store Procedures hpnpxi01.sp (Canadian) or hpnpxs87.sp (U.S.) and modify them to include your specific needs.

Some Query Objects have been removed from Access and replaced with SQL Server code. For a detail list, please see 27891.doc attached to the solution in AnswerLink.

## Special Instructions for Solution 366291

### Overview

Solution 336291 was created to provide the following functionality to the creation of the SmartStream T4 laser form:

*‘Per page 11 of the Employers’ Guide Filing the T4 Slip and Summary Form 2001, the employer copy and the federal copy of the T4 laser forms should be produced with two different employees on each sheet. ‘*

To generate the employer and federal copy, T4 laser form format 506 was created and can be run from the Report Scheduler Window in the same fashion as other regulatory reports.

Customers will still produce the employee T4 laser forms as they currently do by running form format 505.

### Special Instructions for Solution 475443

#### Data Changes

On the Employer Tax Entity window, U.S. Tax Filing Transmitter view, the drop down list for Preferred Method of Notification has been changed.

The old values were:

- 1 = Email/Internet address
- 2 = Fax
- 3 = Postal Service
- 4 = OWRS

The new values are:

- 1 = Email/Internet address
- 2 = Postal Service

A script has been delivered with this solution, which will run automatically. The script will change the values in the `prfrd_meth_of_notification_cd` column on the `DBShrpn empl_tax_entity` table. Any value of 3 or 4 will be changed to 2.

### Special Instructions for Solution 476445

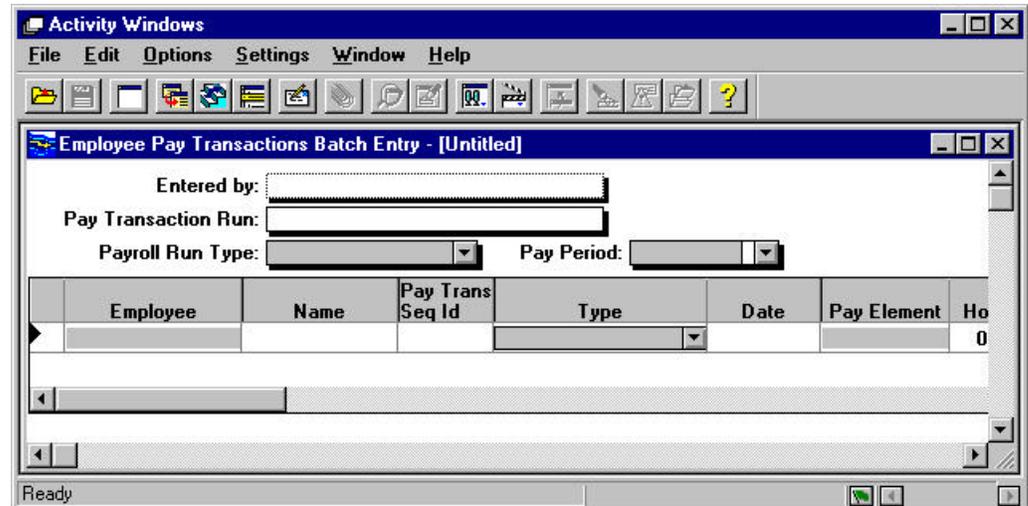
#### Tax Authority ID Changes

After applying this solution and prior to running T4 or T4A's for 2002, if you have employees that have monies in accumulators under the tax authority id of Newfoundland - 'NF' or Labrador - 'LB' for 2002, you will need to perform Employee Canadian Tax Accumulator Adjustments to move those monies to the tax authority id of NL (Newfoundland and Labrador). Please refer to Solutions 520479 and 520821 for more details. The T4 and T4A's for 2002 will need all 'Newfoundland and Labrador' information under NL to handle this change.

## Special Instructions for Solution 30038 and 28414

### New Window

#### Employee Pay Transactions Batch Entry



A new window, the **Employee Pay Transactions Batch Entry** window, is issued with this solution. The new window is different from the current **Employee Payment Pay Transactions** window in that it is intended for initial entry of pay transactions for multiple employees and does not utilize the batch Pay Transaction Editing programs on the individual client workstation. In essence, this window is a GUI front end to the **input\_emp\_pmt\_pay\_trans** table.

The **Employee Pay Transactions Batch Entry** window enables users to view and maintain a 'batch' of pay transactions associated with multiple employees. While similar to the existing **Employee Payment Pay Transactions** window, users may add, update, or delete pay transactions from the 'batch' of employee payment transactions before extended editing takes place. The window itself performs field edits similar to the field editing that takes place on the current **Employee Payment Pay Transactions** window before the 'save' process occurs. The complete edits and expansion of other employee information takes place when the batch is processed on the batch job server.

Any transactions that are on the **input\_emp\_pmt\_pay\_trans** table can be edited from this window if the following fields contain a value:

- User ID (entered\_by\_id)
- Pay Transaction Run ID (pay\_trans\_run\_id)
- Payroll Run Type ID (payroll\_run\_type\_id)
- Payroll Pay Period ID (pay\_pd\_id)

Once the user is finished entering a 'batch' of transactions, the batch **Load Employee Pay Transactions** process can be launched which will edit and expand the transactions as well as create the employee payments on the emp\_pmt table and

transactions on the emp\_pmt\_pay\_trans table. Note: This is the same process that occurs when clients batch load transactions to the **input\_emp\_pmt\_pay\_trans** table via Smartmap or some other offline batch process, and then submit the **Load Employee Pay Transactions** job.

After a batch **Load Employee Pay Transactions** job is completed:

- Successfully edited and expanded transactions are reviewed and maintained in the existing **Employee Payment Pay Transactions** window.
- Transactions rejected with errors from the **Load Employee Pay Transactions** process are reviewed and corrected in this new window, **Employee Pay Transactions Batch Entry**. After the corrections are made, the batch is to be resubmitted to the **Load Employee Pay Transactions** process.

### Additional Views - Distribution (UDAK) View

Employee	Pay Trans Sequence Id	Pay Element
SD1010	10007	DEREG

Payment Accrue Expense: Use the value from the Pay Element Accounting Dist

Distribution Policy: [Dropdown]

Ledger Alias: [Dotted Box]

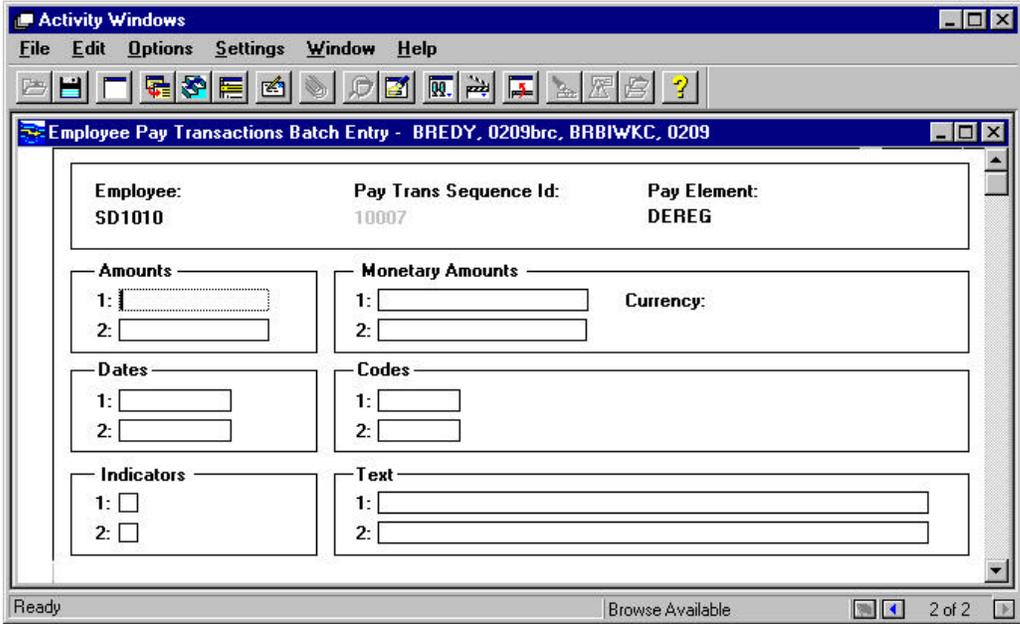
Entity: [Box] Division: [Box] Account: [Box] Department: [Box] Product: [Box] Project: [Box]

For the pay transaction row that currently has focus on the main window view, a view is available through the Views and Actions submenu to show Distribution or 'UDAK' information. The possible data that can be entered in this view is available through drop down list boxes for Payment Accrue Expense and Distribution Policy. For the Ledger fields and Accounting Key fields, the possible data is available through **Item Browse** on the tool bar or the **Options/Browse** menu (F9).

### UDAK Datawindow

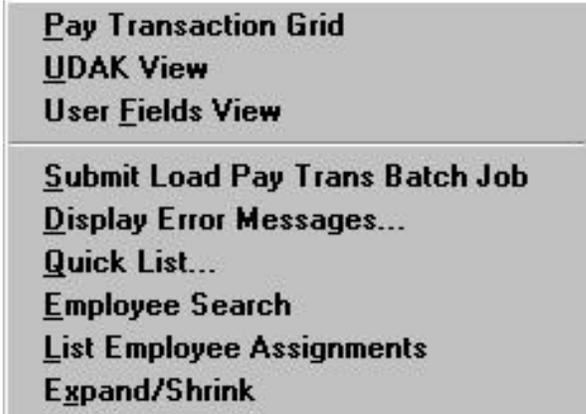
After the successful load of this solution, it will be necessary to apply PowerBuilder changes to the user-defined accounting key datawindows. Refer to the procedures in the **Applying Service Packs and Solutions** document on DocLink, under the section **Apply Updates to the User-Defined Accounting Key** for additional information.

Additional Views - User Fields View



For the pay transaction row that currently has focus on the main window view, a view is available through the Views and Actions submenu to show User Fields for the pay transaction.

Views and Actions



<b>Views</b>	Pay Transaction Grid	Tabular view of all transactions for the batch.
	UDAK View	Single row view of the Distribution and UDAK information for the pay transaction that currently has focus in the Pay Transaction Grid.

<b>Views</b>	User Fields View	Single row view of the User Fields for the pay transaction that currently has focus in the Pay Transaction Grid.
<b>Actions</b>	Submit Load Pay Trans Batch Job	Opens the HR Process Run window and populates the Process Id and the Pay Transaction Run Id for the transactions currently being edited in the Employee Pay Transactions Batch Entry window.
	Display Error Messages	Opens the Error Messages Response window to display errors for the pay transaction that currently has focus in the Pay Transaction Grid.  Enabled when a row in the Pay Transaction Grid has an associated error message.
	Quick List	Opens the HR Quick List response window for the Pay Element field in the Pay Transaction Grid view.  Enabled when the Pay Element field receives focus in the Pay Transaction Grid view.  Response window returns a Pay Element Id.
<b>Actions</b>	Employee Search	Opens the HR Employee Name Search response window.  Enabled when the Employee Id or Employee Name field receives focus in the Pay Transaction Grid view.  Response window returns an Employee Id.
	List Employee Assignment	Opens the HR List Employee Assignments window (i.e. the same Action available from the Employee Assignment window).  Enabled when the 'Assigned To' or the 'Job or Position' field receives focus in the Pay Transaction Grid view.  Response window returns the 'Assigned To' and the 'Job or Position' fields. If there is an associated distribution that is 100%, the 'Ledger Entity' and Ledger UDAK elements are returned.
	Expand/Shrink	Enabled when the UDAK Fields view is selected. Expands/shrinks the datawindow to show additional UDAK elements when the system is defined with more than 5 accounting key elements.

### Enhancements to Specific Fields

In addition to containing many of the editing features of the current **Employee Payment Pay Transactions** window, there are additional useful enhancements to certain columns:

- **'Assigned To', 'Job or Position'** – When focus is on one of these fields, an **Action** will be available to list employee assignments. When an assignment is chosen, the 'Assigned To' and 'Job or Position' fields will be populated. If the chosen assignment has a single (i.e. 100%) Distribution associated with it, the Distribution, or UDAK, fields will be populated with the Ledger Entity and Accounting Element (i.e. UDAK) values.
- **'Ledger Entity', 'Ledger Alias', all UDAK Accounting Element fields** - In the UDAK View of the new window, **Item Browse** is available from all of the UDAK Accounting Element fields as well as the Ledger Entity and Ledger Alias fields.
- **User Fields** – In the User Fields View, Pay Transaction User fields are available for input that are not normally accessible through the existing **Employee Payment Pay Transactions** window.

### HR Process Run Window

- The window, **HR Process Run**, is modified to accept input parameters for the **Load Employee Pay Transactions** job. This change is made so that the Action from **Employee Pay Transactions Batch Entry** window to **'Submit Load Pay Trans Batch Job'** can pre-populate the **HR Process Run** window with the Process Id and the Pay Trans Run Id.
- The window, **HR Process Run, View Error Messages** response window is modified to allow the viewing of error messages for errors resulting from the **Load Employee Pay Transactions** process.

## Special Instructions for Solution 522250

The **timeOut** parameter from the **hpybatch.ini** file is documented in DocLink under *SmartStream/ SmartStream 6.5/ Technical Reference/ Payroll/ Payroll Technical Implementation/ Enhancing the Performance of the Scheduled Processes*. The purpose is to provide a maximum amount of time (in minutes) that the batch process will wait in the event of a database lock or some other reason that causes communications between the executable programs to stop.

On some hardware/operating systems, the timeOut parameter has not functioned in this manner with some of the executables issued in the 479442 HR Cumulative solution. The problem symptom was that a multi program process such as Compute would force a shut down after processing for a total of the number of minutes set by the timeOut parameter. For example, if timeOut had the value of 60 (timeOut=60), Compute would shut down after processing for a total of 60 minutes when it normally runs for longer than 60 minutes. This solution corrects the problem. TimeOut will now

function as designed where it is a maximum amount of time of 'inactivity' between the programs.

### Special Instructions for Solution 522289

Since the HR Stream Payroll Report Definition Header table is delivered in this solution, entries prior to applying this solution will be lost. Reestablish your entries via the Access HR Stream Payroll Report Schedule and HR Stream Payroll Report Definition screens.

The file server Payroll Reporting MDB (HRPAY32.MDB) must be updated from the resolution 65hrs05e.mdb. MDBs are updated using the resolution apply MDB (dbpush32.mdb) process.

**Warning:** If the updated file server version is copied to a client workstation, data in the original MDB on the client workstation will be overlaid. We recommend the resolution apply process used on the file server is repeated on each workstation containing a copy of the original MDB. .

Refer to DocLink, under SmartStream\SmartStream 6.5\Service Packs and Solutions\Applying Service Packs and Solutions, and review Update Reporting .mdb Files section.

SmartStream Builder PBL Corrections

PBL	Component	Event
hapm.pbl	hsm0201_schedule_job	Open dw_1::itemchanged pb_list::clicked
hpy1.pbl	ein_validation	numeric_validation( )
	hpy0210_emp_us_tax_authority	wf_set_ddlb_values(), wf_set_window_defaults(), wf_setup_window_control()
	hpy0341_employer_tax_entity	wf_setup_controls() dbupdate, dw_singlerow::itemchanged, dw_us_tax_filing_trans::getfoc s, wf_itemchanged()
	hpy0912_basis_and_sources	open, dw_available_pay_elements::cli cked, dw_pay_elements::clicked, dw_subsection::itemchanged, wf_enable_delete_button(), wf_load_subsection( )
	hpy0912_basis_and_sources_struct	added window_access_level
	hpy0912_report_section	dw_singlerow::itemchanged, wf_set_structure_values()

(continued)

PBL	Component	Event
hpy1.pbl (continued)	hpy1000_report_scheduler	dbupdate, dw_singlerow_itmchgd_logic( ), wf_get_rpa_col_default(), wf_process_w2_no_defaults(), wf_process_w2_tax_authority(), wf_rpt_year_itmchgd_logic(), wf_w2_fill_pr_vi_gu_dddw() wf_fill_can_language( ), wf_form_format_itmchgd_logic( ), wf_mws_state_qtrly_itmchgd_logic( ), wf_prov_tax_detail_itmchgd_logic( ), wf_roe_rpt_type_cd_itmchgd_logic( ), wf_roe_set_window() wf_rpt_year_itmchgd_logic() wf_validate_parameters()
	hpy1001_rpt_sched_file_print	open, cb_ok::clicked , wf_itemchanged_logic( )
	hpy1001_rpt_sched_sched_info	Dw_mail_confirm::itemchanged
hpy1i.pbl	hpy0341c_emplr_tax_entity_ureg	Removed fields: common_pay_master_t and common_pay_master_ind
	hpy0341d_emplr_tax_ent_tax_fil	Removed codes 2 & 4, replaced code 2 with code 3 in field: prfrd_meth_of_notification_cd
	hpy0650z_can_tax_dddw	added value 08 to code list
	hpy0670d_pension_earn_spec	Corrected descriptions of various codes for fields: pension_distn_code_1 & pension_distn_code_2
	hpy0912h_report_Section	changed Displayed Column to rep_id
	hpy10001d_rpt_sched_file_print	Removed the Language group box and the fields in it.
	hpy1000f_Canadian	Edited begin_ser_nbr & end_ser_nbr – Case Upper

(continued)

<b>PBL</b>	<b>Component</b>	<b>Event</b>
hpy1i.pbl (continued)	hpy1000h_report_scheduler	changed Displayed Column to report_id
	hpy1001t_rpt_sched_sched_info	Made the mail_name column editable.
hpy2.pbl	hpy0700_employee_pay_element_accumulato	wf_set_variable_for_insert_can
	hpy0800_employee_pymt_history	viewselected, dw_statement::clicked, itemchanged_logic( )
	hpy0800_emp_pymt_history_reverse_pymt	cb_reverse::clicked
	hpy0810_online_check	reset_emp_header( ), wf_create_hipt(), wf_call_pay_trans_dll, wf_need_to_create_hipt
	hpy0820_emp_pay_transaction	dbupdate
	hpy0840_input_pay_trans	New Window object
hpy2i.pbl	hpy0100h_payroll_run_schedule	us_supmtl_earn_taxg_meth_code: chgd Display Value of Data Value
	hpy0840d_input_pay_trans hpy0840t_input_pay_trans hpy0842d_user_flds_hipt	New datawindow objects
hpy3.pbl	hpy0840m_emp_pay_transaction	New menu object
	h_uo_hpy0950_view_action_security	of_view_action_security_windows( )
	hpy0250_process_run	initwindow
	hpy0211v_federal_income_tax_vw	Modified the Properties/Edit for 'inc_tax_adj_code'. Modified the Display value for the Data value 3.
	hpy0211v_provincial_income_taxes_vw	Modified the Properties/Edit for 'inc_tax_adj_code'. Modified the Display value for the Data value 3.

*(continued)*

PBL	Component	Event
hpy3i.pbl (continued)	hpy0826t_employee_tax_correction	Resized the column width of the column tax_authority_id to 0.
hpy4.pbl	hpy0310_pay_element_aactg_distn_policy	browse, dw_header::itemchanged
	hpy0610_pay_element_process_grp	dw_singlerow::itemchanged, dw_pay_elements::clicked
	hpy0650_pay_element	wf_can_taxability()
	hpy0670_chg_emp_start_date	open
	hpy0670_chg_emp_stop_date	open
	hpy0670_chg_version_effective_date	open
	hpy0670_emp_pay_element	dbupdate
	hpy0670_new_emp_pay_element	cb_ok::clicked
	hpy0670_reactivate_emp_pay_element	open, cb_ok::clicked
hpy5.pbl	hpy0211_employee_canadian_tax_authority	actionselected, dw_singlerow_itmchgd_logic(), wf_setup_controls()  wf_enable_disable_action()
	hpy0711_emp_can_tax_accum	dw_singlerow_itmchgd_logic()
	hpy0960_employee_roe	dbupdate
	hpy0970_employer_roe_serial_numbers	wf_select_emps
	hpy0990_retropay_workbench	
hpyu.pbl	hpy0843d_udak_flds_hipt	New datawindow object

MS Access Corrections

Solution Source MDB	Language	Target MDB/MDA to be corrected:	Rerun UDAK Process?
65HRS05E.mdb	English	HRPAY32.MDB	No

What has changed:

MDB/MDA	Component	Sub-Component
hrpay32.mdb	Queries	<p><b>Canadian Payroll Register</b></p> <ol style="list-style-type: none"> <li>1) USys HR Stream Can Pay Register Element Subquery</li> <li>2) USys HR Stream Can Pay Register Tax Summary Subquery</li> <li>3) USys HR Stream Can Payroll Register Query</li> <li>4) USys HR Stream Can Payroll Register Query New</li> <li>5) USys HR Stream Can Payroll Register SubReport Query</li> </ol> <p><b>U.S. Payroll Register</b></p> <ol style="list-style-type: none"> <li>1) USys HR Stream Pay Register Element Subquery</li> <li>2) USys HR Stream Pay Register Tax Summary Subquery</li> <li>3) USys HR Stream Payroll Register Query</li> <li>4) USys HR Stream Payroll Register SubReport Query</li> </ol>

(continued)

<b>MDB/MDA</b>	<b>Component</b>	<b>Sub-Component</b>
hrpay32.mdb	Tables	<ul style="list-style-type: none"><li><b>1) HR Stream Payroll Report Master</b><ul style="list-style-type: none"><li>A. Payroll_report_ad_hoc</li><li>B. payroll_report_record_source</li><li>C. payroll_use_run_extract</li></ul></li><li><b>2) HR Stream Attached Table List</b><ul style="list-style-type: none"><li>A. work_prov_tax_auth_summary_ext</li><li>B. work_pay_register_element_sum</li><li>C. work_payroll_register_subrept</li><li>D. work_us_tax_auth_summary_ext</li></ul></li><li><b>3) HR Stream Payroll Report Definition Header</b><ul style="list-style-type: none"><li>A. Report_name</li><li>B. Report_record_source</li></ul></li><li><b>4) HR Stream Payroll Report Definition Header</b></li><li><b>5) HR Stream Payroll Canadian Tax Authorities</b></li><li><b>6) UpgradeObjects</b></li><li><b>7) UpgradeSystem</b></li><li><b>8) FixList</b></li></ul>

*(continued)*

MDB/MDA	Component	Sub-Component
hrpay32.mdb	Reports	<p>ACH Control Record Report</p> <p>HR Stream Error Log Report</p> <p>HR Stream Payment Archive and Purge Report</p> <p>HR Stream Payroll Messages Report</p> <p>HR Stream Payroll Report Execution Errors</p> <p>HR Stream Payroll Report Generation Errors</p> <p>HR Stream Table Attach Error Report</p> <p>HR Stream Options Error Report</p> <p>USys HR Stream ACH Audit ReportUSys</p> <p>HR Stream Can EFTUSys</p> <p>HR Stream Can Net Pay Tax Dep Report</p> <p>USys HR Stream Can Payroll Balance Detail Report</p> <p style="padding-left: 100px;">USys HR Stream Can Payroll Balance Summary Report</p> <p>USys HR Stream Can Payroll Calculation Activity Report</p> <p style="padding-left: 100px;">USys HR Stream Can Payroll Register</p> <p style="padding-left: 100px;">USys HR Stream Net Pay Tax Dep Report</p> <p>USys HR Stream Payroll Balance Detail Report</p> <p>USys HR Stream Payroll Balance Summary Report</p> <p style="padding-left: 100px;">USys HR Stream Payroll Calculation Activity Report</p> <p>USys HR Stream Payroll Ledger Report</p> <p>USys HR Stream Payroll Messages Report</p> <p>USys HR Stream Payroll Register</p> <p>USys HR Stream Provincial Tax Deposit Report</p> <p>USys Local Tax Authority Summary Report</p> <p>USys State Tax Authority Summary Report</p> <p><b>Canadian Payroll Register</b></p> <ol style="list-style-type: none"> <li>1) USys HR Stream Can Pay Register Elements SubReport</li> <li>2) USys HR Stream Can Pay Register Taxes SubReport</li> <li>3) USys HR Stream Can Payroll Register</li> <li>4) USys HR Stream Can Payroll Register SubReport</li> </ol> <p><b>U.S. Payroll Register</b></p> <ol style="list-style-type: none"> <li>1) USys HR Stream Pay Register Elements SubReport</li> <li>2) USys HR Stream Pay Register Taxes SubReport</li> <li>3) USys HR Stream Payroll Register</li> <li>4) USys HR Stream Payroll Register SubReport</li> </ol>

*(continued)*

<b>MDB/MDA</b>	<b>Component</b>	<b>Sub-Component</b>
hrpay32.mdb	Modules	HR Stream Report Common functions HR Stream Common Functions HR Stream International Functions HR Stream Report Common Functions

### Scheduled Processes Updated

The following scheduled processes have been modified as part of this solution. If you are running a Microsoft Job Server and the user ID installing Service Pack 3 does not have administrative rights to the Microsoft Job Server, you will need to copy these files from the patch\batch\ntintel directory of your SmartStream file server image to your Job Server workstation.

<b>Program</b>	<b>Description</b>
hpyxcop.exe	Reports Extract executable
hpyccomp.exe hpyccopr.exe hpyccorc.exe hpycwrpr.exe	Compute executables
hpycdisb.exe	Disbursals Print Program
hpycptrc.exe hpycptrn.exe hpycptrr.exe hpycptrw.exe	Pay Transaction Editing programs
hsmc0000.exe	SmartMap Edit program
hpycroep.exe	Employee ROE
hpycglip.exe hpycglpr.exe	Payroll General Ledger Interface
hpycuacm.exe	Update Accumulators executable

### Regulatory Reports/Processes Updated

The following scheduled processes have been modified as part of this solution. If you are running a Microsoft Job Server and the user ID installing Service Pack 3 does not have administrative rights to the Microsoft Job Server, you will need to copy these files from the patch\batch\ntintel directory of your SmartStream file server image to your Job Server workstation.

<b>Report</b>	<b>Description</b>
Hpyrvr01.sqt	Tax Exempt Employees Form
Hpyrvr02.sqt	Local Tax Detail Form
Hpyrvr03.sqt	Federal W-2 Form and Tape
Hpyrvr04.sqt	State W-2 Tape
Hpyrvr05.sqt	State Quarterly Tape
Hpyrvr06.sqt	Multiple Worksite Form and Tape
Hpyrvr07.sqt	Federal 1099R Form and Tape, State 1099R Tape
Hpyrvr08.sqt	Federal Unemployment Tax Return Form 940
Hpyrvr09.sqt	Federal Quarterly Tax Return Form 941
Hpyrvr10.sqt	Federal Annual Income Tax Withheld Form 945
Hpyrvr11.sqt	State Quarterly Form
Hpyrvr12.sqt	Report Print
Hpyrvr13.sqt	Report Delete
Hpyrvr14.sqt	Canadian ROE
Hpyrvr16.sqt	Canadian T4 Form and Tape
Hpyrvr17.sqt	Canadian Releve 1 Form and Tape
Hpyrvr22.sqt	Canadian T4A Form and Tape
Hpyrvr23.sqt	Canadian Provincial Tax Detail
Hpyrvu01.sqt	Control Record Load Utility

## 15 Product Details for Personnel

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### Chapter Contents

- 15-1 Solutions Addressed
  - 15-4 Enhancements
  - 15-5 Special Instructions and Changes
- 

### Solutions Addressed

The following table lists the solutions delivered in the service pack, ordered by solution number. For your convenience, an additional column is included to identify the packaged with solution that a solution may have been delivered in.

Solution	Packaged With	Description
28617	28617	Employee Assignment File Open Window shows end date as 2999/12/31
30947	30947	Hpn: Cannot enter today's date for a death date get error hpn26225
171171	479442	Help File Defects
172183	479442	Field Help on Section Text is opening Main help cover only.
174130	174130	hpn: View and action security for location activity missing
175140	175140	Military View briefly displays before basic View 1 in Employee Personal Activity
201174	201174	Unable to delete state code or type when address is removed from Employee Name & Address
204206	204206	hpn - Dependents: can't add dependents when chgstamp reaches 32767
239225	239225	hpy - Pay Element: error 7211; also Employee PE, Participant Workbench
243303	243303	Employee Review - giving unpredictable results
261262	261262	hpn - Application: hire gives vendor error
267507	267507	hpn--delete employee transfer does not update emp_assignment version dates
275326	365330	hpn: Emp Name,Addr & App Name,Addr-Inquire security, need to be able to scroll address datawindow

*(continued)*

## Solutions Addressed

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<b>Solution</b>	<b>Packaged With</b>	<b>Description</b>
291255	291255	Need tab order changed on Employee Name and Address/Employee Dependents and Contacts addr activity
318291	318291	hpyrload:When auditing is on, hsp_del_hrrf_group fails with Cannot insert duplicate key row
323284	323284	During the execution of the SmartMap Reports Microsoft Access is generating the error message 3265.
329292	329292	hsm--employee status edit module allows user to run smartmap to change employee status.
329347	329347	Workflow:Uses first assignment and not active assignment
341389	341389	Health & Safety Window - Help Text that needs to be created for OSHA related fields.
345337	345337	MSAccess - OSHA Help text needs to be created for the new Form 300 & 301.
345351	345351	Enrollment: hbn30519 when hire date entered for plan with eligibility rule.
364324	479442	Job:Action-Generate Positions for Job- Rule needs to be added and Example changed in help.
365330	365330	Employee Name & Address: Address formating problems
367327	365330	Applicant Name & Address:Default of U. S. 5 Address Format, Type is required without other info
369328	365330	Employee Dependents and Contacts:Issues with Address Type field
371340	371340	hpn:Reinstating employee assignment with distribution information, no distribution is saved
390358	390358	hpn-Emp Assignment - Cannot update/correct org unit in emp assignment after Position changed org unit.
412371	412371	hpn - Transfer: abend when more than 9 adjustments (after 268732)
422384	422384	hpn: vendor error when transferring employee with inactive province
433400	433400	Hpn – Status : allowed to delete termination date from Revise Employee Termination
451418	451418	hpn - Status: terminating manager puts wrong start date on updated employee distribution
451425	479442	Application (Security) - need to secure users from viewing all applications
451426	479442	Hiring Requisition (Security) - need to secure users from viewing all hiring reqs
451427	520600	Personnel - Auto Generation of Hiring Requisition Numbers
462431	462431	Location:User with Inquire Only permissions can change data
462432	462431	Position:User with Inquire Only permissions can change data via Actions
467433	467433	hpn: Date format dd-mmm-yyyy causes error hpn26140 or hpn28542
468440	468440	hpn - Employee Affiliation: can't add with inquiry only for affiliation
470436	467433	hpn: pcf00043 'invalid date' error when entering begin date on Position or Job
470437	467433	hpn: delete version in employee employment causes divide by zero error

(continued)

Solution	Packaged With	Description
471434	471434	hpn - OSHA: get error when running OSHA 101/200 after 273228
484450	484450	hpn - HAS: phone not displayed/address message if employee types not same as enterprise defaults
485448	485448	Personnel - Problems using date format dd-mmm-yyyy
506472	506472	VETS-100:Reporting Changes for 2002
508485	476444	Employee Affiliation: vendor error deleting affiliation (hsp_del_hiaf_indaff)
516498	516498	Hsm – Assignment: period salary not calculated correctly when different from standard.
519478	519478	hsm - Enrollment: changing values with new effective date does not create new version
520479	520479	Revised Postal Code for Newfoundland in Canada
520538	476444	hpn - HAS Incident: abend when inquiry only
520543	476444	Employee Pay Element AEM:Distribution Code 2 for J, L, R, S & T should be validate like the window
520702	476444	During export from 6.0.03 received error "invalid column name" - security_cat_code
520756	476444	Received 'invalid object' error during import; error in grants.sql for hrac
520774	520774	After applying Solution 506472 and running a Consolidated report type, get sic popup window.
520905	476444	hbn: terminate action deletes benefit plan information for plan requiring reenrollment
521073	520774	EEO-1/VETS-100: increase maximum number of establishments to 500
521082	520774	Vets-100: Number of Employees and New Hire counts are incorrect if the employee has multiple versions of the same Employee Assignment
521141	476444	hpn - Name/Address: After Solution 350313 may have issues removing address type
521263	521263	Enhancement – SQL Server 2000 Enhancement
521370	521370	hpn - Assignment:reinstating gives pcf00096 for reason code & telephone type popup not correct popup
522327	522327	hpn: hiring requisition comments box not visible
522332	522327	hpn: change reason code desc and variance type desc not displayed on Hiring Requisition activity
522377	522377	Skill Search-Application:Does not populate applicant display name

## Enhancements

### Solution 451427

#### Personnel - Auto Generation of Hiring Requisition Numbers

The Auto Generation of Hiring Requisition Numbers enhancement will provide a customer with the ability to define a range of hiring requisition IDs within SmartStream. After the range is defined, SmartStream will automatically select the next unused hiring requisition ID. A new action has been added to the Hiring Requisition window to trigger the generation of a new ID.

**Customer Benefit:** This enhancement will allow a customer to establish and enforce standards for hiring requisition IDs. It will reduce errors in Personnel by not allowing typographical errors in hiring requisition IDs.

## Special Instructions and Changes

### Special Instructions

**Table Index Changes** The following indexes will be added or updated during the installation of this service pack:

Database	Table	Index	New or Updated	Solution
DBShrac	work_vets_100_hiring_location	establishment_id	New	520774
		parent_establishment_id		
DBShrpn	regulatory_report_fmt_ctrl_aud	regulatory_report_fmt_ctrl_aud	New	318291

**Microsoft Access MDBs** The file server Personnel Reporting MDB (HRSTRM32.MDB), must be updated from the resolution 65hrs01e.mdb. MDBs are updated using the resolution apply MDB (dbpush32.mdb) process.

**Warning:** If the updated file server version is copied to a client workstation, data in the original MDB on the client workstation will be overlaid. We recommend the resolution apply process used on the file server is repeated on each workstation containing a copy of the original MDB.

Refer to DocLink, under SmartStream\SmartStream 6.5\Service Packs and Solutions\Applying Service Packs and Solutions, and review update Reporting Reporting.mdb files.

### Solution 345351

Delivered in this solution are two of the model eligibility rules. In order to incorporate the change to your own eligibility rule stored procedures, open the two stored procedures (hbnptv04.sp and hbnptv05.sp) and do a search for "345351". Here you will find the changed logic:

The where clause of the emp\_assignment select statements should indicate "and eff\_date <= @p\_asof\_date", rather than "and eff\_date < @p\_asof\_date".

The where clause of the emp\_status select statements should indicate "and status\_change\_date <= @p\_asof\_date", rather than "and status\_change\_date < @p\_asof\_date".

You should incorporate the equivalent changes to your own customized eligibility rules.

### Solution 451425 and 451426

#### Additional Security Settings

To provide the ability to secure specific Applications or Hiring Requisitions from users, we added the Security Category field to these windows. As part of applying this solution, your existing Applications and Hiring Requisitions will be updated with a Security Category of NA (Not Applicable). To enable your users to view or maintain your existing Applications or Hiring Requisitions, you will need to establish the Security Category of NA for their Group or User ID.

Establishing the Security Category for Application and Hiring Requisition is done by the following method:

- Log onto SmartStream as your SmartStream Administrator and open the Security Data Control window.
- Select the Control Type of Security Category Code.
- For any of the Groups or Users with Access Levels to the Application or Hiring Requisition, select the Name Type, the Group or User, the Activity, the Data Control type and populate the box adjacent to 1 with NA and save.

Repeat for each appropriate Group or User.

For additional information, refer to Assigning Human Resources Data Security Codes in the Human Resources Technical Reference document in DocLink.

### Migration Considerations

A new column, Security Category Code, is added to three tables for this enhancement. Below are the SQL members that are used for migration of the affected tables. Each of the .bld members generate the sammxxx.bcp file using "NA" as the default Security Category Code.

Note: The associated audit tables are not migrated.

DBShrpn Tables	DDL	Migration	Notes
application	hpndhapl.sql	r603hapl.bld sammhapl.bcp hpnbhapl.bcp cuthapl.bld	Education data bcp file for test install Used for same to same migration install
hiring_req	hpndhhrq.sql	r603hhrq.bld sammhhrq.bcp hpnbhhrq.bcp	Education data bcp file for test install
app_interface	hpndhaif.sql	r603haif.bld sammhaif.bcp	This table used by Smartmap

### Solution 519478

Whenever the Option Action Code is 'C', the Status Change Date will be used as the effective date for the Participant Option and the Pay Element. If a row does not already exist in the ben\_plan\_ptcp\_opt and emp\_pay\_element tables with an effective date the same as the new Status Change Date, then a new row will be added using the Status Change Date as the effective date. If a row does already exist in the ben\_plan\_ptcp\_opt and emp\_pay\_element tables with an effective date the same as the new Status Change Date, then the existing row will be updated.

**Solution 520479**

Newfoundland is now formally referred to as Newfoundland and Labrador. Therefore, the postal codes for Newfoundland, NF, and Labrador, LB, have been removed and the new postal code for Newfoundland and Labrador, NL, has been added. Data related to these postal codes were changed in the following tables:

Database	Table	Product	Updated in Sql/Bcp member
DBShrpn	Affiliation	Personnel	appiniw.sql eductnw.sql
DBShrpn	ben_plan	Personnel	appiniw.sql eductnw.sql
DBShrpn	business_and_professional_entity	Personnel	appiniw.sql eductnw.sql
DBShrpn	common_pay_agent	Personnel	appiniw.sql eductnw.sql
DBShrpn	emp_employment	Personnel	appiniw.sql eductnw.sql
DBShrpn	empl_tax_entity	Personnel	appiniw.sql eductnw.sql
DBShrpn	Employer	Personnel	appiniw.sql eductnw.sql
DBShrpn	has_incident	Personnel	appiniw.sql eductnw.sql
DBShrpn	has_incident_person	Personnel	appiniw.sql eductnw.sql
DBShrpn	has_incident_witness	Personnel	appiniw.sql eductnw.sql
DBShrpn	Individual	Personnel	appiniw.sql eductnw.sql
DBShrpn	Individual_personal	Personnel	appiniw.sql eductnw.sql
DBShrpn	Location	Personnel	appiniw.sql eductnw.sql
DBShrpn	recruiting_source	Personnel	appiniw.sql eductnw.sql

**Solution 520600 and 451427**

**Migration Considerations**

A new column, **Smoker Indicator**, is added to the individual\_personal table and associated audit table. A new column, **Pay Period Salary**, is added to the ben\_plan\_enroll\_pend table to be used by Active Access Benefits Enrollment.

Below are the SQL members that are used for migration of the affected tables. If row level locking is enabled on these tables, you must reset locking and drop and re-add all triggers prior to installing the service pack.

DBShrpn	Table DDL	Migration Members	Notes
individual_personal	hpndhipr.sql	r603hipr.bld *sammhipr.bcp	Default of 'N' for new column smoker_ind. Use <b>Employee Personal</b> window for updating.
individual_personal_aud	hpndau89.sql	r603hipa.bld *sammhipa.bcp	
ben_plan_enroll_pend	hbndhrpg.sql	r652hrpg.bld *sammhrpg.bcp	

\* Each of the .bld members generate the samm.xxxx.bcp file.

**Solution 520774**

As a result of this solution, when logging on to the hrstrm32.mb, you must select the "Attach Tables" checkbox.

**SmartStream Builder PBL Corrections**

PBL	Component	Event
hapm.pbl	hsm0104_procedure_map_tbls	cb_save::clicked
	hsm0300_control_table	dw_singlerow::itemchanged, dw_basic::itemchanged
Hpn1i.pbl	dw_hpn0700_hire_req_basic	added security_cat_code
	hpn0700_hiring_req_menu	"New Hiring Requisition ID" added to menu
	hpn0740d_basic	added security_cat_code
	hpn0760e_employment_can (520992)	Column emp_can_prov_work_cd: Changed Newfoundland-NF to Newfoundland and Labrador-NL

(continued)

PBL	Component	Event
hpn1.pbl	hpn0600_employee_review	cb_delete::clicked cb_ok::clicked
	hpn0555_terminate_response	added instance variable, dw_2::losefocus, dw_2::itemfocuschanged, wf_calc_ppsd_slry_amts( ), wf_compa_ratio_rng_pen( )
	hpn0630_employee_assignment_wndoe	cb_delete_asgn_version::clicked, cb_change_begin::clicked, cb_change_end_date::clicked, cb_change_version::clicked, cb_delete_asgn_version::clicked, cb_emp_review::clicked, cb_inactivate::clicked, cb_list_employee_assgns::clicked, cb_list_incumbents::clicked, cb_reassign::clicked, cb_reuse_assign_id::clicked, dw_singlerow::itemchanged, dw_7_org::itemchanged, viewselected, wf_assignment_add( ), wf_assignment_update(), wf_validate_pos_org()
	hpn0631_add_response	open
	hpn0633_inactivate_response	cb_ok::clicked
	hpn0634_employee_reassign_response	open
	hpn0635_change_asgn_response	open
	hpn0637_change_begin_response	open, cb_ok::clicked
	hpn0638_change_end_response	open, cb_ok::clicked
	hpn063n_new_assign_response	open

(continued)

PBL	Component	Event
hpn2i.pbl	dw_hpn0340f_employer_can_reg (520479)	Column empl_def_eea_province_code: Changed Newfoundland-NF to Newfoundland and Labrador-NL
	dw_hpn0340k_employer_can_trans(520479	Column transmitter_addr_prov_code: Removed Labrador-LB and Newfoundland-NF Added Newfoundland and Labrador-NL
	dw_hpn0490_employee_background_1	New column, smoker_ind added to datawindow
	dw_hpn0490_employee_address1	Deleted the Phone group box and the fields in it.
	dw_hpn0490_employee_address2	Deleted the Phone group box and the fields in it.
	dw_hpn0490_employee_address2a	Deleted the Phone group box and the fields in it.
	dw_hpn0490_employee_eea (520992)	Column indiv_eea_province_terr_code: Changed Newfoundland-NF to Newfoundland and Labrador-NL
	dw_hpn0490_employee_phone1 [NEW]	NEW
	dw_hpn0490_employee_phone2 [NEW]	NEW
	dw_hpn0490_employee_phone2a [NEW]	NEW
	dw_hpn0510_address1_view	Deleted the Phone group box and the fields in it.
	dw_hpn0510_address2_view	Deleted the Phone group box and the fields in it.
	dw_hpn0510_address3_view	Deleted the Phone group box and the fields in it. NEW
	dw_hpn0510_phone1_view[NEW]	NEW
	dw_hpn0510_phone2_view[NEW]	NEW
	dw_hpn0510_phone3_view[NEW]	

(continued)

<b>PBL</b>	<b>Component</b>	<b>Event</b>
hpn3i.pbl	hpn0100d_hlth_safety_background	added help tags to new fields
	hpn0100d_hlth_safety_form_300	added help tags to new fields
hpn3.pbl	hpn0760_employee_employment_wndoe	cb_delete_version::clicked
	hpn0762_change_version_response	open
hpn4.pbl	hpn0695_gen_application	dw_appl::itemchanged
	hpn0700_init_datawindows	Function object
	hpn0700_hiring_requisition	added instance variables, actionselected, cancel, dbupdate, initwindow, refresh, dw_singlerow::itemchanged, dw_2::itemchanged, wf_plug_mult_code_values() wf_security_cat_ctrl() <b>[NEW]</b>
	hpn0740_applicant_application	added instance variable, initwindow, dw_singlerow::itemchanged, dw_2::itemchanged, dw_2::itemfocuschanged, wf_add_application(), wf_security_cat_ctrl() <b>[NEW]</b>
	hpn0743_reassign_applicant	open
	hpn0744_assign_applicant	open
	hpn0751_change_status_response	open
	hpn0752_record_tests_response	open
	hpn0753_record_interview_response	open
	hpn0754_record_communication_response	open

*(continued)*

<b>PBL</b>	<b>Component</b>	<b>Event</b>
hpn6.pbl	hpn0320_job_basic_chunk_wndoe	cb_delete_job::clicked
	hpn0322_add_response	open, cb_ok::clicked
	hpn0324_reactivate_job_response	open, cb_ok::clicked
	hpn0325_change_job_response	open
	hpn0327_chbgn_response	open, cb_ok::clicked, dwf_chng_begin_response::itemchange, dwf_chng_begin_response::itemerror
	hpn0328_change_end_response	open, cb_ok::clicked
	hpn0329_generate_position_response	open, cb_ok::clicked
	hpn0520_pos_basic_chunk_wndoe	wf_set_actions(), cb_correct_job_id::clicked, cb_delete_pos::clicked
	hpn521_add_response	open, cb_ok::clicked
	hpn0524_reactivate_response	open, cb_ok::clicked
	hpn0525_change_pos_response	open
	hpn0527_change_begin_response	open, cb_ok::clicked
	hpn0528_change_end_response	open, cb_ok::clicked
	hpn0529_change_job_response	open
	hpn052a_listasgn_response	open, dw_header_popup::itemchanged

*(continued)*

PBL	Component	Event
hpn7.pbl		f_address_default_country() <b>[NEW]</b> , f_address_format_clear_fields() <b>[NEW]</b> , addr_fmt_clear_fields_struct <b>[NEW]</b>
	hpn0490_employee_personal	Set the Visible property for all the datawindow controls to FALSE, except the dw_singlerow and dw_2, Itemchanged for dw_2, initwindow (for new smoker_ind column)
	hpn0491_applicant_personal	initwindow (for new smoker_ind column) added instance variables,
	hpn0492_employee_name_addr	dw_ph1 <b>[NEW dw control]</b> , dw_ph2 <b>[NEW dw control]</b> , dw_ph3 <b>[NEW dw control]</b> , dbupdate , initwindow, open, dw_singlerow::itemchanged, dw_4::itemchanged, dw_addr_phone_hdr2::itemchanged, dw_addr_phone_hdr3::itemchanged, dw_addr1::itemchanged, dw_addr1::udo_changeformat, dw_addr2::itemchanged, dw_addr2::udo_changeformat, dw_addr3::itemchanged, dw_addr3::udo_changeformat, dw_phone1::itemchanged, dw_phone1::udo_setlistboxvalues, dw_phone1::udo_changeformat, dw_phone2::itemchanged, dw_phone2::udo_setlistboxvalues, dw_phone2::udo_changeformat , dw_phone3::itemchanged, dw_phone3::udo_changeformat, dw_phone3::udo_setlistboxvalues, build_views( ), build_trans_structs( ), wf_accept_text( ), wf_check_type_code_for_required( ), wf_check_types( ) wf_plug_phone_type_values( ), wf_retrieve_address_data(), wf_retrieve_phone_data( )
	hpn0492_init_datawindows	Function object.

*(continued)*

PBL	Component	Event
hpn7.pbl (continued)	hpn0493_applicant_name_addr	added instance variables, dw_ph1[ <b>NEW dw control</b> ], dw_ph2[ <b>NEW dw control</b> ], dw_ph3[ <b>NEW dw control</b> ], dbupdate, initwindow, open, dw_singlerow::itemchanged, dw_4::itemchanged, dw_addr_phone_hdr2::itemchanged, dw_addr_phone_hdr3::itemchanged, dw_addr1::itemchanged, dw_addr1::udo_changeformat, dw_addr2::itemchanged, dw_addr2::udo_changeformat, dw_addr3::itemchanged, dw_addr3::udo_changeformat, dw_phone1::itemchanged, dw_phone1::udo_setlistboxvalues, dw_phone1::udo_changeformat, dw_phone2::itemchanged, dw_phone2::udo_setlistboxvalues, dw_phone2::udo_changeformat, dw_phone3::itemchanged, dw_phone3::udo_changeformat, dw_phone3::udo_setlistboxvalues, build_views( ), build_trans_structs( ), wf_accept_text( ), wf_check_type_code_for_required(), wf_check_types(), wf_plug_phone_type_values( ), wf_retrieve_address_data(), wf_retrieve_phone_data( ), wf_set_update_inquiry()
	hpn0493_init_datawindows	Function Object

(continued)

PBL	Component	Event
hpn7.pbl (continued)	hpn0510_employee_dependents	added instance variables, dw_ph1[ <b>NEW dw control</b> ], dw_ph2[ <b>NEW dw control</b> ], dw_ph3[ <b>NEW dw control</b> ], cancel, dbupdate, initwindow, open, setnameview, viewselected, dw_singlerow::itemchanged, dw_4::itemchanged, dw_addr_phone_hdr2::itemchanged, dw_addr_phone_hdr3::itemchanged, dw_addr1::itemchanged, dw_addr1::itemfocuschanged, dw_addr1::udo_changeformat, dw_addr2::itemchanged, dw_addr2::itemfocuschanged, dw_addr2::udo_changeformat, dw_addr3::itemchanged, dw_addr3::itemfocuschanged, dw_addr3::udo_changeformat, dw_phone1::itemchanged, dw_phone1::udo_changeformat, dw_phone1::udo_setlistboxvalues, dw_phone2::itemchanged, dw_phone2::udo_changeformat, dw_phone2::udo_setlistboxvalues, dw_phone3::itemchanged, dw_phone3::udo_changeformat, dw_phone3::udo_setlistboxvalues, build_views( ), load_dddw(), wf_check_type_code_for_required( ), wf_retrieve_address_data(), wf_validate_before_insert_update( ), wf_validate_national_id_number( )
	hpn0510_init_datawindows	Function Object.

(continued)

## Special Instructions and Changes

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PBL	Component	Event
hpn9.pbl	h_nvo_address_phone	<b>NEW function:</b> uof_load_addr_phone_fmt( )
	hpn0870_employee_affiliation	Dbdelete
	hpn0930_location	initwindow, begindrag, dragdrop, dragwithin, dw_property_unassigned::clicked , dw_property_assigned::clicked, dw_singlerow_itmchgd_logic()
	hpn0100_health_and_safety_workbench	viewselected, dw_detail::rowfocuschanged, dw_witness::rowfocuschanged, dw_singlerow_itemchanged_logic( ), wf_get_emp_address( ) proc_sec( ) - new window function set_all_inquiry( ) - new window function initwindow dw_witness::rowfocuschanged
hraidit.pbl	w_database_audit_bldr	Instance Variables Function wf_build_update_trigger_sql Function wf_build_delete_trigger_sql Function wf_build_insert_trigger_sql

## MS Access Changes

Solution Source MDB	Language	Target MDB/MDA to be corrected:	Rerun UDAK Process?
65HRS01e.mdb	English	HRSTRM32.MDB	No
65HRS01f.mdb	French	HRSTRM32.MDB	No

What has changed

MDB/MDA	Component	Sub-Component
65HRS01E.mdb	Module	API_MAIN
		HR Stream Vets-100 Reporting HR Stream EEO-1 Reporting
	Tables	Fixlist
		Upgrade Objects
		Upgrade System
		VETS_100_JOB_CATEGORY
		HR Stream Data Request hdr58 Extract
	Forms	HR OSHA 300 Report
		HR OSHA 301 Report
		HR Stream Data Request Personal Report
		HR Stream OSHA 200 Report
		<ul style="list-style-type: none"> <li>▪ Listbox AvailableInc</li> <li>▪ Property Row Source Type changed to spaces</li> <li>▪ Property Row Source changed to Fill_Incident_LB</li> <li>▪ HR Stream OSHA 101 Report</li> <li>▪ Listbox AvailableInc</li> <li>▪ Property Row Source Type changed to spaces</li> </ul>
		HR OSHA Form 301
		HR Stream Vets-100 Consolidated Report
	Reports	HR Stream VETS-100 Consolidated Report Attachment
		HR Stream Vets-100 Report
	Query	HR Stream Vets-100 Report Query
		HR Stream VETS-100 Report Attachment Query
		HR Stream Vets-100 Consolidated Report Attachment
		HR Stream Data Request Individual Insert
		HR Stream Data Request Individual Insert 2
		HR Stream Data Request Personal

### Scheduled Processes Updated

The following scheduled processes have been modified as part of this solution. If you are running a Microsoft Job Server and the user ID installing Service Pack 3 does not have administrative rights to the Microsoft Job Server, you will need to copy these files from the patch\batch\ntintel directory of your SmartStream file server image to your Job Server workstation.

Program	Description
hsmc0000.exe	SmartMap Edit program

## 16 Product Details for Procurement Common

---

### Chapter Contents

- 16-1 Solutions Addressed
  - 16-2 Special Instructions and Changes
- 

### Solutions Addressed

Solution	Description
504466	Cannot print picklist with auto pick/no backorders, using multiple permanent bins when the first bin location is empty (zero on hand quantity) but the second bin has enough to fill the requisition

## Special Instructions and Changes

### Special Instructions

#### Updated Table Data

Newfoundland is now formally referred to as Newfoundland and Labrador. Therefore, the postal codes for Newfoundland, NF, and Labrador, LB, have been removed and the new postal code for Newfoundland and Labrador, NL, has been added for solution 520479. Data related to these postal codes were changed in the following tables:

Database	Table	Solution
DBSpcode	deliver_to_addr	520479
DBSpcode	ship_to_addr	520479
DBSplmm	site	520479

### SmartStream Builder PBL Corrections

PBL	Component	Event
mcd.pbl	mcd_location	Structure
	mcd_supplies_nvuo User Object	Function of_update_inv_qty()
	Mcd0001_launch_job	Dw_1::itemchanged

### MS Access Corrections

None

### Scheduled Processes Updated

None

# 17 Product Details for Projects

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## Chapter Contents

- 17-1 Solutions Addressed
  - 17-2 Enhancements
  - 17-3 Special Instructions and Changes
- 

## Solutions Addressed

Solution	Description
23942	Enhancement - Save grid changes in Project Balance Inquiry window
201371	Project journals loaded with pre-existing components/cost elements cannot be saved as complete
420381	Project and Component Load Job fpjc4200 fails for component loads in Sybase environments.
522384	Unposted projects journals window allows users to post incorrect amounts to ledger
522581	Unable to clear out a udak element with a C3 transaction
522863	Projects posting (fpjc7000.exe) hangs
523598	Correcting a balance transaction error through a to-do gives error message and SS closes.
523778	Some processes may not run on Microsoft SQL Server 2000 without additional modifications

## Enhancements

### Solution 23942 - Save Grid on Project Balance Inquiry Window

Projects will be enhanced to allow users to save their grid settings on the Projects Balance Inquiry window. The window will reference the Grid Saving option that is set up in SmartStream General Preferences to determine how the grid will be saved.

**Customer Benefit:** Saving the grid settings so that the most commonly queried information automatically appears on the grid every time the user enters the window greatly speeds up the balance inquiry functionality, thereby offering the user increased productivity.

## Special Instructions and Changes

### Special Instructions

None

### SmartStream Builder PBL Corrections

PBL	Component	Event
fpj.pbl	fpj3200_project_summary_balance_inquiry (23942)	Function Event close
		Instance Variables
		New Function fpj3200_save_grid
		New Function fpj3200_save_temp_grid
		New Function fpj3200_restore_grid
		New Function init_grid_settings
		Event actionselected
		Script dw_list, Event clicked
		Script dw_list, Event retrieveend
		Script dw_list, Event resetgrid
fpj6100_nvuo_journal (201371)	fpj6100t_msgs (201371)	Function attributes
		default_acctg_distncalculate_amounts
fpj6100_unposted_journal (201371)	fpj6100_unposted_journal (201371)	Function:
		redefault_line_info redefault_acctg_distn action_selected
fpj6100_unposted_journal (522384)	fpj3600_balance_ocf (523598)	Function dw_detail_itmchgd_logic
		Function control list

### MS Access Corrections

None

### Scheduled Processes Updated

The following scheduled processes have been modified as part of this solution. If you are running a Microsoft Job Server and the user ID installing Service Pack 3 does not have administrative rights to the Microsoft Job Server, you will need to copy these files from the patch\batch\ntintel directory of your SmartStream file server image to your Job Server workstation.

## Special Instructions and Changes

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Program	Description
Fpjc4200.exe	Project and Component Load

## 18 Product Details for Purchasing

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### Chapter Contents

- 18-1 Solutions Addressed
  - 18-3 Enhancements
  - 18-4 Special Instructions and Changes
- 

### Solutions Addressed

Solution	Description
23948	The Automated Copy of Requisition Comments to Purchase Orders enhancement will provided for setting up a SmartStream policy that allows requisition comments to be copied to corresponding purchase order .
27619	The Search by Vendor Operating Name enhancement will enhance the File Open dialog box for the Purchase Order and Purchase Order Inquiry windows so that Organization Operating Name is a field option available when searching for existing purchase orders.
267353	With this enhancement, the integration with third-party facsimile software packages will be externalized to allow customers to use SmartStream with the fax package of their choice.
267880	Icon not displaying properly on Purchase Order Comments window
275313	Getting error messages when trying to print EDI purchase orders from the purchasing reports activity and also at the end of the job scheduler run.
405368	Eliminate the ARPC call made in mpoc0030 as it can cause deadlocks
512484	The purchase_order_line_sched_atl1 index is not added when running upgrade in place for to 6.5.02
520923	Customers that use a single Site for Payables and Purchasing may experience performance problems in stored procedures that should be using index pmt_rqst_line_pols on table DBSprqt.pmt_rqst_line.
520928	The Purchase Order Update/Sent processs (mpoc0030) issues a syntax error when the vendor operating name contains an apostrophe followed by a comma (example: 'System test', sa).
520969	Replenishment, mimc3030, running long after applying service pack 2.
521051	On the Purchase Order activity window, enter the PO number for an existing PO, press tab and user gets 'Invalid DataWindow row/column specified' error.
521526	When a new SmartStream install environment is created from a file server image, users receive

## Solutions Addressed

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	stored procedure msp_del_rqas_all in DBSreqm (included in Financial & Procurement Cumulative solution 379341) not found message when saving a requisition.
521562	Change orders are labeled as Cancel orders when printed after a cancel order.
522501	Incorrect purchase Order status when saving a purchase order with no line
523022	Error when running batch po load. The program is looking for table family oohm which no longer exists in SmartStream.
523372	New alternate index on sched_rcpt_detail for shipment reference number added to help with long response times performing changes on the Receipt Maintenance window.
523798	Receiving to Purchase Order with split distribution updates funds incorrectly
524176	When adding adjustments (new lines) to a Purchase Order and then trying to save it you receive the error "ffc1034026."
524772	Error mpo0100_edit_jrnl_for_update line 451 Invalid Datawindow row/column...Saving a PO

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## Enhancements

The following Purchasing enhancement is included in this service pack:

### Solution 23948 - Automated Copy of Requisition Comments to Purchase Orders

The Automated Copy of Requisition Comments to Purchase Orders enhancement will provide for setting up SmartStream policies that allows requisition header and line comments to be copied to corresponding purchase header and purchase order lines. The comments will be available for internal consultation and PO print.

**Customer Benefit:** The enhancement will make user specifications more readily accessible to purchasing personnel. This will improve buying decisions and reduce errors. Incorporating user comments into the purchase order also provides the ability to print the comments on purchase orders and improve communication between suppliers and end users.

### Solution 267353 - Externalize Fax Support

With 6.5.03, integration with third-party facsimile software packages will be externalized to allow customers to use SmartStream with the fax package of their choice. The fax package need only take advantage of the Microsoft COM technology for faxing purchase orders to vendors. A sample dynamic link library (DLL) will be supplied by SmartStream (with source code) that can be modified for third-party integration. The DLL will be delivered with the integration already set up to support the Captaris Rightfax 7.2 and 8.5 versions.

**Customer Benefit:** SmartStream Purchasing will be integrated with the fax package of the customer's choice to allow transmission of purchase orders to vendors. In addition, this enhancement provides customers the flexibility to switch between packages as their needs change.

### Solution 27619 - Search by Vendor Operating Name

This enhancement will enhance the File Open dialog box for the Purchase Order and Purchase Order Inquiry windows so that Organization Operating Name is a field option available when searching for existing purchase orders.

**Customer Benefit:** This enhancement will provide greater efficiency when performing a purchase order search as customers most often recognize vendors by their name instead of their vendor identifier.

## Special Instructions and Changes

### Special Instructions

#### Purchasing - Externalize Fax Support

For detailed information about implementing the Purchase Order Fax enhancement, refer to the *Producing Output for Purchase Orders* section in DocLink on AnswerLink under SmartStream - SmartStream 6.5 - Technical Reference - Financials - Purchasing.

#### Requisition to Purchase Order Comments Copy

In order to enable the functionality to allow automatic copying of comments from requisitions to purchase orders for header and line comments, the policy for purchase entities must be updated to allow this. The enhancement is delivered with this functionality disabled.

#### Updated Tables

The following tables were updated with this service pack to add new columns. If row level locking is enabled on these tables, you must reset locking and drop and re-add all triggers prior to installing the service pack.

Database	Table Name	New Columns	Solution
DBSpuen	purchase_entity	allow_auto_po_comnts_ind allow_auto_po_line_comnts_ind	23948

#### Table Index Changes

The following indexes will be added or updated during the installation of this service pack:

Database	Table	Index	New or Updated	Solution
DBSpuen	purchase_order_line	purchase_order_line_alt1	New	520969
DBSpuen	purchase_order_line_sched	purchase_order_line_sched_alt1	New	187103
DBSreqm	sched_rcpt_detail	sched_rcpt_detail_ship	New	523372

### SmartStream Builder PBL Corrections

PBL	Component	Event
mpc.pbl	s_purchase_entity	Structure
mpo.pbl	mpo0073_sget_puen	Function
	mpo0050_init_datawindows	Function
	mpo0100_edit_jrnl_for_update	Function
	mpo0050_purchase_entity	Function f_set_inquire
	mpo0100_po_document	Function dw_col_init

	mpo0100_po_document	Function retrieve_document()
	mpo0100_po_document	Event dbupdate
	mpo0300_po_inquiry	Event initwindow
mpoi.pbl	mpo0050_purchase_entity_d	Two new fields allow_auto_po_comnts_ind, allow_auto_po_line_comnts_ind

**MS Access Corrections**

This solution delivers an *entirely new* application Purchasing Report Microsoft Access MDB, mpoact32.mdb, which is loaded to the SmartStream client during a client install or the client refresh process. There is *no* solution MDB file being delivered for Service Pack 3. Thus, there will be *no* need to run the Access solution utility (dbpush32.mdb) to copy the updated Access components from the solution MDB replacing the objects in the application MDB.

If the Access solution utility (dbpush32.mdb) has not yet been run for the 650mpo1e.mdb or the 651mpo1e.mdb that were delivered with Service Pack 1 and 2, it is not necessary to run the Access solution utility for these files. Since Service Pack 3 has re-delivered the mpoact32.mdb, this MDB already contains the updates from 650mpo1e.mdb and 651mpo1e.mdb.

**Scheduled Processes Updated**

The following scheduled processes have been modified as part of this solution. If you are running a Microsoft Job Server and the user ID installing Service Pack 3 does not have administrative rights to the Microsoft Job Server, you will need to copy these files from the patch\batch\ntintel directory of your SmartStream file server image to your Job Server workstation.

Program	Description
mpoc0030.exe	Purchase Order Update/Sent Program
mpoc0600.exe	Purchase Order Load Program
72_mpofax.dll, 85_mpofax.dll	Purchase Order Fax – RightFax DLL Samples

## 19 Product Details for Receivables

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### Chapter Contents

- 19-1 Solutions Addressed
  - 19-3 Special Instructions and Changes
- 

### Solutions Addressed

Solution	Description
284239	Error in exec_path in activity_master_1 for mdb's has incorrect ss_path reference
341387	Credit Account Contact - File Open search by Status Code shows no values in drop-down list
443410	Receive error message when access help for Aged Trial Balance ATB
472431	Credit Management Account: status PENDING and REJECTED is ignored when using on Receivable Account
478437	Receivable documents loaded as incomplete have no error handling option on jrnl ctrl when posted
478456	Error returned when saving receivable document write off and no reason entered
481461	Adding a receivable document with a blank (space) in the recv_doc_id gives unpredictable results
493454	Remittance balancing lists deposit clearance jrnl's and some remittance clearance jrnl's as missing
511471	Add order by in farpbt05.sp
518481	RRLN Transactions stored procedure is adding a value in a udak field that is not used
520592	fcrdun32.mdb does not close down after running the 'Dunning Letter Print' via job scheduler
520809	Visual Basic Error when reviewing last page of Receivable Account Statements
520876	Creating document deduction on credit transaction - browse not available
5266	Funds checking DLL fails in a non English environment
522288	remittance allocation passes the wrong parameters to the currency conversion stored procedure
522400	Return code 5 from farc0101 with duplicate RRLT records
522494	Running farc2000 receiving DBMS message 515, state 3, severity 16, Attempt to insert NULL value
522515	Return code 5 from farc5024 when running unix version of the program

## Solutions Addressed

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<b>Solution</b>	<b>Description</b>
522649	No date validation when deposits are saved without remittances.
522693	The Comment ICON doesn't show up when you redisplay the comment view window
522727	Credit Account Activity: Address format changes doesnt update Country Code on General Info view
523360	Credit Account Snapshot window will shut down SmartStream in the Citrix Environment
523599	Null (1/1/1900) date causes Remittance Allocation Eff Date pop up window to bypass save of new date
523792	recv_server_process not found. Activity ID : far2001
523871	Help/About Maintenance window doesn't display updates for far3, fbl, and fbli objects

## Special Instructions and Changes

### Special Instructions

None

### SmartStream Builder PBL Corrections

PBL	Component	Event
far1.pbl	far0004_receivable_document	Itemchanged
far2.pbl	far2001_remit_alloc	Settaborder
	far2001_remit_alloc	get_rate_info()
	far3000_deposit	Dbupdate
	far2001_remit_alloc	far2001_remit_alloc
	far2001_remit_alloc	check_dll_running()
fcr.pbl	fcr0100_crac_credit_acct	Itemchanged
	fcr0101_credit_snapshot	setup_print_functions( integer offon_v ) (NEW)
fcri.pbl	fcr0300h_cred_acct_contact	

MS Access Corrections

Solution Source MDB	Language	Target MDB/MDA to be corrected:	Rerun UDAK Process?
652far1e.mdb	English	faratb32.mdb	No
652far2e.mdb	English	farstm32.mdb	No
652far3e.mdb	English	farbal32.mdb	No
652far4e.mdb	English	fartot32.mdb	No
652far5e.mdb	English	fardrp32.mdb	No
652far6e.mdb	English	farasr32.mdb	No
652far7e.mdb	English	farfcp32.mdb	No
652far8e.mdb	English	farpur32.mdb	No
652fcr1e.mdb	English	fcrsta32.mdb	No
652fcr2e.mdb	English	fcdun32.mdb	No

What has changed:

MDB/MDA	Component	Sub-Component
farasr32.mdb	Finance Charge Notice Print Options form	
	FAR_Help_Menu module	Entire module
	FAR_Win_API_Function_Declarations module	Declarations
faratb32.mdb	Finance Charge Notice Print Options form	
	FAR_Help_Menu module	Entire module
	FAR_Win_API_Function_Declarations module	Declarations
farbal32.mdb	Finance Charge Notice Print Options form	
	FAR_Help_Menu module	Entire module
	FAR_Win_API_Function_Declarations module	Declarations
fardrp32.mdb	Finance Charge Notice Print Options form	
	FAR_Help_Menu module	Entire module

	FAR_Win_API_Function_Declarations module	Declarations
farfcp32.mdb	Finance Charge Notice Print Options from	
	FAR_Help_Menu module	Entire module
	FAR_Win_API_Function_Declarations module	Declarations
farpur32.mdb	Finance Charge Notice Print Options form	
	Receivable Purges form	
	FAR_Help_Menu module	Entire module
	FAR_Win_API_Function_Declarations module	Declarations
	Credit Account Archive Purge report	
	Deposit Clearance Archive Purge report	
	Receivable Account Archive Purge report	
	Receivable Document Archive Purge report	
	Remittance Archive Purge report	
	Remittance Clearance Archive Purge report	
farstm32.mdb	Finance Charge Notice Print Options form	
	FAR_Help_Menu module	Entire module
	FAR_Win_API_Function_Declarations module	Declarations
	StatementPrint Module	FormatTot()
	Statement report	
fartot32.mdb	Finance Charge Notice Print Options form	
	FAR_Help_Menu module	Entire module
	FAR_Win_API_Function_Declarations module	Declarations

(continued)

## Special Instructions and Changes

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<b>MDB/MDA</b>	<b>Component</b>	<b>Sub-Component</b>
fcrdun32.mdb	Finance Charge Notice Print Options form	
	Dualcurrmodule module	
	FCR_Help_Menu module	Entire module
	FCR_Win_API_Function_Declarations module	Declarations
	FCR_Win_API_Function_Declarations module	Declarations
	sr_DunningDetailSection report	
fcrsta32.mdb	Finance Charge Notice Print Options form	
	FCR_Help_Menu module	Entire module
	FCR_Win_API_Function_Declarations module	Declarations

## Scheduled Processes Updated

The following scheduled processes have been modified as part of this solution. If you are running a Microsoft Job Server and the user ID installing Service Pack 3 does not have administrative rights to the Microsoft Job Server, you will need to copy these files from the patch\batch\ntintel directory of your SmartStream file server image to your Job Server workstation.

<b>Program</b>	<b>Description</b>
Farc0101.exe	Receivable Document Load and Post
Farc5024.exe	Finance Charge Receivable Document Create

## 20 Product Details for Receiving

---

### Chapter Contents

- 20-1 Solutions Addressed
  - 20-2 Special Instructions and Changes
- 

### Solutions Addressed

Solution	Description
519500	When entering a receipt in a Sybase NT environment you can receive the message "MDS20019" due to an issue with Sybase NT not being able to handle a CANCEL command.
520566	Wrong unit of measure defaulting on Return activity
522804	Receive "Invalid Datawindow row/column specified" message when saving a Return.

## Special Instructions and Changes

### Special Instructions

None

### SmartStream Builder PBL Corrections

PBL	Component	Event
mds.pbl	mds_receiving_uo	Function supplies_putaway()
	mds3000_return	Event ActionSelected
	mds3000_return	Function validate_return_qty()
	mds3000_return	Function validation_uom_conversions()

### MS Access Corrections

None

### Scheduled Processes Updated

None

# 21 Product Details for Supplies Cost Management

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## Chapter Contents

- 21-1 Solutions Addressed
  - 21-2 Special Instructions and Changes
- 

## Solutions Addressed

Solution	Description
520851	On hand quantity in cost_item_stkr does not match the on hand quantity of the inventory_stockroom for an item.
521272	Rollback error on site item when changing item to stocked from stocked expensed. Item must have an on hand quantity and cost by site.
521531	Delivered version of the Cost (3793412.ccl) file did not udak, compile or execute various stored procedures, triggers and SQL when the ccl file is applied.
523827	The Journal Creation job returns a 5 with no clear error message as to what is wrong, when a Requisition line has split it's accounting distribution across more than 13 accounting distributions lines.
523836	Defining a Ledger Posting Request, post Cumulative 379341, for Journal Source "Cost Management", the site drop down field is either blank or new sites are missing. The problem originates from the Journal Creation job in the Supplies Management product.
524554	Solution 454428(Archive Cost runs long) missed 2 indexes on tbl cost_jrnl_ctl_archive, cost_inv_acct

## Special Instructions and Changes

### Special Instructions

None

### SmartStream Builder PBL Corrections

None

### MS Access Corrections

None

### Scheduled Processes Updated

The following scheduled processes have been modified as part of this solution. If you are running a Microsoft Job Server and the user ID installing Service Pack 3 does not have administrative rights to the Microsoft Job Server, you will need to copy these files from the patch\batch\ntintel directory of your SmartStream file server image to your Job Server workstation.

Program	Description
mcmc0050.exe	Journal Creation Program

## 22 Product Details for Supplies Management

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### Chapter Contents

- 22-1 Solutions Addressed
  - 22-2 Special Instructions and Changes
- 

### Solutions Addressed

Solution	Description
434396	Blank Values returned with Search/Browse on the Replenishment Group Window for the Item field
504466	Cannot print picklist with auto pick/no backorders, using multiple permanent bins when the first bin location is empty (zero on hand quantity) but the second bin has enough to fill the requisition.
522297	When a new SmartStream install environment is created from a file server image, users receive stored procedure msp_sel_rcth_datetime_pklist in DBSrcth (included in Financial & Procurement Cumulative solution 379341) not found message when entering a receipt.
523140	Batch Reservations is not reordering items that qualify for replenishment because the reorder tolerance on replenishment groups is not working properly

## Special Instructions and Changes

### Special Instructions

**Table Index Changes** The following indexes will be added or updated during the installation of this service pack:

Database	Table	Index	New or Updated	Solution
DBScost	cost_jrnl_ctrl_archive	cost_jrnl_ctrl_archive	Updated	454428
		cost_jrnl_ctl_arch_dist_entity	Updated	524554
	cost_jrnl_line_archive	cost_jrnl_line_archive	Updated	454428
	cost_posted_acct_archive	cost_posted_acct_archive	Updated	454428
	cost_inv_hist_archive	cost_inv_hist_archive	Updated	454428
	cost_inv_misc_acct_archive	cost_inv_misc_acct_archive	Updated	454428
	cost_proj_jrnl_line_archive	cost_proj_jrnl_line_archive	Updated	454428
	cost_inv_stkr_archive	cost_inv_stkr_archive	Updated	454428
	cost_inv_posted_gl_archive	cost_inv_posted_gl_archive	Updated	454428
	cost_inv_costed_archive	cost_inv_costed_archive	Updated	454428
	cost_inv_acct_archive	cost_inv_acct_archive	Updated	454428
	cost_proj_jrnl_ctrl_archive	cost_proj_jrnl_ctrl_archive	Updated	454428
	cost_inv_adjust_archive	cost_inv_adjust_archive	Updated	454428
	cost_inv_wip_archive	cost_inv_wip_archive	Updated	454428
	cost_inv_xfer_ord_archive	cost_inv_xfer_ord_archive	Updated	454428
	cost_inv_xfer_avg_cost_archive	cost_inv_xfer_avg_cost_archive	Updated	454428
	cost_kit_ord_line_dtl_archive	cost_kit_ord_line_dtl_archive	Updated	454428
	cost_kit_ord_line_archive	cost_kit_ord_line_archive	Updated	454428
	cost_kip_archive	cost_kip_archive	Updated	454428
	cost_inv_acct	cost_inv_acct_pid_archive	Updated	524554

### SmartStream Builder PBL Corrections

PBL	Component	Event
mim.pbl	mim0800_print_picklist	Function line_detail_logic()

### MS Access Corrections

None

## Scheduled Processes Updated

The following scheduled processes have been modified as part of this solution. If you are running a Microsoft Job Server and the user ID installing Service Pack 3 does not have administrative rights to the Microsoft Job Server, you will need to copy these files from the patch\batch\ntintel directory of your SmartStream file server image to your Job Server workstation.

<b>Program</b>	<b>Description</b>
mimc3010.exe	Replenishment Program