

webMethods Trading Networks 10.0 and webMethods Optimize for B2B 10.0 Readme

April 2017

This is an Innovation Release. Innovation releases have a much shorter support cycle than standard releases. To learn more, please visit <http://empower.softwareag.com/innovationrelease/>.

This file contains important information you must read before using webMethods Trading Networks 10.0 and webMethods Optimize for B2B 10.0. You can find system requirements, user documentation, and installation and upgrade instructions on the [Documentation website](#) or the [TECHcommunity website](#). At those locations, you can also find the suite-related security and globalization information.

Included in this file is information about functionality that has been added, removed, deprecated, or changed for this product. Deprecated functionality continues to work and is supported by Software AG, but may be removed in a future release. Software AG recommends against using deprecated functionality in new projects.

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1.0 Critical Information

This section lists any critical issues for the current release that were known when this readme was published. For critical information found later, go to the Knowledge Center on the [Empower website](#).

2.0 Known Issues

This section lists any issues for the current release that were known when this readme was published. For known issues found later, go to the Knowledge Center on the [Empower website](#).

3.0 Usage Notes

This section provides any additional information you need to work with the current release of this product.

- Using the My webMethods Server database as a JMS provider is removed. My webMethods Server now uses Universal Messaging Server as the JMS provider to optimize the performance of a My webMethods Server cluster. Therefore, while upgrading to Trading Networks 10.0, ensure that you configure the Universal Messaging Server as a JMS provider. Otherwise, the Partner Onboarding and Functional Permissions functionalities in Trading Networks may not work properly.

4.0 Fixes Included in Each Release

This section lists the latest fix level that has been included in each release for each product component. A release is listed in this section only if changes occurred in that release. Go to the Knowledge Center on the [Empower website](#) for detailed information about fixes.

Trading Networks

Release 10.0

- TN_9.12_MWS_Fix2
- TNS_9.12_Fix2
- TN_9.10_MWS_Fix2
- TNS_9.10_Fix3
- TN_9.9_MWS_Fix4
- TNS_9.9_Fix5
- TN_9.8_MWS_Fix5
- TNS_9.8_Fix7
- TN_9.7_MWS_Fix10
- TNS_9.7_Fix10
- TN_9.6_MWS_Fix6
- TNS_9.6_Fix10
- TN_9.5_SP1_MWS_Fix6
- TNS_9.5_SP1_Fix12
- TN_9.0_SP1_MWS_Fix8
- TNS_9.0_SP1_Fix9

Release 9.12

- TN_9.10_MWS_Fix2
- TNS_9.10_Fix2
- TNS_9.9_Fix3
- TN_9.8_MWS_Fix5
- TNS_9.8_Fix7

- TN_9.7_MWS_Fix9
- TNS_9.7_Fix9
- TN_9.6_MWS_Fix6
- TNS_9.6_Fix10
- TNS_9.5_SP1_Fix12
- TNS_9.0_SP1_Fix9

Release 9.10

- TN_9.9_MWS_Fix1
- TNS_9.9_Fix1
- TN_9.8_MWS_Fix3
- TNS_9.8_Fix5
- TN_9.7_MWS_Fix5
- TNS_9.7_Fix6
- TNS_9.6_Fix7
- TNS_9.5_SP1_Fix9

Release 9.9

- TN_9.8_MWS_Fix2
- TNS_9.8_Fix3
- TN_9.7_MWS_Fix3
- TNS_9.7_Fix3
- TN_9.6_MWS_Fix4
- TNS_9.6_Fix5
- TN_9.5_SP1_MWS_Fix6
- TNS_9.5_SP1_Fix7
- TN_9.0_SP1_MWS_Fix7

- TNS_9.0_SP1_Fix8
- TNS_8.2_SP2_Fix27

Release 9.8

- TN_9.7_MWS_Fix1
- TNS_9.7_Fix1
- TN_9.6_MWS_Fix3
- TNS_9.6_Fix3
- TN_9.5_SP1_MWS_Fix5
- TNS_9.5_SP1_Fix6
- TN_9.0_SP1_MWS_Fix6
- TNS_9.0_SP1_Fix6
- TN_8.2_SP2_MWS_Fix24
- TNS_8.2_SP2_Fix26

Release 9.7

- TN_9.6_MWS_Fix1
- TNS_9.6_Fix1
- TN_9.5_SP1_MWS_Fix3
- TNS_9.5_SP1_Fix4
- TN_9.0_SP1_MWS_Fix4
- TNS_9.0_SP1_Fix4
- TN_8.2_SP2_MWS_Fix22
- TNS_8.2_SP2_Fix25

Release 9.6

- TN_9.5_SP1_MWS_Fix1
- TNS_9.5_SP1_Fix1

- TN_9.0_SP1_MWS_Fix3
- TNS_9.0_SP1_Fix3
- TN_8.2_SP2_MWS_Fix19
- TNS_8.2_SP2_Fix22
- TN_8.2_SP1_MWS_Fix14
- TNS_8.2_SP1_Fix16

5.0 Other Resolved Issues

This section lists the issues that were resolved in each release but were not part of the fixes listed in the previous section. A release is listed in this section only if changes occurred in that release.

Trading Networks

Release 9.12

- OTN-16377
Inbuilt 'Unknown' document details in Trading Networks are changed using the import and export feature.
Exporting, modifying, and importing an 'Unknown' document results in a change of the document name.
This issue is resolved.
- OTN-16197
Inbuilt 'Unknown' partner profile details in Trading Networks are changed using the import and export feature.
Exporting, modifying, and importing an 'Unknown' partner profile results in a change of the partner profile name.
This issue is resolved.
- OTN-15070
In My webMethods: Administration > Partner Profiles > Delivery Settings > Suspend Delivery Schedule page, 'Time Zone' is not localized.
This issue occurs if localizations are not handled for 'Time Zone.'
This issue is resolved.
- OTN-15067
In My webMethods: Administration > Partner Profiles > Delivery Settings > Suspend Delivery Schedule page, 'Recurrence Pattern' is not localized.
This issue occurs if localizations are not handled for 'Recurrence Pattern.'

This issue is resolved.

- OTN-15045
In My webMethods: Administration > Partner Profiles > Delivery Settings page, the 'Status' icon tooltip is not localized.
This issue occurs if localizations are not handled for the 'Status' icon tooltip.
This issue is resolved.
- OTN-15044
In My webMethods: Administration > Partner Profiles > Delivery Settings > Suspend Delivery Schedule page, the 'Days' selection is not localized.
This issue occurs if localizations are not handled for the 'Days' selection.
This issue is resolved.
- OTN-15043
In My webMethods: Administration > Partner Profiles > Delivery Settings page, 'Suspend Delivery Schedule' is not localized.
This issue occurs if localizations are not handled for 'Suspend Delivery Schedule.'
This issue is resolved.
- OTN-15624
Updation or creation of a partner profile fails with the following error in the Integration Server log: [SoftwareAG][SQLServer JDBC Driver][SQLServer]Invalid column name 'LastModified'.
This issue occurs because the column name is not in Pascal.
This issue is resolved.
- OTN-15788
The Clear button is enabled before creating a certificate in the Certificates Tab under the Partner Profiles page.
The Clear button is enabled due to a CAF update.
This issue is resolved.
- OTN-15472
While using the Lookup of Address or Contact in Partner Profile an exception occurs.
When a user uses the lookup for Address or Contact in partner profile with TN database pointed to DB2, the following exception is displayed:
"Failed to evaluate binding expression: "#{ContactsPage.impactdPartners}"
This issue is resolved.

Release 9.8

- OTN-14125
My webMethods throws an exception when you view the details of a transaction that has an ebxml Envelope.
When you try to view the details of a transaction that has an ebxml Envelope, My webMethods throws an exception related to the content encoding not being supported. It is observed that the

content encoding value is enclosed in double quotes.
This issue is resolved.

- OTN-13995
Document attributes of type STRING that contain Chinese characters are not extracted properly. If a document attribute of type STRING contains Chinese characters, Trading Networks replaces the Chinese characters with special characters. This can be noticed when you view the details of the corresponding transaction in My webMethods.
This issue is resolved.

Release 9.7

- OTN-13217
The Original Sender and Original Receiver attributes in the Transaction Details section do not contain any values.
In My webMethods, the Original Sender and Original Receiver attributes displayed in the Transaction Details section are blank and do not contain any value. However, these values are present in the Trading Networks database.
This issue is resolved. The Original Sender and Original Receiver attributes now contain the external IDs of sender and receiver respectively.

Release 9.6

- OTN-12534
webMethods Module for EDI throws misleading error messages while creating EDI document types on Integration Server Administrator.
In Integration Server Administrator, when you try to create an EDI document type, a duplicate entry error is displayed, stating that the schema for the EDI document type already exists in the WmEDIforTN package. The error message is misleading because in reality, the EDI document type and the schema have been created successfully.
This issue is resolved.
- OTN-12519
Changing the Status of an email invitation from Inactive to Active results in a NullPointerException in My webMethods.
When you create an invitation to onboard new partners, My webMethods allows you to select the 'Send Invitation Immediately' and 'Set Reminder' options, and then save the invite and send it as an email at a later time by setting the Status to Inactive. When you are ready to send the email invite that has both these options selected, and you change the status from Inactive to Active, My webMethods throws a NullPointerException.
This issue is resolved.

6.0 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. A release is listed in this section only if changes occurred in that release.

Trading Networks

Release 9.12

The Trading Networks Webhelp is not available as a standalone document on the Empower website. The contents of the Trading Networks Webhelp are available in the B2B Integration compendium.

Release 9.10

The following procedural information has been added to the *webMethods Trading Networks Administrator's Guide*:

- Copying or Sharing Addresses
- Copying or Sharing Contacts
- Adding a Custom Immediate Delivery Method to a Profile
- Copying or Sharing Custom Immediate Delivery Methods

Release 9.9

The following conceptual and procedural information has been added to the *webMethods Trading Networks Administrator's Guide*:

- Database Partitioning
 - Partitioning Trading Networks Database
 - Using a partitioned database for archiving data
 - Deleting run-time and archived data from a partitioned database
 - Dropping tables from a partitioned database

Release 9.7

The following conceptual and procedural information has been added to the *webMethods Trading Networks Administrator's Guide*:

- Dashboards and Charts

- List of dashboards and charts
- Viewing dashboards and charts
- `tn.chart.fetchMaxRows` property

The following service has been added to the *webMethods Trading Networks Built-In Services Reference*:

- `wm.tn.purge:TransactionSummaryData`

Release 9.6

The following conceptual and procedural information has been added to the *webMethods Trading Networks Administrator's Guide*:

- Run-time events
 - Types of run-time events
 - Event properties to set in order to enable the run-time events
- Caching
 - Types of caches supported
 - Cache settings for the supported caches

7.0 Terminology Changes

A release is listed in this section only if changes occurred in that release.

8.0 Added, Removed, Deprecated, or Changed Items

This section lists functionality, controls, portlets, properties, or other items that have been added, removed, deprecated, or changed. A release is listed in this section only if changes occurred in that release.

Trading Networks

Release 9.12

Added Item	Description
Integration with ActiveTransfer	Trading Networks provides an ability to deliver documents through ActiveTransfer. Administrators can select ActiveTransfer as the delivery method in Trading Networks and set the end points that ActiveTransfer will connect with to transfer files.
Configure User Status	Administrators can configure user statuses and allow it to be set only from a predefined set of values.
Transport Status	Trading Networks allows you to search and view the status of a service for a delivery task.

Release 9.10

Added Item	Description
Reusability of Address, Contacts, and Delivery Methods.	Trading Networks allows you to reuse configuration items across multiple partners. The configuration items that are made reusable are address, contacts, and delivery methods.

Release 9.9

Added Item	Description
Suspending document delivery to a partner using suspension schedules	Trading Networks allows you to schedule a document delivery suspension to a partner. The delivery suspensions can be scheduled once, daily, weekly, monthly, or on a yearly basis.

Added Item	Description
Database Partitioning	Trading Networks database can be partitioned logically to separate one set of data from another. Database partitioning is useful especially when you archive data from production tables to archive tables because it provides the flexibility to perform operations at partition level.
Routing run-time events using Event Routing tn.portal.rule.preventValidation	Trading Networks supports run-time event notification using Software AG Event Routing. Whether to validate a processing rule name. Set this property to true or false. If the value is true, Trading Networks does not validate the processing rule name (allows special characters). If the value is false, Trading Networks validates the processing rule name and prompts you to provide a valid name.

Release 9.8

Added Item	Description
Dashboards and Charts	Trading Networks provides a set of dashboards and charts that give you a graphical view of the transaction volume and total value trend for a document attribute, summary of successful and failed transactions, and the late FA violations by partners.

Added Item	Description
Usability Enhancements	<p data-bbox="813 226 1110 258">Includes the following:</p> <ul data-bbox="862 285 1474 1077" style="list-style-type: none"> <li data-bbox="862 285 1474 552">• The keyword search criteria for Trading Partner Agreements (TPAs) based on agreement IDs has been added. This is in addition to the already existing search criteria based on sender name or receiver name. This is enabled on TPA page and Import/Export page for TPAs. <li data-bbox="862 579 1474 720">• On the Public Queues page, the option to save the searches as 'Public' or 'Private' has been added. Initially, all searches would be saved as Private. <li data-bbox="862 747 1474 972">• Import of Trading Networks assets functionality has been extended to include importing using a zip file. This is in addition to the already existing functionality that allows importing using a binary or an xml file. <li data-bbox="862 999 1474 1077">• Trading Networks maintains context sensitivity across all its screens.
Editing a TPA	<p data-bbox="813 1104 1479 1451">While editing a TPA, if another user tries to edit at the same time, Trading Networks ensures that data written by you is not over written by the other user and vice versa. While saving the TPA, Trading Networks ensures that you are working on the latest version of data, and notify you if another transaction has modified the TPA. In that case, you have to cancel the changes you have made, and reopen the TPA for edit.</p>
Document Attribute Added run-time event	<p data-bbox="813 1482 1422 1587">Trading Networks publishes this event when a new attribute is added to a document or an existing attribute in a document is updated.</p>

Added Item	Description
tn.eda.events.emittableDocumentAttributeNameFilter	Determines the set of document attributes for which Trading Networks will publish the Document Attribute Added run-time event. By default, Trading Networks publishes this event when Late FA document attribute is added or updated. To enable Trading Networks to publish this event for any other document attribute apart from Late FA attribute, set this property to a fully qualified custom java class. This class should include the set of document attributes apart from Late FA attribute that will enable Trading Networks to publish the event when the specified set of document attributes are added or updated.

Removed Item	Replacement
WmTNPki package	The WmTNPki package which provides functionality for using PKI profiles with Trading Networks has been deprecated. There is no replacement for the WmTNPki package.

Release 9.7

Added Item	Description
Dashboards and Charts	Trading Networks provides a set of dashboards and charts that give you a graphical view of transaction volumes of partners and the document types exchanged between partners.
tn.db.readonly	When Trading Networks points to a read-only database, set this property to true. If you set this property to false, Integration Server logs an SQL exception in the server log file. The default value is false.

Added Item	Description
tn.chart.fetchMaxRows	When the number of records in the dashboard table is less than or equal to the value set, My webMethods displays data in the form of dashboards and charts. When the number of records is greater than the value set, My webMethods throws an error when you access the Analytics link. By default, tn.chart.fetchMaxRows = 500000.

Deprecated Item	Replacement, if any
WmTNPki package	The WmTNPki package which provides functionality for using PKI profiles with Trading Networks has been deprecated. There is no replacement for the WmTNPki package.

Release 9.6

Added Item	Description
Run-time events	<p>Trading Networks publishes two types of run-time events:</p> <ul style="list-style-type: none"> • Transaction events - Occur when Trading Networks processes a document. • Task events - Occur when Trading Networks performs a post-processing task on a document.
Caching	<p>Trading Networks uses the caching capabilities of Ehcache to provide:</p> <ul style="list-style-type: none"> • Asset caching - Trading Networks uses Ehcache to cache assets. While the assets are in cache, Trading Networks can quickly retrieve them for similar requests, rather than getting the details from Trading Networks database. • Query results caching - Trading Networks uses Ehcache to store the results of a database query. It stores the number of rows you specify in a session object on the host Integration Server and stores the remaining rows in Ehcache.

Added Item	Description
tn.eda.events.transactions	Trading Networks publishes the following run-time events when you enable this property: Routing Rule Selected, Document Persisted, System Status Changed, User Status Changed, Verification, Validation, Alert Email, and Queue for Polling.
tn.eda.events.completedTransactions	Trading Networks publishes the Document Processing Complete run-time event when you enable this property.
tn.eda.events.deliveryTasks	Trading Networks publishes the following run-time events when you enable this property: Enqueued Document, Start Delivery, Send Document, Immediate Delivery Complete, and Batch Delivery Complete.
tn.eda.events.serviceExecutionTasks	Trading Networks publishes the Service Invoke run-time event when you enable this property.
tn.eda.events.userInitiatedTasks	Trading Networks publishes the following run-time events when you enable this property: Reprocess Document, Resubmit Document, Relate Documents, and Task Action.
Profile cache	Holds elements for profiles of all corporations who are trading partners in your network.
Profile Summary cache	Holds elements for all profile summaries. It is a subset of Profile cache.
Profile ID cache	Holds elements for the profile IDs of all profiles present in your network.
Document Type cache	Holds elements for all document types required for XML and flat files.
Document Attribute cache	Holds elements for all document attributes required to process documents.
Trading Partner Agreement (TPA) cache	Holds elements for trading partner agreements between various partners in your network.
TPA ID cache	Holds elements for the TPA IDs of all the trading partner agreements between various partners in your network.

9.0 Added, Removed, Deprecated, or Changed Built-In Services

A release is listed in this section only if changes occurred in that release.

Trading Networks

Release 9.12

Added Service	Description
wm.tn.transport:activeTransfer	Delivers documents using webMethods ActiveTransfer.
wm.tn.rec:activeTransferOutput	If a task uses the ActiveTransfer delivery service to deliver documents, use this IS document type to map the output from the delivery service.
wm.tn.doc:addConfigUserStatusList	Adds new user status values to the configured list of user status values.
wm.tn.doc:deleteConfigUserStatusList	Deletes user status values from the configured list of user status values.
wm.tn.doc:getConfigUserStatusList	Provides the configured list of user status values.

Release 9.9

Added Service	Description
wm.tn.archive:purgeBizdocUniqueKeysData	Purges data from BizDocUniqueKeys and ARCHIVE_BizDocUniqueKeys tables.
wm.tn.archive:purgeEDITrackingData	Purges data from EDITracking and ARCHIVE_EDITracking tables.

Changed Service	Description
wm.tn.rec:BizDocEnvelope	Four new fields have been added to BizDocEnvelope document type. <ul style="list-style-type: none">-VERSION_NO - Version of Trading Networks.-ReceiveSvc - For resubmitting the document. This is extracted from TN_parms/\$receiveSvc from the pipeline.-Comments - Comments associated with transactions.-Duplicate - Whether the document is duplicate or not. Valid values are true and false.

Release 9.8

Added Service

wm.tn.charting: populateSummaryData

Description

During migration, purges existing records from the dashboard tables, and populates records in the dashboard tables from runtime tables.

Changed Service

wm.tn.purge:TransactionSummaryData

Description

Modified the service so that it can purge records from the newly added dashboard tables. The dashboard tables include:

- TransactionSummaryData
- CustomAttributeVolumeValue
- TransactionSuccessFailedData
- SuccessFailedChartDocIdMap
- TransactionLateFADData

wm.tn.mime:createSignedAndEncryptedData
wm.tn.mime:createSignedData
wm.tn.mime:processEncryptedData
wm.tn.mime:processSignedData
wm.tn.mime:sign
wm.tn.mime:verify

profileAlias is an input parameter to these services. It is an alias of the PKI profile that contains the private key, signer cert, and certificates you wish to use to sign the message. However, the WmTNPki package which provides functionality for using PKI profiles with Trading Networks has been removed, and there is no replacement for the WmTNPki package. Hence, the *profileAlias* parameter has been removed from these services.

Release 9.7

Added Service

wm.tn.purge:TransactionSummaryData

Description

The time frame to consider before purging records from the TransactionSummaryData table. This service purges records starting from the first record up to all records present in the table n days prior to the current day, where n is the number of days you specify for the parameter.

10.0 Added, Removed, Deprecated, or Changed Parameters

A release is listed in this section only if changes occurred in that release.

Release 9.6

Added Parameter	Description
watt.WmTN.aclMap	Indicates whether Trading Networks maps the ACLs to the Trading Networks public services.
watt.WmTN.mwsMap	Indicates whether Trading Networks adds My webMethods roles related to Trading Networks to their respective ACLs.

11.0 Copyright Information

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12.0 Support

Visit the [Empower website](#) to learn about support policies and critical alerts, read technical articles and papers, download products and fixes, submit feature/enhancement requests, and more.

Visit the [TECHcommunity website](#) to access additional articles, demos, and tutorials, technical information, samples, useful resources, online discussion forums, and more.

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