SSIS/IFSpi Interface Setup Instructions
AS/400 (iSeries) DB2 - Statewide

If you are upgrading your AS/400 (iSeries) you MUST contact the SSIS Help desk before you can install IFSpi. There are a number of steps that must be performed in sequence to ensure that the interface will work as expected with your upgraded AS/400 (iSeries). These steps are in addition to these instructions and must be done first.

If you are going to run these steps in a test environment prior to your production conversion to IFSpi, contact SSIS at ssishelp@state.mn.us or 651-431-4801.

This document contains the steps that need to be completed when your county is converting to IFSpi. The steps are broken down into three sections; “Preparation”, “Update and Test” and “Cleanup”. The summary table below lists a brief description of each step, the applications used for the step, along with the security function that is needed by the person completing this step. Review this table ahead of time to make sure you have the right people available on the day of the conversion. Detailed instructions for each step are on the pages following this table.

<table>
<thead>
<tr>
<th>Summary Checklist</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
</tr>
<tr>
<td><strong>Preparation - Complete steps 1 – 4 on the conversion date, before TriMin starts the conversion and after everyone is done with updates in IFS. No Vendor or Payment Information should be processed in IFS during this time. If you encounter an error on steps 1 – 4 contact the SSIS Help Line (651-431-4801)</strong></td>
</tr>
<tr>
<td>1 Verify all Payment Batches have been processed</td>
</tr>
<tr>
<td>If all batches have not been processed, you will need people with the following security, depending on what is left to do: Submit Payment Batch Request (SSIS Worker) Administer System (SSIS Admin) Process a SSIS payment batch (IFS)</td>
</tr>
<tr>
<td>2 Verify all Vendor Import errors have been addressed</td>
</tr>
<tr>
<td>If unresolved errors exist, you will also need: Administer System (SSIS Admin) Add/edit/delete vendors (IFS)</td>
</tr>
<tr>
<td><strong>Steps 1 and 2 must be completed before continuing</strong></td>
</tr>
<tr>
<td>3 Disable the Payment and Vendor Interfaces <strong>STOP Call the SSIS Help desk – to update the pymtvar.settings on the SSIS server. 651-431-4801</strong></td>
</tr>
</tbody>
</table>
## Summary Checklist

<table>
<thead>
<tr>
<th>Description</th>
<th>App</th>
<th>Security</th>
<th>Done</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 Create a Payment Batch that will be used after the IFSpi conversion</td>
<td>SSIS Worker</td>
<td>Create Payment Requests</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Approve Payment Request</td>
<td></td>
</tr>
</tbody>
</table>

Update and test – The following steps coincide with the IFSpi conversion performed by TriMin staff or your installer. Complete steps 5 – 11 after the IFSpi conversion is complete.

<table>
<thead>
<tr>
<th>Step</th>
<th>Description</th>
<th>App</th>
<th>Security</th>
<th>Done</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>TriMin or your installer will notify your primary contact that the conversion is complete and you can now begin step 6.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Update the Server Settings</td>
<td>SSIS server</td>
<td>SSIS server access</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Verify the Vendor Interface is working correctly.</td>
<td>IFSpi</td>
<td>Edit vendors</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>SSIS Admin</td>
<td>Administer System</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Update the Payment Interface Settings</td>
<td>SSIS Admin</td>
<td>Administer System</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Verify the Payment Interfaces are working correctly.</td>
<td>SSIS Worker</td>
<td>Submit Payment Batch Request</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>SSIS Admin</td>
<td>Administer System</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>IFSpi</td>
<td>Process a SSIS payment batch</td>
<td></td>
</tr>
</tbody>
</table>

### Cleanup

<table>
<thead>
<tr>
<th>Step</th>
<th>Description</th>
<th>App</th>
<th>Security</th>
<th>Done</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>Vendor cleanup</td>
<td>IFSpi</td>
<td>Edit Vendors</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Cancel the warrants if test Payment Requests were used</td>
<td>SSIS Worker</td>
<td>Create Payment Modifications</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>IFSpi</td>
<td>Cancel warrants</td>
<td></td>
</tr>
</tbody>
</table>
Preparation
Complete steps 1 – 5 on the conversion date, before TriMin or your installer starts the conversion and after everyone is done with updates in IFS. No Vendor or Payment Information should be processed in IFS during this time.
If you encounter an error on these steps contact the SSIS Help Line (651-431-4801)
Refer to the Summary Checklist on page 1 for security functions needed to perform these steps.
In the preparation steps you will make sure that processing for the Payment and Vendor interfaces is complete and turn off the interfaces. You will create a test Payment Batch which will be used to test the Payment Interfaces after the conversion is complete.
1) Verify all Payment Batches have been fully processed by checking that no Payment Batches have a Batch Status of "Submitted":
   a) In SSIS Worker, select Searches/Logs / Payments / Payment Batch Search.
   b) Search for Payment Batches using the following search criteria:
       Owner: Blank out the value in this field
       Batch Status: Submitted
   c) If any Payment Batches have a Batch Status of "Submitted", processing of these batches must be completed before continuing. This will prevent unforeseen errors that may occur if you wait until after the conversion to IFSpi to process batches that have been submitted in SSIS.
2) Verify all Vendor Import errors have been addressed:
   a) In SSIS Worker, select Searches/Logs / Interface Log
   b) Search the Vendor Interface Log using the following search criteria:
       Date Range: Custom
       From: Yesterday's date
       To: Today's date
       Interface Log Status: Error
       Interface Log Type: Vendor Import
   c) Correct errors as you normally would to prevent unforeseen problems that may occur if you wait until after the conversion to IFSpi to correct errors.
      For example: If the error message “Address Line 1” is required displays, fix the address on the vendor in IFS. Then run the Vendor Import manually by selecting the "Run Current Interface Now" menu option from the Vendor Import Settings tab in SSIS Admin. under Tools/Interface Settings.

The screen shot below contains an example of an error in the Vendor Interface Log:
3) Disable the Payment and Vendor Interfaces:
   a) In SSIS Admin, select Tools / Interface Settings
   b) Select the "Payment Request Settings" tab
   c) Select "Disable Current Interface Job" on the Action Menu.
   d) Repeat Step 3c for the following tabs, which are also on the "Interface Settings" screen:
      - Payment Batch Status Settings
      - Payment Confirmation Settings
      - Vendor Import Settings
   e) **STOP** Call SSIS Help Desk (651-431-4801) to request an update of the pymtvar.settings for the AS/400 (iSeries) on your SSIS Server when all interfaces are disabled. SSIS will contact you when this setting has been updated.

4) Create a Payment Batch that will be used after the IFSpi conversion to test the interfaces between SSIS and IFSpi:
   a) In SSIS Worker, create a new Payment Batch.
   b) Add two new Payment Requests to the batch as described below:
      Payment Request #1 - Foster care maintenance payment with a payee-- this will test the use of payee information in IFSpi and printing of the remittance advice
      Payment Request #2 – Admin payment to the payee in Payment Request #1, if you don’t use Payees, create another foster care Payment Request for the same vendor in Payment Request #1 – this will test combining payments into one warrant.
      Notes:
      - You can create actual payments that will be sent to vendors or you can create test payments that will later be cancelled in SSIS and IFSpi.
      - If you create test payments, enter a note in the "Remittance adv. desc. / reason" field indicating these payments were used to test the new interface to IFSpi.
   c) Approve the Payment Requests.
d) Make a note of the Payment Batch # to use in later steps

5) TriMin or your installer will notify your primary contact that the conversion is complete and you can now begin step 6.

This completes the preparation steps. The remaining steps are to be completed after the IFSpi conversion.

**NOTE:** The IFSpi conversion process may involve considerable time before you can continue with the remaining steps. Contact TriMin or your installer if you have questions
Update and Test - The following steps coincide with the IFSpi conversion performed by TriMin staff or your installer.

**Complete steps 6 –11 after the IFSpi conversion is complete.**

Refer to the Summary Checklist on page 1 for security functions needed to perform these steps.

In these steps you will update the interface settings to work with IFSpi, turn the interfaces on, and test the Vendor and Payment interfaces.

6) Update the Vendor Interface Settings on the **SSIS Server**:
   a) Go to the SSIS server
   b) Select Start, then select “Programs”
   c) Select “SSIS Server”, then select “Vendor Import”
   d) Select the “County Accounting System Connection Settings” tab
   i) Update the values for the following "Key" fields listed below.

<table>
<thead>
<tr>
<th>Key</th>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Database (Server Name)</td>
<td>Name of the IFSpi database on the AS400 (iSeries) Example: SSIS400</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Note:</strong> This name will remain the same if using the same AS/400 (iSeries). If getting a new</td>
<td></td>
</tr>
<tr>
<td></td>
<td>AS/400(iSeries), this name will need to be updated.</td>
<td></td>
</tr>
<tr>
<td>User_Name</td>
<td>AS400 (iSeries) system user profile that runs the Vendor Import to SSIS.</td>
<td>SSISUSER</td>
</tr>
<tr>
<td></td>
<td>This user will only have Read/Write access to CPYMTHDR, CPYMTREQ, CPMBATST, CPYMTERR, CPYMTCNF,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>VNIMPORT and SSISVNDR tables in the new library listed in the RoleName set up below.</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>This IFSpi user profile needs to exist on the iSeries server for db authority purposes and have</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>rights granted to IFXCxxDpi(xx = county number) in the QSys library.</strong></td>
<td></td>
</tr>
<tr>
<td>Password</td>
<td>Set up a non-expiring password for the system user created above. For security reasons, do not</td>
<td></td>
</tr>
<tr>
<td></td>
<td>enter the value on this worksheet.</td>
<td></td>
</tr>
</tbody>
</table>
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| RoleName | The name of the AS400 (iSeries) Library where the IFSpi interface tables are located. Example: if current IFS library name = IFXC27, new Database name will be IFXC27Dpi. | XXXXXXXDpi Where XXXXXXX = current IFS library |

![Vendor Import Setup Screen](image)

- Click on the “Save” button
- Click on the "Test Connection" button.
  One of the following messages will display:
  "Connection was Successful" If this message displays, you have completed the changes needed on the server
  "Connection Failed" If this message displays, repeat steps a through f. If you still get this message, contact the SSIS Help Line (651-431-4801).

7) Verify the Vendor Interface is working correctly.
   a) In IFSpi, edit a current SSIS vendor. Select a vendor and insert an “X” at the end of the vendor name. This will be changed back in the cleanup process.
   b) Enable and run the Vendor Import:
      i) In SSIS Admin, select Tools / Interface Settings
      ii) Select the "Vendor Import Settings" tab
      iii) Select "Enable Current Interface Job" on the Action Menu.
      iv) Select "Run Current Interface Job" on the Action Menu.
   c) Check the Interface log:
      i) In SSIS Worker, select Searches/Logs / Interface Log
ii) Search the Vendor Interface Log using the following search criteria:
   - Date Range: Today
   - Interface Log Status: Leave blank
   - Interface Log Type: Vendor Import

iii) Verify the interface ran successfully
   d) Use Bus Org Search to verify the vendor was updated in SSIS.

8) Update the Payment Interface Settings in SSIS Admin.
   a) In SSIS Admin, select Tools / Interface Settings
   b) Select the "Payment Request Settings" tab
   i) Update the values for the following "Setting" fields listed below.

<table>
<thead>
<tr>
<th>Setting Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schema</td>
<td>The name of the database where the IFSpi interface tables are located. Example: if current IFS library name = IFXC27, new Database name will be IFXC27Dpi.</td>
</tr>
<tr>
<td></td>
<td>XXXXXXXDpi</td>
</tr>
<tr>
<td></td>
<td>Where XXXXXX = current IFS library</td>
</tr>
<tr>
<td>Server</td>
<td>Name of the AS400 (iSeries) where the IFSpi interface tables are located. Example: BJORN400</td>
</tr>
<tr>
<td>User_name</td>
<td>AS400 (iSeries) system user profile that runs the Vendor Import to SSIS. This user will only have Read/Write access to CPYMTHDR, CPYMTREQ, CPMBATST, CPYMTERR, CPYMTCNF, VNIMPORT and SSISVNDR tables.</td>
</tr>
<tr>
<td></td>
<td>SSISUSER</td>
</tr>
<tr>
<td>User Password</td>
<td>Set up a non-expiring password for the system user created above. For security reasons, do not enter the value on this worksheet.</td>
</tr>
<tr>
<td>Payment Request Validation Routine</td>
<td>This field should now be blank. If not, delete the information in this field.</td>
</tr>
<tr>
<td></td>
<td>Note: This field only displays on the &quot;Payment Request Settings&quot; tab.</td>
</tr>
</tbody>
</table>
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ii) Update the values for the "Payment Batch Status Settings" tab and the "Payment Confirmation Settings" tab. From Payment Batch Status Settings tab, access Action and select 'Copy from Payment Request Settings’, repeat for ‘Payment Confirmation Settings’.

9) Verify the Payment Interfaces are working correctly.

In the steps below, you will use the Payment Batch created in the preparation steps to test the Payment Interfaces.

a) Submit the Payment Batch created in the preparation steps.

b) Enable and run the Payment Request Interface:

i) In SSIS Admin, select Tools / Interface Settings
ii) Select the "Payment Request Settings" tab
iii) Select "Enable Current Interface Job" on the Action Menu.
iv) Select “Run Current Interface Job” on the Action Menu.

c) Check the Interface Log:

i) In SSIS Worker, select Searches/Logs / Interface Log
ii) Search the Payment Interface Log using the following search criteria:

   Date Range:  Today
   Interface Log Status: Leave blank
   Interface Log Type:  All Payment Interfaces

iii) Verify the Payment Interface Request ran successfully. If the log does not display an entry, go back to Step 8 and check your settings. Correct if necessary and repeat Step 9b. If there is still no log entry, contact the SSIS Help Desk.

d) Enable and run the Payment Batch Status Interface:

i) In SSIS Admin, select Tools / Interface Settings
ii) Select the "Payment Batch Status Settings" tab
iii) Select "Enable Current Interface Job" on the Action Menu.
iv) Select “Run Current Interface Job” on the Action Menu.

v) The default scheduler in IFSpi is set to run the validation routine every 15 minutes. You may have to wait for this interface to run.
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e) Check the Interface Log:
   i) In SSIS Worker, select Searches/Logs / Interface Log
   ii) Search the Payment Interface Log using the following search criteria:
       Date Range: Today
       Interface Log Status: Leave blank
       Interface Log Type: All Payment Interfaces
   iii) Verify the Payment Interface Batch Status was successful. If Payment Batch Status Interface
do not display an entry on the log, repeat Step 9d. If still no entry, contact the SSIS Help
Desk.

f) Verify the Payment Batch has the following values:
   Batch Status: Submitted
   Submission Status Successful

g) In IFSpi, process the batch and print the check.

h) Enable and run the Payment Confirmation Interface:
   i) In SSIS Admin, select Tools / Interface Settings
   ii) Select the "Payment Confirmation Settings" tab
   iii) Select “Enable Current Interface Job” on the Action menu.
   iv) Select “Run Current Interface Job” on the Action menu.
   v) The default scheduler in IFSpi is set to run the validation routine every 15 minutes. You
may have to wait for this interface to run.

i) Check the Interface log:
   i) In SSIS Worker, select Searches/Logs / Interface Log
   ii) Search the Payment Interface Log using the following search criteria:
       Date Range: Today
       Interface Log Status: Leave blank
       Interface Log Type: All Payment Interfaces
   iii) Verify the interface ran successfully. If Payment Interface Confirmation does not display with a
status of Successful, repeat Step 9h. If still no entry, contact the SSIS Help Desk.

j) Verify the Payment Batch has the following values:
   Batch Status: Paid

k) Verify the Payment Requests in the batch have been updated with the correct "Warrant/GL Number",
"Warrant/ Eff. Date", and "Warrant/GL Amount".

This completes the update and test steps. You are ready to do the cleanup.
**Cleanup**

Complete steps 10 - 11 after the Update and Test, steps 5 - 9 are complete.
Refer to the Summary Checklist on page 1 for security functions needed to perform these steps.
In the cleanup steps you will cancel the warrant if test Payment Requests were used and notify SSIS that your conversion is complete.

10) Vendor
   a) In IFSpi, remove the “X” that was added to the vendor selected in step 7a). The record will update in SSIS the next time the Vendor Import process runs.

11) Payment Requests
   a) If actual Payment Requests were used to test the Payment Interfaces, no cleanup is required.
   b) If test Payment Requests were used to test the Payment Interfaces, the warrant must be cancelled in both SSIS and IFSpi.
      i) In **SSIS Worker**, cancel the payments by selecting one of the test Payment Requests and select "Create Cancellation".
         1) Include a note in the "Remittance adv. desc. / reason" field indicating these payments were used to test the new interface to IFSpi.
            Both Payments will display on the Cancellation screen and both will be cancelled when you click on the "OK" button.
      ii) In **IFSpi**, cancel the warrant created for the test batch.
      iii) Destroy the warrant.