Issues and Resolutions for Application, Standards Library Version 5.1

The following issues and resolutions have been identified for the Standards Library Version 5.1 release:

ACH

The following issues and resolutions are identified for ACH:

Cannot Use Wildcards in ACH Outbound Envelopes

Issue: When an asterisk (wildcard) is specified for certain fields in an ACH outbound envelope, and you try to envelope data without setting the appropriate correlation, an asterisk character (*) is written to the output file instead of an empty field.

Resolution: Set the correlation for the appropriate field to an empty string to get the proper output.

Failed Business Process Must Be Restarted From the First Step

Issue: When attempting to restart halted envelope and deenvelope business processes for ACH, TRADACOMS, SWIFT, RND, VDA, and the return generation business process for ACH, an error occurs

when the resume option is selected. When this option is selected, the business process resumes at a business process exception service step, and causes another error even if the issue causing the halt was corrected.

Resolution: When restarting these business processes, use the Simple option to restart them from the first step.

Improperly Formatted Transaction Overdue Time

Issue: Transaction Overdue Time in the EDI Correlation Detail pages shows the time in milliseconds instead of a formatted date string.

Resolution: Locate the timestamp when the enveloping process ran and add the configured overdue time to it to obtain the actual Transaction Overdue Time.

AS2 Edition

Unable To Use the Back Button On the Additional HTTP Communication Page When Editing an AS2 Trading Partner

Issue: You create an AS3 trading partner without selecting the **Setup Additional Server Communication** parameter, and then edit the partner profile and select the **Setup Additional Server Communication** parameter on the **Receipt** page and click **Next** to access the **Additional HTTP Communication** page. If you try to use the **Back** functionality (click **Back** to return to the previous page in the trading partner wizard) without entering values for the mandatory parameters on **Additional HTTP Communication** page, you receive an error message.

Resolution: If you are editing a partner configuration and need to move backward in the wizard (and clicking **Back** does not return you to the previous page in the wizard without an error message), select one of the following procedures:

- ◆ Click **Cancel** to terminate the edit. Then, reselect and edit the partner configuration so you can access the appropriate pages in the wizard to modify the values.

- ◆ Enter values for the mandatory parameters on the **Additional HTTP Communication page**, and then click **Back** to return to the preceding page in the wizard.

Import

Import of Resource File Containing Trading Partner Document Envelopes Now Requires Passphrase

Issue: Previous versions of Application did not require a passphrase for envelopes. However, importing an export file of envelopes now always requires a passphrase, even if a passphrase was not required during the export. The new passphrase is now required because of the addition of encrypted passwords that apply to some envelopes.

Resolution: When prompted for a passphrase for envelopes during the import of envelopes (when you did not use a passphrase when the envelopes were exported), you can supply any value for the passphrase.

Map Editor

The following issues and resolutions are identified for Map Editor:

✦ *Duplicate Field Names Given When Creating a Map Using the Standards Database* on page 3

✦ *Erroneous Error Issued by Translator for Mandatory CHOICE Content Particle Containing a Conditional Content Particle* on page 4

✦ *Erroneous Error Issued by Translator for Mandatory CHOICE Content Particle Containing Optional and Mandatory Elements* on page 4

✦ *No Code List Validation Standard Rule Created for Certain ANSI X12 Elements* on page 4

✦ *SWIFT Standards Database Update Requires Re-installation of Map Editor* on page 4

Duplicate Field Names Given When Creating a Map Using the Standards Database

Issue: The Map Editor can create duplicate field names when you create a new map from a standards database. Field names should be unique within each map, but when a map is created from a standards database, the field names may only be unique within a group.

Resolution: If a map contains duplicate field names, the map will still compile and execute. However, you need to ensure fields in extended rules are referenced properly. To properly reference fields in extended rules, duplicate field names should be eliminated by manually renaming those fields, and subsequently fixing the affected field references in the extended rules.

Erroneous Error Issued by Translator for Mandatory CHOICE Content Particle Containing a Conditional Content Particle

Issue: Based on the XML schema specifications, if a mandatory CHOICE content particle contains a conditional particle (of any type—CHOICE, SEQUENCE, or ALL), then a document that does not contain data corresponding to the mandatory CHOICE content particle should still be considered valid (with respect to that content particle). However, in this situation the translator generates a "Mandatory Block Missing" error (code 300).

Resolution: To eliminate these errors, modify the map to make the CHOICE content particle conditional (using the **Content Particle Properties** dialog, Repeating tab).

Erroneous Error Issued by Translator for Mandatory CHOICE Content Particle Containing Optional and Mandatory Elements

Issue: Based on the XML schema specification, if a mandatory CHOICE content particle contains some optional elements and some mandatory elements, then a document that does not contain data corresponding to the mandatory CHOICE content particle should still be considered valid (with respect to that content particle). However, in this situation the translator generates a "Mandatory Block Missing" error (code 300).

Resolution: To eliminate these errors, modify the map to make the CHOICE content particle conditional (using the **Content Particle Properties dialog**, Repeating tab).

No Code List Validation Standard Rule Created for Certain ANSI X12 Elements

Issue: When you create a map using the EDI standards database (with code list validation enabled), there is no code list validation standard rule created for EDI elements that use two-part code lists (only applies to the ANSI X12 0035 and 0103 elements).

Resolution: If you desire code list validation for these elements, you must create the code list and standard rule manually by editing the map after you generate it from the database.

SWIFT Standards Database Update Requires Re-installation of Map Editor

Issue: When you install updates to the SWIFT standards database, the SWIFT extended rule library version may not match the new standards because the newest version of the SWIFT extended rule library is downloaded when you install the Map Editor.

Resolution: Any time you upgrade your SWIFT standards database (for example, from a patch), you must uninstall and re-install Map Editor.

PIDX

Viewing Incoming PIDX message With Multiple Attachments Takes Longer to Display

Issue: When you attempt to view an inbound signed and encrypted PIDX message that contains multiple attachments (using **Business Processes > Monitor > Advanced Search > Business Processes**), the user interface hangs for a few minutes prior to displaying the message.

Resolution: If your machine hangs while displaying a PIDX message with multiple attachments, close all applications except Internet Explorer to improve the display time.

Services and Adapters

The following issues and resolutions are identified for services and adapters:

✦ *Adapter and Service Configurations Display Incorrect Message If Numeric Parameters Are Left Blank* on page 5

✦ *CHIPS Adapter Configuration User Interface Allows Invalid Input for a Parameter* on page 5

✦ *Document Extraction With Multiple Maps Will Not Work if the Maps Use Different Delimiters* on page 6

✦ *Standards Translation Service Generates Null Pointer Exception* on page 6

Adapter and Service Configurations Display Incorrect Message If Numeric Parameters Are Left Blank

Issue: If you create an instance of an adapter or service and leave blank any parameter that requires a numeric value, the following message is displayed: "<Label Name> is invalid. Please enter a numeric value."

Resolution: The displayed message should instead indicate that the specified parameter is mandatory. Type a numeric value for the specified parameter.

CHIPS Adapter Configuration User Interface Allows Invalid Input for a Parameter

Issue: If you configure the CHIPS adapter using the user interface, the **Number of msgs in a batch** parameter will allow you to type a numeric value greater than 40.

Resolution: If you type a value more than 40 for the **Number of msgs in a batch** parameter, the value is programmatically defaulted to 40 when you save the adapter configuration.

Document Extraction With Multiple Maps Will Not Work if the Maps Use Different Delimiters

Issue: When using the Document Extraction service to split documents in a delimited EDI file, only one set of delimiters is supported. The input file cannot contain multiple documents that each use a different set of delimiters.

Resolution: You must send data through the EDI Deenveloping service (in Document mode) to split out individual documents that use differing delimiters. When you invoke the EDI Deenveloping service, the **Mode** service parameter must be set to **Document**. This instructs the EDI Deenveloping service not to invoke a business process after it finishes splitting the input file. You must also update the **customer_overrides.properties** file to include the START and END tag of the documents to be extracted, as well as the delimiters (or the location of delimiters) to use.

Standards Translation Service Generates Null Pointer Exception

Issue: The Standards Translation service generates a null pointer exception when a specified map does not exist (or is not checked in to Application). The problem occurs in the final statement when a translation report was expected from the translation, but the translation never occurred because the map was not found.

Resolution: If you receive this null pointer exception, perform at least one of the following:

✦ In the Standards Translation service configuration, specify an existing map that is already checked in to Application.

✦ Change your business process to specify the correct map, or check the missing map in and then restart or resume the business process.

✦ Correct the map name in the business process and perform an advanced restart of the business process.

SWIFT

The following issues and resolutions are identified for SWIFT:

◆ *No Translator Report Codes Corresponding To the SWIFTNet MUG-textval Rules G18 Through G24 for SWIFT MT Translation* on page 9

◆ *Some SWIFT Messages Are Not Displayed Using Advanced Search Options* on page 9

◆ *Spurious Output Errors May Be Generated During SWIFT Translation When Invalid Data Is Mapped To a Field* on page 10

◆ *SWIFT Editor Displays Some Optional Elements In MT Messages As Mandatory* on page 10

◆ *SWIFT Editor Displays Some Mandatory Elements In MX Messages As Optional* on page 10

◆ *SWIFT Envelopes Do Not Contain a Parameter Allowing You To Indicate Standard Version/Year* on page 10

◆ *SWIFT Standards Database Update Requires Re-installation of Map Editor* on page 11

◆ *When a SWIFT Error Occurs In a Repeating Choice, the Field Reported Is Always the First Member of the Choice* on page 11

Change Report Icons are Not Displayed After Validation Occurs

Issue: When you use the SWIFT Editor or SWIFT Message Entry Workstation Validate function, any change (error) icons that were previously displayed will no longer be displayed if the errors were fixed. After validation, only fields that still contain errors will be marked with change (error) icons.

Resolution: If you want to see the original change (error) icons, you need to save the message and re-open it.

Clicking On a Link for the Removed Choice Option Group Causes a Java Script Error

Issue: You remove a choice option group from a SWIFT message, save it as "Ready to send," open the message to send it, and the Change Report contains a link for the removed choice option group. If you click this link, it displays a Java Script error.

Resolution: Ignore the error, since the item referenced by the link was already removed from the message.

Editing a SWIFT Message That is Currently in Use Causes an Error

Issue: If you search for a message in Message Entry Workstation, and then after your search another user edits the same message and saves it, when you (the first user) edits the message, you are editing the version of the document prior to the message having been saved by the second user. And then when you (the first user) saves the message, you receive an error message stating that "the operation could not be performed," and the save fails.

Resolution: If you receive this error message, search for the message again and re-edit it to ensure that you are modifying the most recent version of the message. If you try to edit a message and are unable to do so because another user has it locked (is currently editing it), cancel your edit and then search for the same message again (when you again try to edit the message) to ensure you are editing the correct version the first time.

Entering Invalid Data Causes Data to Be Replicated in a Subsequent Field

Issue: When you type data for a SWIFT MT field in the SWIFT Message Entry Workstation or the SWIFT Editor, and the data is invalid for that field but matches the next field in the message, using the Validate function may cause the data to be replicated in both fields. For example, if you edit the field DC followed by Identifier (['/'<DC>]['/'34x]), and you type **x** in the DC field (leaving the Identifier blank) and click **Validate**, the resulting page displays **x** in both the DC and the Identifier fields.

Resolution: This issue does not occur if you enter valid data for SWIFT MT fields. To fix this issue, correct any invalid data.

Error Code D00007 May Be Reported Erroneously

Issue: For SWIFT Funds 4.0 messages, the error code D00007 may be reported instead of error code D00005 or D00006 when the validation rule defined for the XML tag or attribute has been set to CUR instead of CURACTIVE or CURACTHIST. Currency validation rules for XML tags and attributes are defined in the **translator_swift_mx.properties** file. In this situation, the currency is correctly reported as invalid, even though the displayed error code may not be correct.

Resolution: If you want to obtain the correct error code in this situation, locate the appropriate entry in the **translator_swift_mx.properties** file based on the message type, XML tag, and/or attribute. Copy the entry and paste it into the **customer_overrides.properties** file, and change the rule from CUR to the correct validation rule. After you change the rule and save the **customer_overrides.properties** file, you must restart Application for the changes to take effect.

Errors May Occur When Two Users That Are Using the Same User Account Take Action on a Message At the Same Time

Issue: In the Message Entry Workstation, two users can take action on the same messages if both users are logged in using the same user account. Therefore, taking action on a message only locks out other user accounts from taking action on that same message, but it does not lock out any other user logged in with the same account. If you have more than one user logged in with the same user account, this may lead to unexpected errors when you saving a message that is being edited and saved by another user at the same time you are accessing and attempting to modify the message.

Resolution: Users should not share user accounts if it is possible that you will be modifying the same messages in Message Entry Workstation. If you receive an error because you take action on a message that is in use by another user using the same account, you should cancel out of your editing and retry your action once the other user has saved the message.

Fields In the Error Report and Fields In the Message Structure are Not Correctly Linked In the SWIFT Message Editor

Issue: Broken field error links and missing error icons may result when editing some SWIFT messages using the SWIFT Message Editor.

Resolution: If a field error link in the SWIFT Message Editor does not navigate you to the correct location in the SWIFT message, then you should locate the field manually based on the sequence, record, and field listed in the translation report.

Initial Error Report Still Displayed Even After Validation Is Successful

Issue: When you open a message with the status **Ready for Edit** after fixing any errors and using the Validate function, the original error report is still displayed (even though the validation report indicates that the validation is successful) and the links in the error report do not function.

Resolution: If you use the Validate function and receive a validation report indicating that validation was successful, ignore the error report that continues to be displayed.

Map Editor Does Not Display Correct Maximum Usage for Fields in a Repeating Choice

Issue: SWIFT 2007 introduces the concept of a repeating choice where individual members of the choice can have different repeat counts (for example, MT540, Sequence F, field 95a). Currently, the Map Editor does not support different repeat counts (that is, maximum usage) for individual members of a choice. Therefore, the maximum usage is set to the maximum repeat count of all members of the choice. The individual repeat counts are enforced through extended rules. Although the repeat counts are properly enforced, the maximum usage counts displayed in the Map Editor for the affected fields do not correspond to the repeat counts described in the SWIFT documentation.

Resolution: Repeat counts are correctly enforced through extended rules. Please refer to the SWIFT documentation to obtain the repeat counts for individual members of a repeating choice.

No Translator Report Codes Corresponding To the SWIFTNet MUG-textval Rules G18 Through G24 for SWIFT MT Translation

Issue: For SWIFT MT translation, there are no translator report codes corresponding to the SWIFTNet MUG-textval rules G18 through G24. The Application translator report codes are used to generate errors from within extended rules using the cerror () function.

Resolution: If you want to validate the conditions corresponding to SWIFTNet MUG-textval rules G18 through G24 in an extended rule, we recommend that you use the translator report code for a similar error (G01 (1003) through G17 (1019)). See *Specific Error Codes for MUG-textval Rules* in the *Using SWIFTNet* documentation for more information on the translator error codes that correspond to G01 through G17.

Some SWIFT Messages Are Not Displayed Using Advanced Search Options

Issue: If a SWIFT message is created with the SWIFT Message Entry Workstation and currently is in status Draft, Ready to Send, or Rejected, it will not be returned with document history results when you perform an Advanced Search in Application. For example, if you perform an EDI Correlation search for a message

with those characteristics, the document history results are not returned. Document history results are only returned for messages created with the SWIFT Message Entry Workstation that are in Sent status.

Resolution: Perform a search in the SWIFT Message Entry Workstation for the message and use the track option to view its document history.

Spurious Output Errors May Be Generated During SWIFT Translation When Invalid Data Is Mapped To a Field

Issue: For maps that use a SWIFT MT message on the output side, if invalid data is mapped to an optional field, the translation may generate spurious errors for fields that follow a field containing invalid data (in addition to the error generated for the field that contains invalid data).

Resolution: The error generated for the field containing invalid data is correct but you should ignore any spurious errors that are generated for fields following the invalid field.

SWIFT Editor Displays Some Optional Elements In MT Messages As Mandatory

Issue: In the SWIFT Editor, mandatory fields for MT messages should be displayed with a blue label and optional fields displayed using a gray label. However, in this release the SWIFT Editor may not use the correct color to indicate mandatory and optional fields.

Resolution: If you are unsure whether a field in an MT message is mandatory or optional, query your documentation from SWIFT or use the Validate function to ascertain whether a change you made while creating or editing a SWIFT message is valid.

SWIFT Editor Displays Some Mandatory Elements In MX Messages As Optional

Issue: In the SWIFT Editor, mandatory fields for MX messages should be displayed with a blue label and optional fields displayed using a gray label. However, in this release the SWIFT Editor may not use the correct color to indicate mandatory and optional fields.

Resolution: If you are unsure whether a field in an MX message is mandatory or optional, query your documentation from SWIFT or use the Validate function to ascertain whether a change you made while creating or editing a SWIFT message is valid.

SWIFT Envelopes Do Not Contain a Parameter Allowing You To Indicate Standard Version/Year

Issue: To maintain compatibility with previous releases of the SWIFT standard, SWIFT envelopes allow you to choose either "SECL" or "SLOA" for the validation flag (Field 119 in the header), even if your selection is not valid for the SWIFT release you are using. For example, "SECL" is not valid for SWIFT 2007.

Resolution: You must configure the SWIFT envelopes appropriately for the version of SWIFT that you are using.

SWIFT Standards Database Update Requires Re-installation of Map Editor

Issue: When you install updates to the SWIFT standards database, the SWIFT extended rule library version may not match the new standards because the newest version of the SWIFT extended rule library is downloaded when you install the Map Editor.

Resolution: Any time you upgrade your SWIFT standards database (for example, from a patch), you must uninstall and re-install Map Editor.

When a SWIFT Error Occurs In a Repeating Choice, the Field Reported Is Always the First Member of the Choice

Issue: SWIFT MT messages 540, 542, 544, and 546 have choices where individual members of those choices have different repeat counts (for example, MT540, Sequence F, field 95a). Since the Map Editor currently requires members of a choice have the same maxUsage (maximum usage or repeat count), extended rules are used to enforce the different repeat counts. However, when an error occurs, the error field reported by the translator is always the first field in the choice (which may or may not be the field in error). For example, in MT540 Sequence F, field 95C_INVE will always be reported as the error field for that choice.

Resolution: If you receive an error referencing a field in a repeating choice, and that field does not appear to be the source of the error, check the data for invalid field tags that violate the repeat count constraints of other members of the choice as described in the SWIFT documentation.