

# webMethods SWIFT Module 7.1 SP2 Readme

**June 2012**

This file contains important information you must read before using webMethods SWIFT Module 7.1 SP2. You can find additional information about SWIFT Module 7.1 SP2 on the [Software AG Documentation Web site](#). In addition, the following suite-related information is also available at that location:

Product Documentation (includes installation and upgrade information)  
System Requirements Documentation

You can find the following information in the Products section of the [Empower Web site](#):

Security Information  
Globalization Information

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## 1.0 Critical Information

This section lists the critical issues that were known when this readme was published. For critical information

found later, go to the Knowledge Center portion of the [Empower Product Support Web site](#).

None.

## 2.0 Known Issues

This section lists issues that were known when this readme was published. For known issues found later, go to the Knowledge Center portion of the [Empower Product Support Web site](#).

- EFM-403  
When performing network validation on MT380 messages, SWIFT Module does not return a D13 error when sequence C contains nothing between fields 16R and 16S.  
There is currently no workaround for this issue.

## 3.0 Usage Notes

This section highlights product limitations and changes to product behavior introduced in this release.

- For webMethods SWIFT Module 7.1 SP2 to operate fully, you must install certain versions of accompanying webMethods products and required fixes for those products. For details, see the *eStandards Modules System Requirements* document on the [Software AG Documentation web site](#).
- To use the SWIFT 2012 messages, use the nov12 version of the message types.

## 4.0 Fixes and Enhancements

This section describes the fixes and enhancements included in webMethods SWIFT Module 7.1 SP2.

### ***4.1 Fixes and Service Packs Included in This Release***

This section lists the fixes and service packs for previous releases that have been included into the current release. If only some issues in a fix or service pack have been included, that partially included fix or service pack is not listed here, and those issues are listed separately in [Section 4.2 Resolved Issues](#). See the Knowledge Center section of the [Empower Product Support Web site](#) for more information about fixes and service packs.

- SWIFTFIN\_6.1\_SP2\_Fix20
- SWIFTFIN\_6-1\_SP4\_Fix5
- EFM\_7.1\_SP1\_Fix9

### ***4.2 Resolved Issues***

This section lists issues that were resolved in this release and that are not included in the fixes and service packs

listed in [Section 4.1 Fixes and Service Packs Included in This Release](#). These issues might have been resolved in a fix or service pack that was not included in its entirety into this release, or they might have been resolved since the last fix or service pack was released.

- EFN-44  
In SWIFT Module, the server\_pki\_password and the client\_pki\_password are in clear text in their respective snl.cnf files.  
In SWIFT Module, the server\_pki\_password in the server snl.cnf file and the client\_pki\_password in the client snl.cnf file are in clear text. This occurs because SWIFT Module does not encrypt the server\_pki\_password and the client\_pki\_password before writing them into the snl.cnf file.  
This issue is resolved. The server\_pki\_password and the client\_pki\_password are now encrypted before they are written into the snl.cnf file.
- EFM-160  
On an OS platform that does not support RAHA, SWIFT Module returns an error when saving the SwiftNet Server environment information.  
On an OS platform that does not support RAHA, such as HP-UX or RHEL, when saving the SwiftNet Server environment information using MQHA transport, SWIFT Module returns the following error: "The value for SWNET\_CFG\_PATH is not correct. Provide a valid value." In addition, the values are not saved. This occurs because SWIFT Module tries to validate the RAHA installation path, even though it is not using RAHA transport.  
This issue is resolved. Now, when saving the SwiftNet Server environment information using MQHA transport, SWIFT Module does not try to validate the RAHA installation path.
- EFM-362  
SWIFT Module receive services, such as wm.fin.sample.MT103.receive and wm.xmlv2.MT.receive, are misspelled as "recieve."  
This issue is resolved. SWIFT Module receive service names are now spelled correctly.
- EFM-373  
When validating MT 564 version nov11 messages, SWIFT Module does not return a K98 error as expected.  
When validating MT 564 version nov11 messages, if the field 98B::VALU of sequence E2 contains code OPEN, SWIFT Module does not return a K98 error. This error occurs because SWIFT Module does not recognize that code OPEN is not part of the SWIFT specification for field 98B::VALU.  
This issue is resolved. When field 98B::VALU contains code OPEN, SWIFT Module returns a K98 error.
- EFM-374  
When validating MT 380 and MT 381 messages with a missing block end tag, SWIFT Module returns a nondescript error.  
When validating MT 380 and MT 381 messages and a block end tag is missing, SWIFT Module returns the following error: "DataExtractionException:DataExtractionException:Closing Brace Not Found" instead of returning a T92 error, which indicates the nature of the error and in which field the error takes place.  
This issue is resolved. The appropriate error and relevant message are returned when the block end tag is missing.
- EFM-375  
When validating MT 508 messages, SWIFT Module does not return a T26 validation error when field 13B contains "//".  
This issue is resolved. When validating an MT 508 message, SWIFT Module now returns a T26 validation error when field 13B contains "//".

- EFM-376

When performing network validation on MT 566 messages, SWIFT Module does not return an E77 validation error.

When performing network validation on MT 566 messages, SWIFT Module does not return an E77 validation error if field 92F::GRSS appears twice in sequence D2. This error occurs because the wm.fin.doc.nov11.cat5:MT566NetworkValidationRules network validation service incorrectly applies a C3 rule.

This issue is resolved. The wm.fin.doc.nov11.cat5:MT566NetworkValidationRules validation service now correctly applies a C3 rule and SWIFT Module returns an E77 error.
- EFM-377

When performing network validation on MT 586 messages, SWIFT Module does not return a C28 validation error. This error occurs because the C10 network validation rule is implemented incorrectly in the wm.fin.doc.nov11.cat5:MT586NetworkValidationRules network validation service.

This issue is resolved. The wm.fin.doc.nov11.cat5:MT586NetworkValidationRules validation service now correctly applies a C10 rule and SWIFT Module returns a C28 error.
- EFM-379

On the SWIFT Module home page, the title of the ImportBICPlusIBAN list is incorrect.

On the SWIFT Module home page in Integration Server Administrator, the title of the ImportBICPlus IBAN List incorrectly displays as "Import BIC List." This error occurs because the page title is incorrect in the html file.

This issue is resolved. Now the correct page title, "Import BICPlusIBAN List," is displayed on the SWIFT Module home page.
- EFM-380

When importing a valid BIC, IS, or SR list from the SWIFT Module home page without first creating the database tables to store the data, SWIFT Module returns a nondescript error.

When importing a valid BIC, IS, or SR list from the SWIFT Module home page in Integration Server Administrator without first creating the database tables to store the data, SWIFT Module returns the following error: "Error during import. Specify valid import file. Error: Please check if BIC tables are created as stated by the documentation." This error message displays because an error message that more accurately reflects the error is missing.

This issue is resolved. The bic.java service now returns the following error message: "Error: Please check if BIC tables are created as stated by the documentation."
- EFM-390

In SWIFT Module 7.1 SP1, the root element "ErrorReport" is missing from the structure of the wm.sdk.rec.mtxsd:ErrorReport IS document.

This issue is resolved. The wm.sdk.rec.mtxsd:ErrorReport IS document now contains the root element "ErrorReport."
- EFM-413

When validating MT 321 messages, the SWIFT Module wm.fin.validation:validateIData service returns a validation error.

When validating MT 321 messages, the SWIFT Module wm.fin.validation:validateIData service returns the following validation error: "errorCode : ERR Message : Validation entry not specified." This error occurs because the SWIFT MT definition file, dfdmt000.xml, does not define field 19A::NINT.

This issue is resolved. The SWIFT MT definition file, dfdmt000.xml, now contains the definition for field 19A::NINT in accordance with the SWIFT specification.

- EFM-491

When importing a valid BIC, IS, SR, or BICPlusIBAN list from the SWIFT Module home page, SWIFT Module returns an error.

When importing a valid BIC, IS, SR, or BICPlusIBAN list from the SWIFT Module home page in Integration Server Administrator, the SWIFT Module bic.java service returns the following error: "Error during import. Specify valid import file.Error: <filename> (The system cannot find the file specified)." This error occurs because modern web browsers, such as Mozilla Firefox and Google Chrome, implement security features that prevent passing the full path of the file to the backend service.

This issue is resolved. The SWIFT Module bic.java service now imports the lists as expected.
- EFM-493

In webMethods SWIFT Module 7.1 SP1, the wm.sdk.fin.validator:validateMTXML service returns the error: "cvc-elt.1: Cannot find the declaration of element 'Document'."

In SWIFT Module, when running the wm.sdk.fin.validator:validateMTXML service in a multi-threading environment, the service returns the error: "cvc-elt.1: Cannot find the declaration of element 'Document'". The issue occurs because the XMLSchemaLoader API is not thread safe.

This issue is resolved. The wm.sdk.fin.validator:validateMTXML service now runs successfully in a multi-threading environment.
- EFM-502

When parsing MT 499 messages, the SWIFT Module wm.fin.format:convertFINToIData service returns the error: "com.wm.app.b2b.server.ServiceException: Error in parsing the object."

When parsing MT 499 messages, the SWIFT Module wm.fin.format:convertFINToIData service returns the error: "com.wm.app.b2b.server.ServiceException: Error in parsing the object. Data remains unprocessed after parsing - remaining data is : BY A COLON VALID LINE OF DATA". This error occurs because the swiftmt499.xml file does not conform to the Swift specification.

This issue is resolved. The swiftmt499.xml file now conforms to the Swift specification.
- EFM-505

In webMethods SWIFT Module, the wm.fin.utils:getFINMessageAndIDs service fails to return a sender/receiver Address for ACK/NACK messages.

When running the m.fin.utils:getFINMessageAndIDs service for ACK/NCAK messages, SWIFT Module fails to return either a sender/receiver Address or an error message. The issue occurs because the utils.java class does not retrieve the sender/receiver Address.

This issue is resolved. The utils.java file has been modified to retrieve and return the sender/receiver Address for ACK/NACK messages.

### **4.3 Enhancements**

This section lists the enhancements introduced in this release.

- Support for SWIFT 2012 messages:

SWIFT Module now supports SWIFT 2012 messages. To use the SWIFT 2012 messages, use the nov12 version of the message types.
- A new properties file, *rmiconfig.properties*, has been added for both SWIFTNet Server and SWIFTNet Client at the location *WmSWIFTNetServer\config* and *WmSWIFTNetClient\config*, respectively. For more information about this property file, see *webMethods SWIFT Module Installation and User's Guide*.

- SWIFTNetClient and SWIFTNetServer components have been upgraded to store the SWIFTNet user password in encrypted format in the snl.prop file. The password is stored as the password handle in the property file, and the actual password is stored in Integration Server using Passman.

## **4.4 Documentation Changes**

This section describes significant changes to the documentation, such as the addition, relocation, or removal of product guides, online help, chapters, or other major content.

- In *webMethods SWIFT Module Installation and User's Guide*, "Appendix A: Services" has been separated into individual appendices, one for each package of services. as follows:
  - "Appendix A: WmFIN Package Services"
  - "Appendix B: WmSWIFTCommon Packages Services"
  - "Appendix C: WmEstdCommon Lib Package Services"
  - "Appendix D: WmSWIFTNetClient Package Services"
  - "Appendix E: WmSWIFTNetServer Package Services"
- In *webMethods SWIFT Module Installation and User's Guide*, a new appendix, "Appendix F: SWIFTNet Client and Server Considerations," has been added. It contains a list of SWIFTNet Server and Client errors, as well as a list of the SNL request and response primitives to which SWIFT Module services make calls.

## **4.5 Terminology Changes**

This section lists terminology that has changed since the last full release of the product.

None.

## **4.6 Deprecated Items**

This section lists product functionality that has been deprecated since the last full release of the product. Deprecated Built-In services and APIs are listed in the relevant sections that follow this one.

None.

## **4.7 Added, Removed, Deprecated, or Changed Built-In Services**

This section lists Built-In services that have been added, removed, deprecated, or changed since the last full release of the product.

### Added Service

None.

### Removed Service

None.

### Deprecated Service

None.

### Changed Service

wm.xmlv2.transport:submitDataPDU

### Description

A new optional input parameter *signature* is added to this service.

wm.xmlv2.transport:submitDataPDU

A new optional input parameter *signature* is added to this service.

wm.fin.utils:getFINMessageAndIDs

Two new output parameters, *internalSenderID* and *internalReceiverID*, are added to this service.

## 5.0 Copyright Information

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## 6.0 Support

To obtain support for webMethods Product Suite components, refer to the following resources:

[Empower Product Support Web site](#)

Visit the Empower Web site to learn about support policies and critical alerts, read technical articles and papers, download products, fixes, and service packs, submit feature/enhancement requests, and more.

[Software AG Developer Community for webMethods](#)

Visit the Software AG Developer Community to access additional articles, demos, and tutorials, technical information, samples, useful resources, online discussion forums, and more.

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