

webMethods Module for AS4

Release Notes

webMethods Module 10.1 for AS4

Software AG is pleased to announce the release of webMethods Module 10.1 for AS4. Built on top of the webMethods product suite, the webMethods Module for AS4 extends webMethods capabilities to provide an implementation of the AS4 ebHandler conformance profile and the new ENTSOG (The European Network of Transmission System Operators for Gas) AS4 profile. The module facilitates the secure exchange of messages, independent of payload type, across your trading network.

The webMethods Module 10.1 for AS4 provides the following new features:

Support for Two-Way/ Push-Push MEP

Enables sending and receiving user messages with trading partners asynchronously using the Two-Way/Push-Push Message Exchange Pattern (MEP).

AS4 ENTSOG Agreements and Agreements Update

Supports the AS4 ENTSOG Agreements and Agreements Update specifications for exchange of certificates with ENTOSG AS4 messages flexibly.

Support for Encryption and Decryption Algorithms

Provides support for AES 128-GCM and AES 256-GCM encryption and decryption algorithms.

Partner Certificates Configuration at TPA Level

Provides the ability to configure partner certificates to sign, verify, encrypt, and decrypt user messages at the Trading Partner Agreement (TPA) level.

Extract Attachments from ebMS 3.0 User Messages

Supports the extraction of attachments from ebMS 3.0 user messages as a separate transaction.

Enhanced ebMs 3.0 Error Message Handling

Enables processing of multiple error messages in ebMS 3.0 error signal.

Support for Missing Receipt Notify Producer

Provides the ability to generate and send an error signal notification from the partner that receives the message to the producer or partner that sends the message in case of a missing receipt.

Support for Custom MIME types

Provides support for custom MIME types with AS4 user messages.

webMethods Module 9.5 for AS4

Software AG is pleased to announce the release of webMethods Module 9.5 for AS4. Built on top of the webMethods product suite, the webMethods Module for AS4 extends webMethods capabilities to provide an implementation of the AS4 ebHandler conformance profile specified in the AS4 Profile. The module facilitates the secure exchange of messages, independent of payload type, across your trading network. The module participated in the AS4 3Q14 Interoperability Test Round performed by Drummond Group and earned the distinction of Drummond Certified™ by successfully completing and passing all required test cases demonstrating interoperability and conformance.

The webMethods Module 9.5 for AS4 includes the following enhancements:

Support for Two-way/Sync and Two-way/Push and Pull Messages

webMethods Module 9.5 for AS4 supports Two-way/Sync and Two-way/Push and Pull message exchange patterns (MEP) enabling support for more complex message exchange patterns between partners.

Selective pull

webMethods Module 9.5 for AS4 supports selective pulling of a sub-set of messages posted on a MPC based on simple or complex selection criteria.

Leverage certificates set up in webMethods Trading Networks

webMethods Module 9.5 for AS4 now leverages the partner certificates set up in Trading Networks to sign, verify, encrypt and decrypt AS4 messages exchanged between partners. Integration Server keystore will continue to be used as a repository for all certificates related to the enterprise.

webMethods Module 9.0 for AS4

Software AG is pleased to introduce the webMethods Module 9.0 for AS4. Built on top of the webMethods product suite, the webMethods Module for AS4 extends webMethods capabilities to provide an implementation of the AS4 ebHandler conformance profile specified in the AS4 Profile. The module facilitates the secure exchange of messages, independent of payload type, across your trading network.

The webMethods Module for AS4 provides the following new features:

Support for Push and Pull Messages

webMethods Module for AS4 supports both message pushing and message pulling using the One-Way/Push message exchange pattern (MEP) and the One-Way/Pull MEP templates respectively.

Security

webMethods Module for AS4 supports all security attributes including support for SSL/TLS, username/password tokens, digital signatures and encryption of SOAP message headers and message bodies, and authorization of the Pull signal for a particular message partition channel.

Reception Awareness

webMethods Module for AS4 supports non-repudiation of receipts and reception awareness by correlating inbound and outbound messages with receipt messages. The module also supports retry of an outbound message if a receipt is not received within a given time period.

Duplicate Detection

webMethods Module for AS4 supports detection of duplicate messages at the receiver side.

Compression

webMethods Module for AS4 supports the ability to compress and decompress message payloads and secure compressed message payloads.

Error Handling

webMethods module for AS4 uses the webMethods Integration Server logging mechanism to log messages for a variety of error scenarios. It can report general configuration errors as well as ones related to sending and receipt of messages. The module supports the generation and reporting of the reportable errors specified in the ebMS 3.0 specifications.

Message Splitting and Joining

webMethods Module for AS4 supports the transmission of a large message as a set of separate fragments. For each fragment the module receives, the module can reassemble the fragments into a single message.

Large Message Handling

webMethods Module for AS4 provides the ability to handle large messages so that the entire message is not loaded in memory, resulting in a more efficient process of messages.

Platform Support

For the most up to date information about the software and operating systems that the module supports, see the *webMethods eStandards Modules System Requirements* document, available from the webMethods area of the Software AG Documentation website (<http://documentation.softwareag.com/>).

This document applies to webMethods Module 10.1 for AS4 and to all subsequent releases.

Specifications contained herein are subject to change and these changes will be reported in subsequent release notes or new editions.

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