

webMethods EDI Module 8.0 SP1 Readme

December 2009

This file contains important information you must read before using EDI Module 8.0 SP1. You can find additional information about EDI Module 8.0 SP1 on the [Software AG Documentation Web site](#). In addition, the following suite-related information is also available at that location:

Product Documentation (includes system requirements, installation, and upgrade information)

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

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1.0 Critical Information

There were no critical issues when this readme was published. For critical information found later, go to the Knowledge Center portion of the [Empower Product Support Web site](#).

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 section of the [Empower Product Support Web site](#).

- EEO-631 (was 1-157M0K)
webMethods EDI Module 8.0 does not comply with certain core security requirements. Areas of non-compliance include the following:
 - Encrypt Network Traffic: The EDI Module encrypts the traffic it sends to the VAN only if the VAN supports PGP or FTP/S. If the VAN does not support PGP or FTP/S, the EDI Module sends traffic unencrypted. This issue cannot be fixed because the ability to encrypt data depends on the protocol that the VAN supports.
 - Encrypt Private Keys: The EDI Module stores the unprotected PGP key (if selected) used for encrypting VAN traffic in the database. This will be addressed in a future release.
- EEO-1024 (was 1-1YFKB5)
EDI Module cannot determine transaction types among VDA versions.
Presently, EDI Module cannot determine the transaction type of VDA inbound documents across VDA versions. EDI Module recognizes the inbound VDA message of any version as that of the first transaction type under that version.
There is currently no workaround as there is no way of determining the transaction type from the content of the VDA message.
- EEO-863 (was 1-1U0HEJ)
Cannot specify the section of a TRADACOMS document to extract attributes.
During EDI document type creation, there is no way to extract attributes for TRADACOMS headers, messages, and trailers separately. Trading Networks does not reflect these sections separately in the attribute extraction screen on the Trading Networks Console.
Presently, attributes can be extracted only from the Message section of a TRADACOMS document.

3.0 Usage Notes

None.

4.0 Enhancements and Fixes

This section describes the enhancements and fixes included in EDI Module 8.0 SP1.

4.1 Fixes and Service Packs Included in This Release

EDI Module 8.0 SP1 includes the following fixes and service packs made available since the last release. See the Knowledge Center section of the [Empower Product Support Web site](#) for more information about service packs and fixes.

- WmEDI_6-0-1_Fix22

- WmEDI_6-0-1_Fix28
- WmEDI_6-1_SP1_Fix1
- WmEDI_6-1_SP1_Fix3
- WmEDI_6-1_SP1_Fix8
- WmEDI_6-1_SP1_Fix13
- WmEDI_6-1_SP1_Fix15
- WmEDI_6-5_SP1_Fix3
- WmEDI_6-5_SP1_Fix4
- WmEDI_6-5_SP1_Fix5
- WmEDI_6-5_SP1_Fix6
- WmEDI_6-5_SP1_Fix9
- WmEDI_6-5-2_Fix1
- WmEDI_6-5-2_Fix2
- WmEDI_6-5-2_Fix3
- WmEDI_6-5-2_Fix4
- WmEDI_6-5-2_Fix5
- WmEDI_6-5-2_Fix6
- WmEDI_6-5-2_Fix7
- WmEDI_6-5-2_Fix8
- WmEDI_6-5-2_Fix9
- WmEDI_6-5-2_Fix10
- WmEDI_6-5-2_Fix11

- WmEDI_6-5-2_Fix12
- WmEDI_6-5-2_Fix13
- WmEDI_6-5-2_Fix14
- WmEDI_6-5-2_Fix15
- WmEDI_6-5-2_Fix18
- WmEDI_6-5-2_Fix17
- WmEDI_6-5-2_Fix19
- WmEDI_6-5-2_Fix20
- WmEDIforTN_6-1_SP1_Fix1
- WmEDIforTN_6-1_SP1_Fix2
- WmEDIforTN_6-1_SP1_Fix3
- WmEDIforTN_6-1_SP1_Fix5
- WmEDIforTN_6-1_SP1_Fix6
- WmEDIforTN_6-1_SP1_Fix9
- WmEDIforTN_6-1_SP1_Fix10
- WmEDIforTN_6-1_SP1_Fix11
- WmEDIforTN_6-1_SP1_Fix12
- WmEDIforTN_6-1_SP1_Fix13
- WmEDIforTN_6-1_SP1_Fix14
- WmEDIforTN_6-1_SP1_Fix15
- WmEDIforTN_6-1_SP1_Fix16
- WmEDIforTN_6-5_SP1_Fix1

- WmEDIforTN_6-5_SP1_Fix3
- WmEDIforTN_6-5-2_Fix1
- WmEDIforTN_6-5-2_Fix2
- WmEDIforTN_6-5-2_Fix3
- WmEDIforTN_6-5-2_Fix4
- WmEDIforTN_6-5-2_Fix5
- WmEDIforTN_6-5-2_Fix6
- WmEDIforTN_6-5-2_Fix7
- WmEDIforTN_6-5-2_Fix8
- WmEDIforTN_6-5-2_Fix9
- WmEDIforTN_6-5-2_Fix10
- WmEDIforTN_6-5-2_Fix11
- WmEDIforTN_6-5-2_Fix12
- WmEDIforTN_6-5-2_Fix13
- WmEDIforTN_6-5-2_Fix14
- WmEDIforTN_6-5-2_Fix15
- WmEDIforTN_6-5-2_Fix16
- WmEDIforTN_6-5-2_Fix17

4.2 Resolved Issues

This section lists other issues that were resolved in this release.

- 1-QSGK1 (WmEDI_6-0-1_Fix28, WmEDI_6-0-1_Fix22)
The wm.b2b.edi:convertToString service incorrectly populates segments.
Certain EDI transactions may contain multiple segments with the same name, at the same level, but with distinctly different structures. For example, an ffSchema may contain two segments called TAX, one in the

header and one in the detail portion. In certain instances, the `wm.b2b.edi:convertToString` incorrectly populated the header segment rather than the detail segment.

This issue is resolved. A new input parameter, "sortInput", was added to the `wm.b2b.edi:convertToString` service. This variable is used as a flag and behaves in the same manner as the "sortInput" flag on the `pub.flatFile:convertToValues` service in webMethods Flat File Adapter 6.1. The sortInput flag determines if you want the `wm.b2b.edi:convertToString` service to sort the input records to match the flat file schema specified in `ffSchema`. Specify 'true' if the data in `ffValues` is not in the same order as defined by `ffSchema`, and you want the `convertToString` service to sort the input records to match the flat file schema. Specify 'false' (the default) if you do not want the service to sort the input records to match the flat file schema because they already match the order of the flat file schema.

- EEO-2070 (was 1-YYNNP) (WmEDI_6-1_SP1_Fix1)
WmEDI_6-1_Fix28 inadvertently removed leading '0' padding to the Control Number during FA Generation.
This issue was caused by an earlier fix (WmEDI_6-1Fix28) which removed the leading '0' padding from the control number during FA generation. The fix allows control of padding of the control number with '0' when the FA is generated manually. A note was added to the 'ctlNumberWleadingZero' input for the generateFA service as follows: This parameter only works when the value of the generateControlNumber parameter is FromControlNumberTable.
- EEO-892 (was 1-1VJKTV) (WmEDI_6-1_SP1_Fix1)
`wm.b2b.edi.convertToString` service in webMethods EDI Module 6.1 does not support alternate field names. In an EDI schema, if you have specified alternate field names for some of the fields, the `wm.b2b.edi.convertToValues` service using this EDI schema will create an IData object with variable names specified by the alternate field names. When the `wm.b2b.edi.convertToString` service is executed with this IData object and sortInput input field set to 'true', the `wm.b2b.edi.convertToString` service does not recognize the fields with alternate names, and these fields are found missing in the service output. This issue is resolved. The `wm.b2b.edi.convertToString` service now correctly recognizes the alternate field names specified in an EDI schema.
- EEO-2029 (was 1-Y1U91) (WmEDI_6-1_SP1_Fix1)
The `wm.b2b.edi:convertToString` service does not support the NULL character (0x00) as a delimiter. This fix alters the behavior of `convertToString` service so that the NULL character can be used as a delimiter. In order to use the NULL character as delimiter, you must first configure the flat file parser to support the NULL character as a delimiter.
Please see IS_6-1_Fix21 for details on how to configure the flat file parser.
- EEO-2096 (was 1-ZUKGS) (WmEDI_6-1_SP1_Fix3)
OutOfMemory error occurs when using generateFA to process large EDI documents.
The `wm.b2b.edi.generateFA` service may throw an OutOfMemory exception when trying to generate an FA for large documents. The WmEDI_6-1_SP1_Fix3 fix alters the behavior of the generateFA service so that only portions of the document are processed in memory at any one time.
To resolve this issue, open the file *Integration_Server/packages/WmEDI/config/properties.cnf*, where *Integration_Server* is the Integration Server installation directory, add the following line, and then restart the Integration Server:
EDIBigDocThreshold=1000000
The value 1000000 is an approximate value and may be set higher or lower depending on the system requirements.

- EEO-800 (was 1-1RFYAG) (WmEDI_6-1_SP1_Fix13)
webMethods EDI Module 6.1 Service Pack 1 not supporting EDI X12 5040 documents.
Currently, webMethods EDI Module 6.1 Service Pack 1 supports only up to 5030 version of EDI X12 documents. webMethods EDI Module 6.1 Service Pack 1 needs to add support for the new 5040 version of EDI X12 documents.
This issue is resolved. Now, webMethods EDI Module 6.1 SP1 supports EDI X12 5040 documents.
- EEO-876 (was 1-1USVHL) (WmEDI_6-1_SP1_Fix15)
In webMethods EDI Module 6.1 SP1, the wm.b2b.edi.util:generateFA service is generating incorrect output. When the wm.b2b.edi.util:generateFA service is executed with an EDI document as input and the value of FALevel set to 'Segment', the functional acknowledgement (FA) generated by the service is not correct. Some of the records required in the service output are missing and the generated FA has a wrong status.
This issue is resolved. The wm.b2b.edi.util:generateFA service is now generating the expected output.
- EEO-472 (was 1-12KDMN) (WmEDI_6-5_SP1_Fix3)
Values are missing in the X12 dictionary wm.b2b.edi.EDIFFSchema:Dictionary.
In WmEDI version 6.1, the I05 element is limited to the following values:
01,02,03,04,08,09,11,12,13,14,15,16,NR,ZZ. There are many additional values that X12 allows.
This issue is resolved by adding new values to the I05 code list.
- EEO-451 (was 1-125AFX) (WmEDI_6-5_SP1_Fix3)
Field '001a' of the 'wm.b2b.edi.EDIFFSchema:Dictionary' does not support value 'UNOC'.
The value 'UNOC' is not supported because the field '001a' of the Dictionary
'wm.b2b.edi.EDIFFSchema:Dictionary' does not contain the value 'UNOC' in its validator.
This issue is resolved by adding the missing value to the I05 code list.
- EEO-586 (was 1-145BD7) (WmEDI_6-5_SP1_Fix4)
In EDI Module 6.5 SP1, the wm.b2b.edi.util.FA:lite997 service ignores the EDI_delimiters parameter.
The variable is dropped from the pipeline in the service flow MAP step immediately preceding the execution of the wm.b2b.edi.util.FA:delimitersCheck service.
This issue is now resolved.
- EEO-500 (was 1-12TVNQ) (WmEDI_6-5_SP1_Fix5)
The webMethods EDI Module 6.5 SP1 cannot run on webMethods Integration Server 6.5 SP1.
webMethods EDI 6.5 users, who install Integration Server 6.5 Service Pack 1, must also install WmEDI_6-5_SP1_Fix5.
Installation of WmEDI_6-5_SP1_Fix5 fix enables the EDI Module 6.5 SP1 to run on Integration Server 6.5 SP1.
- EEO-735 (was 1-1JB345) (WmEDI_6-5_SP1_Fix6)
In webMethods EDI Module 6.5 SP1, the wm.b2b.edi.util:generateFA service always generates a 997 with a "Rejected" status.
This occurs because the wm.b2b.edi.util.FA:transactionset997 service is missing a "@" character in the input for the "wm.b2b.edi.util:EDIconcat" statement of the "trailer" input string.
This issue is now resolved.
- EEO-670 (was 1-1A3EZB) (WmEDI_6-5-2_Fix1)
The wm.b2b.edi:convertToString service throws a StringIndexOutOfBoundsException exception when using

"nsRecord".

When using "nsRecord" instead of a flat file schema to specify the EDI document structure, the `wm.b2b.edi:convertToString` service throws `StringIndexOutOfBoundsException`.

This issue is resolved by modifying the `convertToString` service to correctly create the EDI files when using the "nsRecord" input to specify the EDI document structure.

- EEO-675 (was 1-1AYRB9) (WmEDI_6-5-2_Fix2)

The `wm.b2b.edi:convertToString` service treats '0' as the release character if no release character is specified when using `NSRecord` to create the EDI document.

In this scenario any instance of the character zero ('0') in the input data will be prepended with another zero in the output EDI document.

This issue is resolved by modifying the behavior of the `convertToString` service to properly handle the situation where no release character is specified. Extra zero characters will no longer be added to the EDI document created.

- EEO-681 (was 1-1DMHSG) (WmEDI_6-5-2_Fix3)

`wm.b2b.edi:convertToString` service throws a `StringIndexOutOfBoundsException`.

WmEDI_6-5-2_Fix2 did not fully address the `StringIndexOutOfBoundsException` thrown by the `wm.b2b.edi:convertToString` service when using "nsRecord".

This issue is resolved by modifying the `convertToString` service to correctly create the EDI files when using the "nsRecord" input to specify the EDI document structure.

- EEO-685 (was 1-1E6ISN) (WmEDI_6-5-2_Fix4)

The `wm.b2b.edi:convertToString` service creates an empty record in the final string.

This occurs when the input record contains mapped fields that have no values (all white space).

This issue is resolved by modifying the `convertToString` service so that if the all fields in the input record are empty the record will not appear in the final output string.

- EEO-721 (was 1-1IRZNH) (WmEDI_6-5-2_Fix5)

The service `wm.b2b.edi:convertToString` does not compute segment totals for SE/UNT segments correctly in all situations.

If you use the input `NSRecord` and you construct an EDI document that contains only a transaction or group with no interchange, the segment count will not be computed properly.

This issue is resolved by correcting the computation of the segment total in this situation.

- EEO-742 (was 1-1JEEZ1) (WmEDI_6-5-2_Fix6)

Control numbers generated by the `wm.b2b.edi.util:controlNumber` service are not unique.

The service `wm.b2b.edi.util:controlNumber` generates the same control number if invoked from two different threads at the same time. This happens because the service is not synchronized properly for simultaneous calls from more than one thread.

This issue is resolved by synchronizing the control number logic.

- EEO-706 (was 1-1HFK8P) (WmEDI_6-5-2_Fix6, WmEDI_6-1_SP1_Fix8, WmEDIforTN_6-5-2_Fix4, WmEDIforTN_6-1_SP1_Fix13)

Enhance the EDI Module to support newer version of X12 and UNEDIFACT EDI standards.

The EDI Module now supports the following additional versions:

X12:5030

UNEDIFACT:03B

UNEDIFACT:04A
UNEDIFACT:04B
UNEDIFACT:05A
UNEDIFACT:05B
UNEDIFACT:06A

- EEO-754 (was 1-1MV768) (WmEDI_6-5-2_Fix7)
The wm.b2b.edi.util:addICEnvelope service generates the "required input signature is not specified" exception when groupInfo/IDcode is not specified.
In the wm.b2b.edi.util:addICEnvelope service, there is no step to check whether groupInfo/IDcode is null. This leads to an exception when running the service.
This issue is now resolved.
- EEO-758 (was 1-1N5MTT) (WmEDI_6-5-2_Fix7)
In webMethods EDI Module 6.5 SP1, the wm.b2b.edi.util:generateFA service always generates a 997 with a "Rejected" status.
This occurs because the wm.b2b.edi.util.FA:transactionset997 service is missing a "@" character in the input for the "wm.b2b.edi.util:EDIconcat" statement of the "trailer" input string.
This issue is now resolved.
- EEO-763 (was 1-1NC9KA) (WmEDI_6-5-2_Fix8, WmEDI_6-5_SP1_Fix8)
A NumberFormatException is thrown when executing the wm.b2b.edi:createIDOCtemplate service in webMethods EDI Module 6.5 SP1.
The wm.b2b.edi:createIDOCtemplate service invokes the pub.sap.client:getStructureDefinition, which is in the WmSAP package. Upon completion of the getStructureDefinition service, the createIDOCtemplate service attempts to use the pipeline variable "offset", which is output from the getStructureDefinition service. However, since version 6.5 of the SAP Adapter, the getStructureDefinition no longer populates the output variable "offset". As a result, the NumberFormatException is thrown.
This issue is resolved by updating the createIDOCtemplate service to calculate the offset by using the output variable "length".
- EEO-776 (was 1-1PE4X8) (WmEDI_6-5-2_Fix9, WmEDI_6-5_SP1_Fix9)
Code "MEDRUC" missing in the field definition of 0065.
The field definition of 0065 defined in wm.b2b.edi.EDIFFSchema:Dictionary is missing the code "MEDRUC". As a result, the validation done by the code list validator for this field definition fails.
This issue is now resolved by adding the missing code MEDRUC to the field Definition of 0065.
- EEO-791 (was 1-1QUP8M) (WmEDI_6-5-2_Fix10)
In webMethods EDI Module 6.5.2, the wm.b2b.edi.util:addICEnvelope service incorrectly groups several invoices into one envelope.
In wm.b2b.edi.util:addICEnvelope flow service, the required transformer is missing in the step that maps the outDocument String from the scoped variable to the list of documents after invoking the wm.b2b.edi.util:addGroupEnvelope service. This is causing incorrect grouping of several invoices into one group.
This issue is now resolved by introducing the pub.list.appendToStringList transformer in pipeline mapping.
- EEO-817 (was 1-1S5INE) (WmEDI_6-5-2_Fix11)
Many codes are missing for I05 element in the X12 dictionary, wm.b2b.edi.EDIFFSchema:Dictionary.

Apart from the currently supported 01, 02, 03, 04, 08, 09, 11, 12, 13, 14, 15, 16, NR, and ZZ codes, there are many additional codes that I05 element for X12 needs to support. Validation failure is caused when the sender or receiver qualifier is one of the missing codes.

This issue is now resolved by adding the missing codes to the field definition of I05 element in the X12 dictionary, `wm.b2b.edi.EDIFFSchema:Dictionary`.

- EEO-886 (was 1-1V80EV) (WmEDI_6-5-2_Fix12)

The `wm.b2b.edi.util:generateFA` service does not pad the ISA control number with zero if the length of the control number is eight characters.

In webMethods EDI Module 6.5.2, if the length of the control number is eight characters, the `wm.b2b.edi.util:generateFA` service does not pad the ISA control number with zero even though the value of the `ctlNumberWleadingZero` parameter is set to "true". The control number padding works fine if the length of the control number is less than eight characters.

This issue is resolved. The control number padding now works fine for any control number value.

- EEO-894 (was 1-1VS3KD) (WmEDI_6-5-2_Fix13)

The `wm.b2b.edi:convertToString` service in webMethods EDI 6.5.2 Module does not generate the L5 segment and its child segments when the L501 child segment has no value.

If the first child of a particular segment is missing in the input document provided to the `wm.b2b.edi:convertToString` service, the output string of the service erroneously does not contain that segment nor any of its child segments even though it is not mandatory for a segment to contain any values in its sub elements. The `m.b2b.edi:convertToString` service requires an update to generate the correct output string.

This issue is resolved.

- EEO-921 (was 1-1WNI GL) (WmEDI_6-5-2_Fix14, WmEDIforTN_6-5-2_Fix14)

Update EDI Module to support UNEDIFACT EDI standard versions 06B, 07A, and 07B.

webMethods EDI Module 6.5.2 requires an update to support UNEDIFACT EDI standard versions 06B, 07A, and 07B.

This issue is resolved. webMethods EDI Module now supports UNEDIFACT EDI standard versions 06B, 07A, and 07B.

- EEO-900 (was 1-1W7Y3T) (WmEDI_6-5-2_Fix14, WmEDIforTN_6-5-2_Fix14)

Update EDI Module to support UNEDIFACT EDI standard version 3.

webMethods EDI Module 6.5.2 requires an update to support UNEDIFACT EDI standard version 3.

This issue is resolved. webMethods EDI Module now supports UNEDIFACT EDI standard version 3.

- EEO-890 (was 1-1VF2G1) (WmEDI_6-5-2_Fix14, WmEDIforTN_6-5-2_Fix14)

Update webMethods EDI Module 6.5.2 to make the location of the CONTRL schema and the version of the CONTRL message configurable.

In webMethods EDI Module 6.5.2, the location of the CONTRL schema used to generate the CONTRL message for UNEDIFACT document is not configurable. Also, the version of the CONTRL message is same as the version of the input document. The `wm.b2b.edi.util:generateFA` service currently retrieves the TCONTRL schema from the default location to construct the outbound message. webMethods EDI Module 6.5.2 requires an update to enable users to specify:

- A custom CONTRL schema for envelope validation
- The location of the CONTRL schema
- The version of the CONTRL message

These issues are resolved by adding the following new input parameters to the `wm.b2b.edi.util:generateFA`

service: userFFSchemaForEnvelope and MessageIdentifier.

- userFFSchemaForEnvelope - specifies the custom CONTRL schema to be used for validating the envelope. If you do not provide a value for this input field, the wm.b2b.edi.util:generateFA service will use the default schema. To customize the schema to be used for validating the envelope, you can now copy the wm.b2b.edi.EDIFFSchema:ICS4UNEDIFACTDEF_large schema and modify the copied schema. When you modify the wm.b2b.edi.EDIFFSchema:ICS4UNEDIFACTDEF_large schema, you will have the following limitations:

- You must not move the top level records in this document (UNB, UNG, UNH, UNT, UNE, UNZ, UNA).
- You can modify the contents of the records, but all these records must be present and remain as children of the root node in the wm.b2b.edi.EDIFFSchema:ICS4UNEDIFACTDEF_large schema so that the schema works properly with the wm.b2b.edi.util:generateFA service.
- The 'Ordered' parameter of the root node in the ffSchema must remain set to 'false'.
- MessageIdentifier - specifies the location of the CONTRL schema and the version of the CONTRL message. This input parameter of type document has the following three fields:
 - VersionNumber - specifies the value of the UNH02/S00902 field in the output CONTRL message.
 - ReleaseNumber - specifies the value of the UNH02/S00903 field in the output CONTRL message.
 - ControllingAgency - specifies the value of the UNH02/S00904 field in the output CONTRL message. If no value is provided for these input fields, they will take the values from the input document. The values of the VersionNumber and ReleaseNumber fields will determine the schema to be used.
- If you specify the values for both VersionNumber and ReleaseNumber fields, the schema used will be EDIFFSchema.%s_standard%.V%MessageIdentifier/VersionNumber%%MessageIdentifier/ReleaseNumber%:TCONTRL.
- If you specify only the value of VersionNumber field, the schema used will be EDIFFSchema.%s_standard%.V%MessageIdentifier/VersionNumber%:TCONTRL.
- If you specify only the value of ReleaseNumber field, the default schema will be used, but the UNH02/S00903 field in the output CONTRL message will be populated with the value of the ReleaseNumber field.

▪ EEO-931 (was 1-1WY1VR) (WmEDI_6-5-2_Fix15)

The wm.b2b.edi.util:generateFA service throws com.wm.ff.parse.ParseException exception when a delimiter is missing at the envelope level of an EDIFACT message.

In webMethods EDI Module 6.5.2, when an EDIFACT message does not contain a delimiter at the envelope level, the wm.b2b.edi.util:generateFA service throws the following exception instead of returning a negative CONTRL message: "com.wm.ff.parse.ParseException: [FFP.0012.0004] Found no valid records."

This issue is resolved by adding two new input parameters, generateAnyway and UNH02, to the wm.b2b.edi.util:generateFA service.

- If you want the wm.b2b.edi.util:generateFA service to throw com.wm.ff.parse.ParseException exception when a delimiter is missing at the envelope level of an EDIFACT message, set the value of the generateAnyway parameter to 'False' (the default).

- If you want the wm.b2b.edi.util:generateFA service to generate a negative CONTRL message when a delimiter is missing at the envelope level of an EDIFACT message, set the value of the generateAnyway parameter to 'True' and assign the values for the CONTRL message header fields in the UNH02 parameter. For example, to set the version number of the CONTRL message to 'D', set the value of UNH02/S00902 parameter to 'D'; to set the release number of the CONTRL message to '96A', set the value of UNH02/S00903 parameter to '96A'; and to set the controlling agency of the CONTRL message to 'UN', set the value of UNH02/S00904 parameter to 'UN'.

▪ EEO-984 (was 1-1XUKNH) (WmEDI_6-5-2_Fix15)

The wm.b2b.edi:convertToValues service does not validate the input parameters of numeric data type.

In webMethods EDI Module 6.5.2, the `wm.b2b.edi:convertToValues` service does not validate the input parameters of numeric data type (N,1,1) because the corresponding format service for validating the fields of numeric data type (N,1,1) is missing.

This issue is resolved. The `format.xml` file was updated to add a format service to associate with the fields of numeric data type (N,1,1).

- EEO-2083 (was 1-ZEO8Q) (WmEDIforTN_6-1_SP1_Fix1)
FA reconciliation does not work properly when the EDI Tracking table has two different Group documents (such as 810 and 856) for the same partner with the same Group Control number.
The WmEDIforTN_6-1_SP1_Fix1 fix addressed this issue by adding one more condition (Functional Identifier Code (AK101)) while querying the Tracking table.
- EEO-394 (was 1-11GAV0) (WmEDIforTN_6-1_SP1_Fix3, WmEDIforTN_6-5_SP1_Fix1)
Type IDs are different between EDI Module versions 4.6 and 6.5.
The internal IDs of some EDI document types are inconsistent from version to version of the webMethods EDI Module. When installing a new EDI document type from the WmEDI home page it is possible that the newly installed document type will overwrite an existing EDI document type that was created using an older version of the webMethods EDI Module.
This fix changes the way that EDI document type internal IDs are generated. The IDs are now generated based on the type of document that is installed. This guarantees that newly installed EDI document types will not overwrite existing EDI document types. This also guarantees that the same EDI document type created on two different Integration Server installations will have the same internal ID, assuming that both installations have this fix installed. It is important that all Integration Server instances where EDI document types may be created have this fix installed. This way, all new EDI document types will be created with the new ID generation scheme. All existing EDI document types will continue to use their existing internal ID. No existing processing rules or EDI document types will be impacted by this fix. Only EDI document types created after applying this fix will be created using the new ID generation scheme.
- EEO-489 (was 1-12QHC3) (WmEDIforTN_6-1_SP1_Fix5)
The EDI Module (WmEDIforTN Package) does not correctly detect EDI documents that cannot be encoded using the default encoding (UTF-8) when running on a version 1.4 JVM.
This fix alters the EDI Module (WmEDIforTN Package) so that encoding errors are detected correctly when running on a 1.4 JVM. If an EDI document submitted to TN cannot be encoded using the default encoding (UTF-8 or the value specified in the `EDIencoding` system parameter), the encoding specified in the system parameter `file.encoding` will be used to convert the incoming EDI document from bytes to a string.
- EEO-502 (was 1-12ULHF) (WmEDIforTN_6-1_SP1_Fix6)
Release characters in EDI envelopes are not treated properly when an EDI document is submitted to Trading Networks.
This problem occurs if a field in a UNB, UNG, UNH, UNE, UNZ, or UNT segment contains a release character. For example, if the SenderID for a document is 1?'abc, where ? is the release character and ' is the record delimiter, the SenderID will be treated as 1?'abc when it should actually be 1'abc.
This fix removes the release character from the field so that release characters in the segments listed above are handled properly by the WmEDIforTN package.
- EEO-319 (was 1-10ERIQ) (WmEDIforTN_6-1_SP1_Fix6, WmEDIforTN_6-1_SP1_Fix2)
batchProcess does not honor UNAmode EDITPA variable settings.
While batching EDI documents, UNA segment is getting created whether or not the UNAmode EDITPA Variable is set to yes or no. The `wm.b2b.editn.TPA:EDITPA` document type has a UNAmode EDITPA

variable which decides whether to create the UNA segment prior to interchange in an outbound UN/EDIFACT EDI document. However, whether we set the value to yes or no, the batchprocess service is not able honor this setting and it creates the UNA segment prior to interchange. This issue has been resolved.

- EEO-652 (was 1-16BX9G) (WmEDIforTN_6-1_SP1_Fix9)
The wm.b2b.editn.batch:batchProcess service generates a UN/EDIFACT envelope for EANCOM batched documents.
After applying WmEDI_6-1_SP1_Fix6 and WmEDIforTN_6-1_SP1_Fix7, a user encountered the following issues related to the wm.b2b.editn.batch:batchProcess service:
 1. batchProcess generates a UN/EDIFACT envelope instead of EANCOM (for an EANCOM 96A ORDERS transaction).
 2. The generated UN/EDIFACT envelope does not have Document ID.
 3. Resubmitting the UN/EDIFACT envelope via TN Console results in the error "wm/b2b/edi/templateMgr" java.lang.NoClassDefFoundError.This fix resolves these problems.
- EEO-663 (was 1-18AK84) (WmEDIforTN_6-1_SP1_Fix10)
A conversation ID is always extracted from EDI envelope and group documents in Trading Networks. This fix provides a configuration option to turn off extraction of conversation IDs for group and envelope document types. To disable extraction of conversation IDs, add the following line to the file <IS>\packages\WmEDI\config\properties.cnf, where <IS> is the directory where your Integration Server is installed: disableCIDSupport=true. If that file does not exist, create it and add the above line. Then reload the WmEDI package. Note that this update has no impact on transaction document types. If an instance ID query is defined for a given document type, then the conversation ID will still be extracted for documents of that type.
- EEO-701 (was 1-1HWARD) (WmEDIforTN_6-1_SP1_Fix12)
WmEDIforTN_6-1_SP1_Fix6 causes release characters in records to be handled improperly (that is, removes them from data).
With this fix, the webMethods EDI Module now correctly stores the release character in the Trading Networks database.
- EEO-831 (was 1-1SNY6C) (WmEDIforTN_6-1_SP1_Fix15)
webMethods EDI Module 6.1 Service Pack 1 does not support EDI X12 5050 documents.
Currently, webMethods EDI Module 6.1 Service Pack 1 supports only up to 5040 version of EDI X12 documents. webMethods EDI Module 6.1 Service Pack 1 needs to add support for the new 5050 version of EDI X12 documents.
This issue is resolved. Now, webMethods EDI Module 6.1 SP1 supports EDI X12 5050 documents.
- EEO-893 (was 1-1VM223) (WmEDIforTN_6-1_SP1_Fix16)
Update EDI Module to support VICS EDI standard version 4050.
webMethods EDI Module 6.1 requires an update to support VICS EDI standard version 4050.
This issue is resolved. webMethods EDI Module now supports VICS EDI standard version 4050.
- EEO-620 (was 1-14TCYC) (WmEDIforTN_6-5_SP1_Fix3)
When reconciling EDI functional acknowledgements, exceptions occurred if the original document that was sent had not yet been persisted in the Trading Networks database.

With this fix applied, if the original document has not yet been persisted in the database, it is ignored, and an exception no longer occurs. When the original document is later persisted to the Trading Networks database, the EDI Module assigns the status "None" to the original document.

- EEO-661 (was 1-17YWGZ) (WmEDIforTN_6-5-2_Fix1)
wm.b2b.editm.db:deleteFAInfo service deletes functional acknowledgement records too soon.
The wm.b2b.editm.db:deleteFAInfo does not honor the deleteAfterDays input parameter, and as a result, deletes functional acknowledgement records before it should.
With this update, the wm.b2b.editm.db:deleteFAInfo service honors the deleteAfterDays input parameter.
- EEO-686 (was 1-1FFKM3) (WmEDIforTN_6-5-2_Fix2)
The contents of the pipeline for EDI Interchange and Group documents have changed from 6.0.1 to 6.5.2. In the 6.0.1 version of EDI Module, when the processing rules for Interchange or Group EDI documents trigger a service, the pipeline contained a Transaction record under the EDITN_env pipeline variable. In the 6.5 version, the pipeline does not contain the Transaction record; instead it contains a TransactionInfoSet object.
This issue is resolved by providing a new service, wm.b2b.editm:getTransactionSetDetail, which can be used to convert a TransactionInfoSet object to the Transaction record.
- EEO-712 (was 1-1HG1QZ) (WmEDIforTN_6-5-2_Fix3, WmEDIforTN_6-1_SP1_Fix11)
The service wm.b2b.editm:ediPartnerIDToTNPartnerID maps EDI ID qualifiers to TN external ID qualifiers. The EDI ID qualifier value '14' is used for the 'EAN' ID type in EDIFACT and for 'DUNS Plus Suffix' in X12. A previous fix had changed the default TN external ID qualifier from 'DUNS Plus Suffix' to 'EAN'. This fix changes the value back to 'DUNS Plus Suffix'. Note that this is not a cumulative fix and only affects the service wm.b2b.editm:ediPartnerIDToTNPartnerID.
- EEO-744 (was 1-1KH88F) (WmEDIforTN_6-5-2_Fix5)
The webMethods EDI Module for Trading Networks reports valid TA1 segments in X12 documents as being invalid.
Version 6.1 of EDI Module for Trading Networks ignored TA1 segments and processed the document. The 6.5.x version reports valid TA1 segments as errors because EDI for Trading Networks does not support TA1 segments.
This issue has been resolved by modifying the EDI Module so that it ignores TA1 segments.
- EEO-724 (was 1-1J8XYW) (WmEDIforTN_6-5-2_Fix5)
In certain scenarios, the webMethods EDI Module creates auto-generated functional acknowledgements (FAs) with errors.
The EDI Module creates an auto-generated FAs with errors when a document contains more than one group, the split level is set to Interchange, and FA reconciliation is turned off. The Trading Networks BizDocEnvelope will have an error message that indicates that a database insert failed due to a primary key violation. The error occurs because the EDI Module is attempting to store two references to the same FA in the EDITracking table.
This issue has been resolved by altering the EDI Module to eliminate the duplicate insert attempts.
- EEO-752 (was 1-1MMOV3) (WmEDIforTN_6-5-2_Fix6)
The WmEDIforTN package takes a long time to initialize after upgrading to webMethods EDI Module 6.5.2. After upgrading to webMethods EDI Module 6.5.2, all EDI document types and EDI document attributes that are defined in Trading Networks must be updated. The startup service for the WmEDIforTN package

performs this update, and the update takes a long time. The update only needs to happen once; however, the startup service attempts to perform the update every time the WmEDIforTN package is started. This issue is resolved by removing the action to update the EDI document types and attributes from startup service. The new `wm.b2b.editn.updateAttributes` service is added to update document types and attributes to ensure they are configured correctly. This `updateAttributes` service needs to be executed a single time as part of the process of upgrading to webMethods EDI Module 6.5.2. It should only be run one time. Make sure that the service is not run on a server that is part of a cluster because the service updates document type definitions and replicating those changes to other servers in a cluster can cause problems.

- EEO-765 (was 1-1NTY1K) (WmEDIforTN_6-5-2_Fix7)
Trading Networks appears to hang when processing EDI data.
When webMethods EDI Module 6.5.2 submits EDI data to Trading Networks, the query performed to locate document IDs in the `EDITracking` table takes a long time to run. The query unnecessarily joins the `EDITracking` and `bizdoc` tables, resulting in computing a cross product of the two tables. Because the query takes a long time to run, it appears that Trading Networks has halted processing of the document. The issue is resolved by updating the SQL query.
- EEO-760 (was 1-1N88QF) (WmEDIforTN_6-5-2_Fix8)
A `sun.io.MalformedInputException` is thrown when processing documents from a VAN.
While processing documents from a VAN, the `wm.b2b.editn.getTspace` service sets wrong values for encoding. The `wm.b2b.editn.getTspace` service checks for default encoding before checking for actual encoding of the EDI data submitted to the trading network. This results in exception `sun.io.MalformedInputException`.
This issue is resolved.
- EEO-779 (was 1-1PKKO1) (WmEDIforTN_6-5-2_Fix9)
Handling of the TPA parameters "`duplicateControlNumberAction`" and "`outOfSequenceControlNumberAction`" is not working correctly.
The EDI group control number management does not work correctly when the TPA parameter "`duplicateControlNumberAction`" is set to "Reject" and the parameter "`outOfSequenceControlNumberAction`" is set to "ProcessNormally". The handling of these two TPA parameters ("`duplicateControlNumberAction`" and "`outOfSequenceControlNumberAction`") is reversed. As a result:
 - The EDI document gets rejected rather than use the setting "ProcessNormally".
 - When a duplicate group control number is encountered, the processing status is set to "Done" instead of "Done with Error".This issue is resolved so that these parameters are handled correctly.
- EEO-811 (was 1-1RUH0B) (WmEDIforTN_6-5-2_Fix10)
The batched EDI documents are no longer submitted to Trading Networks for splitting.
While using webMethods EDI Module 6.0.1, Trading Networks processes a batch document in the same way as new incoming documents and splits the batch document into Interchange, Group, and Transaction documents. When a batch document is created using the batching feature in webMethods EDI Module 6.1, the batch document is not processed by Trading Networks in the same way as other EDI documents. The batch document is not split out into Interchange, Group, and Transaction documents.
This issue is resolved. A new input parameter, "`processOutput`", is added to the Trading Networks queue for processing the EDI batch documents. This "`processOutput`" input parameter controls how the output of the EDI batch is handled. If the value of `processOutput` parameter is set to "false", which is the default value, the batch document will not be split into Interchange, Group, and Transaction documents. If the value of

processOutput parameter is set to "true", the batch document will be split.

- EEO-843 (was 1-1TEJFI) (WmEDIforTN_6-5-2_Fix11)
After applying the WmEDIforTN_6-5-2_Fix10 fix, Trading Networks throws a database error on receiving a duplicate EDI document.
After the WmEDIforTN_6-5-2_Fix10 fix is applied, Trading Networks rejects a duplicate EDI document, but throws a database error with 'Failed to create EDI Status entry. [EDIFTN.000010.000260], [wm-cjdbc36-0007][Oracle JDBC Driver][Oracle]ORA-00904: "TIMECREATED": invalid identifier' error message while updating the status entry. Because the table definition was changed in EDI Module but not updated in the Trading Networks database scripts, the incompatibility between EDI Module and Trading Networks is causing this issue.
This issue is resolved now by reverting the table changes in EDI Module, and providing the correct and updated the WmEDIforTN_6-5-2_Fix10 fix.
- EEO-897 (was 1-1VWTM1) (WmEDIforTN_6-5-2_Fix12)
Update EDI Module to support X12 EDI standard versions 5040 and 5050.
webMethods EDI Module 6.5.2 requires an update to support X12 EDI standard versions 5040 and 5050.
This issue is resolved. webMethods EDI Module now supports X12 EDI standard versions 5040 and 5050.
- EEO-898 (was 1-1VXY04) (WmEDIforTN_6-5-2_Fix13)
There is no provision to add the pipeline variable 'prtIgnoreDocument' on the Submit Test EDI Data screen of Integration Server Administrator's EDI Module.
When an EDI document is submitted through the Submit Test EDI Data screen, Trading Networks needs to know whether the document received should be routed to the webMethods Process Runtime module or not. To do so, it needs the pipeline variable prtIgnoreDocument.
This issue is resolved. A new field 'prtIgnoreDocument' is added to Integration Server Administrator's EDI Module, on the Submit Test EDI Data screen. It is a drop-down list which allows you to choose between two options - 'true' and 'false.' The default value for prtIgnoreDocument is 'false.' The value you provide in this field is stored as the value for prtIgnoreDocument of the document submitted. This attribute value is used to create the pipeline variable when the document is resubmitted.
- EEO-896 (was 1-1VUGG1) (WmEDIforTN_6-5-2_Fix13)
In webMethods EDI Module 6.5.2, the EDI batching service truncates the N104 field if the value of the field ends with a space character.
In webMethods EDI Module 6.5.2, the EDI batching service removes the empty spaces from any field while creating the output document. If any field in the input document contains a space character in its value, the EDI batching service incorrectly removes the space character from the output result and makes the output document invalid.
This issue is resolved. The EDI batching service now does not remove the space characters from any field value.
- EEO-877 (was 1-1UUP78) (WmEDIforTN_6-5-2_Fix13)
An exception with 'pub.prt.log:logActivityMessages failed' error message is seen while sending an EDIINT document with a conversation ID using webMethods EDIINT Module 6.5.2.
While processing EDIINT documents using webMethods EDIINT Module 6.5.2, if the conversation ID is defined for the document, webMethods Trading Networks sends the document to webMethods Process Runtime. webMethods Process Runtime searches for the process model which with this document is associated. If webMethods Process Runtime receives a document with the conversation ID defined, but with no process model defined, webMethods Process Runtime throws an exception with

'pub.prt.log:logActivityMessages failed' error message. To manage this situation, Trading Networks checks for a pipeline variable, 'prtIgnoreDocument'. If the value of 'prtIgnoreDocument' variable is 'true', the EDIINT document is not sent to Process Runtime and no exception is seen. Currently, the wm.EDIINT:send service has an input parameter, 'prtIgnoreDocument', which takes care of the error message while sending the EDIINT document. However, if an MDN is received for the EDIINT document, Trading Networks does not find the pipeline variable, 'prtIgnoreDocument', and webMethods Process Runtime throws an exception. This issue is resolved by creating a new attribute, 'PRTIgnoreDocument'. Whenever an EDIINT document is transacted with a value specified for the 'prtIgnoreDocument' input field, this value is saved as the value of 'PRTIgnoreDocument' attribute. While processing the MDN received for the EDIINT document, the value of 'PRTIgnoreDocument' attribute is extracted and added to the pipeline variable, 'prtIgnoreDocument'. When the value of 'prtIgnoreDocument' input parameter is 'true', no error message is seen while processing EDIINT documents with conversation ID defined.

- EEO-1030 (was 1-1YGBDC) (WmEDIforTN_6-5-2_Fix15)

In webMethods EDI Module 6.5.2, when FAREconciliation EDITPA variable is set to 'false', the EDI document tracking entry is not recorded in the EDITRACKING table.

Regardless of whether the FAREconciliation EDITPA variable is set to 'true' or 'false', EDI Module must always record information in the EDITRACKING table for the EDI documents exchanged through Trading Networks. In WmEDIforTN_6-5-2_Fix7 fix, to make a small performance improvement, the code was updated so that EDI Module does not record the EDI tracking entry in the EDITRACKING table when FAREconciliation EDITPA variable is set to 'false'. But this change has introduced some inconsistency in the BIZDOCRELATIONSHIP table entries, and the EDI documents are not relating correctly to the FA generated.

This issue is resolved. FAREconciliation EDITPA variable is set to 'true' or 'false', the EDI Module always records information in the EDITRACKING table for EDI documents that are exchanged through Trading Networks.

- EEO-932 (was 1-1WYOGO) (WmEDIforTN_6-5-2_Fix15)

webMethods EDI Module 6.5.2 working with webMethods Trading Networks 7.1.x is unable to update the FA Status for an EDI message.

During FA reconciliation, the EDI Module updates the FA status. To update the FA status of the EDI document, the EDI Module invokes the wn.tn.doc:view service in Trading Networks to fetch the EDI document. In webMethods Trading Networks 7.1.x, the wn.tn.doc:view service authenticates and allows only the Administrator, Sender, or Receiver of the EDI document to fetch the original EDI document. When a user other than the Administrator, Sender, or Receiver of the EDI document tries to update the FA Status, Trading Networks throws a "User Not Authorized" error message.

This issue is resolved by replacing the call to the wn.tn.doc:view service with the wn.tn.doc:viewAs service to fetch the EDI document from Trading Networks. The wn.tn.doc:viewAs service does not enforce user authentication.

- EEO-752 (was 1-1MMOV3) (WmEDIforTN_6-5-2_Fix6)

Thread Pool Warning Threshold while loading WmEDIforTN package in TN Cluster environment.

Customers tried to migrate their 6.1 system to 6.5 and the system reports thread pool warning while loading EDIforTN package. The system takes an hour to load WmEDIforTN package.

This problem only occurs when two or more Trading Networks are in TN Cluster and have tn.cluster.notifyCacheChange set to true. First node in cluster starts fine without any problem. During the startup of next node (IS), when IS loads WmEDIforTN package, it tries to update the document and document attributes of EDI document types, due to which TN sends "Cluster Sync Request" to other Trading networks nodes. As there are many document types and their related document attributes for EDI

document, it creates huge http traffic to other TN cluster nodes.

- EEO-765 (was 1-1NTY1K) (WmEDIforTN_6-5-2_Fix7)
Trading Networks appears to hang when processing EDI data.
When webMethods EDI Module 6.5.2 submits EDI data to Trading Networks, the query performed to locate document IDs in the EDITracking table takes a long time to run. The query unnecessarily joins the EDITracking and bizdoc tables, resulting in computing a cross product of the two tables. Because the query takes a long time to run, it appears that Trading Networks has halted processing of the document. The issue is resolved by updating the SQL query.
- EEO-1103 (was 1-20F4GF) (WmEDI_6-5-2_Fix18)
In webMethods EDI Module 6.5.2, the output of the wm.b2b.edi.util:addICEEnvelope service is incorrect when the value of the input field 'addGroup' is set to 'true'.
When webMethods EDI Module 6.5.2 invokes the wm.b2b.edi.util:addICEEnvelope service with addGroup input field set to 'true', the output includes both envelope header and the group header for the EDI document. Because the value of the agencyCode(GS07) field is not passed correctly while calling the wm.b2b.edi.util:addICEEnvelope service, the group envelope output is incorrect.
The issue is resolved. The wm.b2b.edi.util:addICEEnvelope service now correctly generates the group envelope.
- EEO-1094 (was 1-20524X) (WmEDI_6-5-2_Fix17)
Update EDI Module to include support for UNEDIFACT 08A and 08B versions.
webMethods EDI Module 6.5.2 requires an update to support 08A and 08B versions of UNEDIFACT EDI standard.
This issue is resolved. webMethods EDI Module now supports UNEDIFACT 08A and 08B versions.
- EEO-1102 (was 1-20ERN5) (WmEDI_6-5-2_Fix19)
In webMethods EDI Module 6.5.2, sun.io.MalformedInputException exception occurs when an ISO-8859-1 EDI stream is input to the generateFA service.
In webMethods EDI Module 6.5.2, when the wm.b2b.edi.util:generateFA service invokes the wm.b2b.edi:convertToValues service, the value of the 'encoding' pipeline variable is not passed properly to the wm.b2b.edi:convertToValues service. So the wm.b2b.edi:convertToValues service uses the default encoding value, 'UTF-8'. Exceptions occur while trying to decode the input stream using the 'UTF-8' encoding value.
This issue is resolved. The correct encoding value from the pipeline variable is now passed to the wm.b2b.edi:convertToValues service.
- EEO-1095 (was 1-20EASH) (WmEDI_6-5-2_Fix19)
webMethods EDI Module 6.5.2 does not correctly generate the UCF segment in the UNEDIFACT CONTRL messages.
In EDI Module 6.5.2, the wm.b2b.edi.util.FA.largeSvcs:processEDIFACTEnv service creates incorrect UCF02 and UCF03 elements for the CONTRL messages.
The issue is resolved. The UCF segment is generated correctly in the UNEDIFACT CONTRL messages.
- EEO-1104 (WmEDIforTN_6-5-2_Fix17)
In webMethods EDI Module 6.5.2, if the splitOption parameter in the EDI TPA is set to transaction level, the original EDI document received from a partner cannot be retrieved if the document is not processed completely.

In webMethods EDI Module 6.5.2, if the splitOption parameter in the EDI TPA is set to transaction level, the order of submission to Trading Networks of an EDI document containing multiple group segments and transaction sets is as follows:

- 1) Individual transaction sets
- 2) X12 groups
- 3) X12 envelope

If the Trading Networks server shuts down during document processing, since the document envelope is submitted last, the envelope is lost and you will not be able to retrieve the original EDI document received from your partner.

This issue is resolved by persisting the incoming EDI document before processing the transaction or group. Set the value of the new 'persistOriginalEnvelope' parameter in EDI TPA to 'true' if you want to store the original document in Trading Networks. After an EDI document is successfully processed, the related persisted original document is deleted from Trading Networks. The default value of the 'persistOriginalEnvelope' parameter is 'false'. If the 'persistOriginalEnvelope' parameter is set to 'true', EDI Module works as follows:

1. For any inbound EDI document, the envelope is first persisted in Trading Networks before processing the document.
2. The persisted document will have the following attribute values:
 - Processing Status = NEW
 - User Status = Original EDI Envelope
 - EDI Status = Persisted
3. If a document is processed successfully, that is, after all the transactions, groups, and the envelope of the document are processed, the additional document persisted before processing the document is deleted from Trading Networks.
4. If the document was not processed completely, the original document persisted in Trading Networks will not be deleted. Documents containing the attributes mentioned above identify documents that were not processed completely. You can resubmit these original documents to Trading Networks.

▪ EEO-2102 (WmEDI_6-5-2_Fix20)

In webMethods EDI Module 6.5.2, an error occurs while installing the VICS 4030 856 EDI document type using the EDI Module home page.

EDI Module throws the following error message when you try to install the VICS 4030 856 EDI document type using the EDI Module home page:

```
"VICS_4030_856 schema isn't set successfully. [FFP.0000.0027] Unable to parse Transaction set 856:
[FFP.0000.0014] Error parsing [FFP.0005.0000] record definition: TD1 [FFP.0000.0003] Error parsing validator
for element: 103; [FFP.0010.0001] Lengths in Partition segment do not match:
`25,31,76,79,94,BAG,CTN,MIX,PLT,SRW`"
```

The error occurs because the partition list for the 103 element is incomplete in the corresponding SEF file. This issue is now resolved by correcting the partition list for the 103 element in the SEF file for VICS 4030 856 document type.

4.3 Enhancements

▪ EEO-1067 (was 1-1ZEEUU)

B2B Reporting through IBM Cognos Business Intelligence

Previous releases did not offer a way to access predefined EDI reports. For example, to see a summary of EDI activity of a particular partner within a specified time period, you would need to create and run a query to obtain these details.

In this release, IBM Cognos 8 Business Intelligence is embedded within Software AG and serves as the reporting platform to build and render reports. This release provides a set of predefined reports as well as the ability to build custom reports based on data residing in the EDI database. You can “drill down” within each report for more details.

Predefined reports include summaries of EDI activity, FA reconciliation, partners who have not returned FAs, and partners with the most SLA violations. With the purchase of an additional license, you can also view summary reports of EDI activity and EDI volume by transport media.

- EEO-1068 (was 1-1ZEEYR)

EDI Configuration through My webMethods

EDI Module administration and configuration tasks were previously performed on the EDI Module Home page in the Integration Server. In this release, these tasks have been moved to My webMethods. This move enables you to access all Trading Networks and EDI Module configuration settings from a centralized location.

EDI Module specific permissions in My webMethods

Added the following functional permissions to grant access to Trading Networks functionality in My webMethods:

- Submit Documents to TN - to submit EDI documents to Trading Networks.
- Manage EDI Control Number Sequences - to manage (add, edit, delete) control numbers.

Added the following Trading Networks data permissions that you can assign to a role:

- Edit EDI Control Number Sequences - to edit the control number sequence associated with partner profiles in the data set.
- Edit EDI FA Status Attributes - to edit EDI FA Status attributes of the transactions in the data set.

- EEO-1069 (was 1-1ZEF29)

Control Number Management

Control number management tasks, previously handled on the EDI home page, are now performed in My webMethods.

In addition, previous releases required you to use internal IDs to set up control numbers. In this release, you can set up control numbers using partner names instead.

- EEO-1070 (was 1-1ZEF5O)

EDI Standards Framework

EDI standards framework enhancements include the following:

Functional Acknowledgment generation: This release offers better control in generating FAs for inbound EDI documents. Previously, the EDI Module determined whether or not to automatically generate an FA using a single TPA flag called *autoGenerate*. Additional FAGenerate EDITPA flags were created in this release that enable you to automatically generate FAs based on group type. Using these flags, you can control which group types for which you want EDI Module to generate FAs.

UNEDIFACT document support: In previous releases, the EDI Module only recognized the second part of the version release (for example, 3.1 and 4.1 were both considered release “1”). The EDI Module now supports and handles variations across all versions of the EDIFACT standard, conforms to the EDIFACT standard for sending FA messages, supports both EDIFACT envelope versions (UN11CS and UN41CS), and supports all EDIFACT syntax releases.

New algorithm for determining EDITPA: The EDI Module now uses a new algorithm to determine the EDITPA used to process the EDI document. The algorithm looks for a TPA with the agreement ID EDITPA for the Sender/Receiver of the given document. If one does not exist, the algorithm then looks for a TPA with the agreement ID of EDITPA whose Sender matches the sender of the current document and whose TPA Receiver ID is Unknown. If one does not exist, the algorithm then looks for a TPA with the agreement ID of

EDITPA whose Receiver matches the receiver of the current document and whose TPA Sender ID is Unknown. Finally, the algorithm uses the default TPA, where the Agreement ID is EDITPA and both the Sender and Receiver for the TPA are Unknown.

Encoding recognition enhancement

Presently, EDI Module uses the EDIEncoding parameter as the default character encoding to read inbound EDI documents received as streams. It checks for any unencodable characters in the first 20000 bytes of data and throws exception if any such characters are encountered and stops.

This feature enhances the way encoding is recognized by adding 2 new parameters,

- EDICheckEncodingLength - specifies the length of data to be tested for validating the encoding. User can specify this value to check for any unencodable characters that lies beyond default 20KB of data.
- EDIEncodingsToTry - specifies a comma separated list of character encoding to use in case encoding using the encoding standard specified by the EDIencoding parameter.

▪ EEO-1071 (was 1-1ZEHK5)

Support for VDA Standard

This release of EDI Module uses the new framework to support the VDA standard with regard to parsing, conversion, and control number verification.

▪ EEO-1074 (was 1-1ZGL21)

EDI TPA Enhancements

New Activity Log entries are now made in the following circumstances:

- Logging EDI TPA usage: When an EDI document is processed, an Activity Log entry is created to indicate the EDITPA that was used to process the document. The entry is associated with all interchange, group, and transactions documents.
- Logging all TPA changes: When the configuration property *tn.tpa.EnableLogTPA* is set to true, any changes that are made to a TPA and saved are recorded in the Activity Log. The Activity Log entry specifies when the TPA was created or revised and by whom, describes which parameters changed, and identifies the sender, receiver, and agreement ID.

▪ EEO-1075 (was 1-1ZGL41)

Manual Acknowledgment of FAs

Users with "Edit EDI FA Status" data level security permission can manually change the FA status for an EDI document that did not receive any acknowledgments on the My webMethods Transaction Details page.

▪ EEO-1076 (was 1-1ZGL7K)

Batching Enhancements

The EDI document batching feature has been enhanced in three ways:

- Configurable batching: During the creation of an outbound batched document, collections and sub-collections can now be identified based on a defined list of fields from the TPA. To support this feature, a new record has been added to EDITPA called BatchCriteria. This record enables users to specify which of the interchange and group header fields should be used to identify collections and sub-collections to generate the batched document.
- Splitting batched documents into groups and transactions: By default, batched documents are not split into group and transaction documents. A new input parameter, *processOutput*, has been added to the batching service *wm.b2b.edi.tn.batch:batchProcess*. If this parameter is set to true, the batched document is split into group and transaction documents on the My webMethods Transactions page.
- Relationships: Trading Networks now shows a relationship between EDI batched documents and the individual documents that were used to create them. The name of this relationship is "EDI Batch."

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.

- The *webMethods EDI Module Installation Guide* and the *webMethods EDI Module User's Guide* were merged into a single document, the *webMethods EDI Module Installation and User's Guide*.
- Some EDI Module features previously accessed using the EDI Module Home page have been deprecated in this release, and their functionality moved to the My webMethods user interface as described in [4.6 Deprecated Items](#). Where applicable, the *webMethods EDI Module Installation and User's Guide* includes procedures that describe how to perform tasks in both interfaces.
- Included a chapter for generating reports in both *webMethods EDI Module Concepts Guide* and *webMethods EDI Module Installation and User's Guide*.
- The *webMethods EDI Module Built-In Services Reference* was reorganized to list services by folder within the WmEDI and WmEDIforTN packages.
- EEO-1077 (was 1-1ZGLB4)
Flexible EDI Document Definition and Attribute Extraction
The Trading Networks Console now allows users to create EDI document types and define attributes with extraction queries. Users who select to create a new EDI document type can also select the standard, version, and transaction type of EDI document type and specify queries for custom attributes and for the system attribute conversation ID, similar to the queries that can be defined for XML document types. For VDA document types, users can also specify queries for the SenderID and ReceiverID attributes.

4.5 Terminology Changes

None.

4.6 Deprecated Items

Deprecated Item	Description
EDI Home Page: Configure Properties	This link has been deprecated from the EDI Module Home page. The same functionality is now provided in My webMethods.
EDI Home Page: Configure Field Formats	This link has been deprecated from the EDI Module Home page. The same functionality is now provided in My webMethods.
EDI Home Page: Install TN Document Types	This link has been deprecated from the EDI Module Home page. The same functionality is now provided in Trading Networks Console.

EDI Home Page: Submit Test EDI Data	This link has been deprecated from the EDI Module Home page. The same functionality is now provided in My webMethods.
EDI Home Page: Add External ID Types	This link has been deprecated from the EDI Module Home page. The same functionality is now provided in My webMethods.
EDI Home Page: Manage Control Numbers	This link has been deprecated from the EDI Module Home page. The same functionality is now provided in My webMethods.
EDI Home Page: Create FA Reports	This link has been deprecated from the EDI Module Home page. The same functionality is now provided in My webMethods.
EDI Home Page: List FA Reports	This link has been deprecated from the EDI Module Home page. The same functionality is now provided in My webMethods.

4.7 Added, Removed, Deprecated, or Changed Built-in Services

Added Service	Description
wm.b2b.editn.util:updateVDAEnvelope	Updates the trailer record in a VDA document with correct record counts in the corresponding control number fields.
wm.b2b.editn:getTransactionSetDetail	Extracts transaction set details from the output of the service wm.b2b.editn:getICDetail. Previously, the output of the service wm.b2b.editn:getICDetail contained an IData list (in the editn_env variable), but it did not include the transaction set details. This new service can be used to extract the transaction set details and place them into the editn_env IData list.

4.8 Added, Removed, Deprecated, or Changed APIs

None.

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, useful resources, online discussion forums, and more.

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