
Version 6.2.0

MW Translator Release Notes



Document History

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MWT500-650	MW Translator Software Release Document	02/2010
MWT550-650	MW Translator Release Notes	07/2011
MWT600-650	Same as above	11/2011
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Overview

This Release Notes document provides a description of the MessageWay Translation Service (MW Translator) 6.2.0 release for use by implementors and end-user customers when planning future upgrades to their MessageWay systems. The release includes corrections for defects from previous releases as well as enhancements implemented.

MW Translator Components

To reiterate, MW Translator version 6.2.0 consists of the following components:

Component	Description
MW Translator Workbench	Configuration and test platform that runs on Windows and which includes a Windows version of the Translator Runtime Module (TRM).
MW Translator Operator Program	Runs on Windows and provides connection to various production target systems to upload configurations for the TRM. It also includes partner maintenance, control reference management and reconciliation query.
MW Translator Service and Translator Runtime Module (TRM)	Different versions run on various target platforms for production processing.

Operating System Support for MW Translator Workbench and Operator Program

As noted above, the MW Translator Workbench and Operator program can be installed on Windows systems only. The MW Translator Workbench and Operator Program version 6.2.0 are both supported on the following Windows versions:

- Servers - Windows Server 2008 and Windows Server 2012
- Workstations - Windows XP, Windows Vista, Windows 7 and Windows 10

Installing TRM to Support MessageWay Version 6.1

The MW Translator Service and TRM both run under the MessageWay Application Server and are part of the MessageWay Server installation for customers who purchase the translation option.

A 6.2 version of the TRM is included with this release to address issues that affect both the MW Translator Workbench and the MW Translator Service. The 6.2 version of the TRM is compatible with both the MW Translator Service version 6.1.0 and MessageWay Server version 6.1.0.

To install the TRM version 6.2 on a MessageWay Server version 6.1, follow these instructions. The installation varies depending on the system, Windows or UNIX/Linux.

IMPORTANT: You must perform the following instructions in order for MW Translator 6.2 to work correctly with MessageWay 6.1.

Installing on Windows

To install the TRM version 6.2 on a Windows MessageWay Server version 6.1, proceed as follows:

- 1) Logon to the application server as the owner of the MessageWay services.
- 2) Stop the MessageWay Translation Service.
- 3) Within <drive>:\Program Files (x86)\MessageWay\bin, rename 'trm.dll' to 'trm-61.dll'.
- 4) Copy file 'trm.dll' from the installation zip file and paste it into <drive>:\Program Files (x86)\MessageWay\bin.
- 5) Start the MessageWay Translation Service.

Installing on Unix/Linux

To install the TRM version 6.2 on a Unix/Linux MessageWay Server version 6.1, proceed as follows:

- 1) Logon to the application server as the owner of the MessageWay.
- 2) Stop the MessageWay Translation Service.
- 3) cd to /opt/messageway/bin and rename 'trm.so' to 'trm-61.so'.
- 4) Copy file 'trm.so' from the installation zip file and paste it into /opt/messageway/bin, securing accordingly.
- 5) Start the MessageWay Translation Service.

MW Translator Issues Resolved

The following issues for MW Translator have been resolved in this release.

Defects in Edibasic INSTR Function

[MWAY-126 & MWAY-2902] When there are less than 8 characters in the referenced element, the Edibasic INSTR function returns unpredictable results. Also, the Edibasic INSTR function does not return zero (0) when the string being searched for is longer than the string being searched. These problems have been fixed.

Data Explorer Dialog Window not getting selected when User Hits the “View Data Explorer” Icon

[MWAY-2342] The “View Data Explorer” icon button has no effect when the Data Explorer dialog window is already maximized. This problem has been fixed.

Outdated version of xsd2trn

[MWAY-3580] MW Translator versions 6.0 and 6.1 were shipped with an incompatible version of xsd2trn. This problem has been fixed.

Edibasic Operators Division & Modulus do not Function as Documented

[MWAY-3872] Edibasic provides two division operators (/ & \) and a modulus operator (mod), and none of them work as documented. This problem has been fixed. These operators have been changed to work as previously documented.

Importing a TRN has a 'Sequence Number' Size Limit of 32,767

[MWAY-3989] When importing TRN files into the Workbench, there is a 'sequence number' size limit of 32,767, resulting in 'Unable to insert row. Table: TRNDTL Error: 32770 is not a valid value for field Seq. The allowed range is -32768 to 32767'. For example, if a document definition contains more than 32,767 rows, it cannot be imported. This problem has been fixed. The new 'sequence number' size limitation is now 2,147,483,647.

Issue with Error Codes in X12 997

[MWAY-4147] Some 'Data Element Syntax' error codes are missing from cross reference tables used by the 997 to fill in AK4.03 error code element, resulting in empty AK4.03 being generated. This problem has been fixed.

Table Size Limitation when Copying X12 Standards

[MWAY-4306] When copying X12 standards, you may encounter 'Unable to insert row. Table: ELECOD table is full'. This happens when you have exceeded the 128MB table size limitation. This problem has been fixed. The new size limitation is now 1GB.

Multiple Workbench Instances Running on the same Machine can cause Database Corruption

[MWAY-4324] When more than one instance of the same version of the Workbench is running on the same machine, the database can become corrupted. This problem has been fixed. Checks have been added to prevent two instances of the same version of the Workbench from running on the same machine.

An Operator Program and Workbench Running on the same Machine can cause Database Corruption

[MWAY-4325] When an Operator Program and a Workbench of the same version are running on the same machine, the database can become corrupted. This problem has been fixed. Checks have been added to prevent both an Operator Program and a Workbench of the same version from running on the same machine.

Duplicate Control Reference Numbers being Generated

[MWAY-4327] The Enhanced Control Reference Processing sometimes generates duplicate control numbers. This problem has been fixed for UNIQUE validation/generation processing. In order to prevent duplicate control numbers with ONEUPN validation/generation processing, you must single thread the translations.

Import with Rename causes Copy Utility to Fail

[MWAY-4391] When an import with rename is performed on a transfer file which contains multiple definitions, the import will fail. This problem has been fixed by allowing a user to rename only the first definition in the Import Definitions window. If more than one definition needs to be renamed, the user will need to export the individual definitions and then use the import/rename option.

Access Violation when adding Elements to Segments or Segments to Documents

[MWAY-4392] User goes to a document definition, adds a row for a new segment to the document, selects the drop down box of existing segments and realizes that their segment is not in the list, so they select OK to back out of adding segment to document, and an access violation occurs. Same thing happens when adding elements to segments. This problem has been fixed.

Access Violation when Selecting a Standard Version Profile and Performing an Export from the Left-hand Pane of the Data Explorer

[MWAY-4394] User selects a Standard Version Profile from the left-hand pane of the Data Explorer and performs an export, and an access violation occurs. This problem has been fixed by not allowing user to export from left-hand pane of Data Explorer, which is the case elsewhere in the Workbench. The export must be done from the right-hand pane of the Data Explorer.

MW Translator Enhancements Implemented

The following enhancements to MW Translator have been implemented for this release.

Provide Support for Windows 10

[MWAY-4082] The Workbench and Operator Program are now compatible with Windows 10.

Increase Database Size Limits

[MWAY-4305] The following changes were made to increase various size limits in the Workbench/Operator Program database schema:

- The maximum size of all tables was increased from 128MB to 1GB.
- In the ELECOD table, the size of ECDesc column was increased from 80 to 255 characters.
- In the MAPCODE and MAPTRN tables, the size of MapName column was increased from 16 to 32 characters.
- In the PARACK, PRRELACK and STDIDACK tables, the size of AckProfName column was increased from 16 to 32 characters.

- In the PARACKPF and PARXLATE tables, the size of ProfName, MapName, WrapMapName and SumMapName columns were increased from 16 to 32 characters.
- In the PARATO, PRRELATO and STDIDATO tables, the size of TAProfName and AckName columns were increased from 16 to 32 characters.
- In the PARTA, PRRELTA and STDIDTA tables, the size of TAProfName column was increased from 16 to 32 characters.
- In the PARTAPF table, the size of ProfName column was increased from 16 to 32 characters.
- In the PARTAPRP, PRRELTAP and STDIDTAP tables, the size of TAProfName column was increased from 16 to 32 characters.
- In the XREFDTL table, the size of Output column was increased from 35 to 255 characters.
- In the TRNDTL table, the current limit of 32,767 characters for sequence numbers was increased to 2,147,483,647 characters.

Documentation Updates and Corrections

[MWAY-4331] Numerous updates and corrections were made to all the Workbench and Operator Program documentation.

No Longer Generating .SRV Files

[MWAY-4396] The Workbench and Operator Program will no longer generate .SRV files used by Edikit for NonStop. Since NonStop is no longer supported by MW Translator, there is no need to generate these files.

MW Translator Known Regressions

The following regressions to version 6.1 have been introduced in version 6.2.

Edibasic Variables Can Not Begin with REM

[MWAY-4368] REM has always been a reserved word in Edibasic to denote a comment, but as of version 6.2, Edibasic variable names can no longer begin with the characters REM. Any variable starting with REM will be flagged during the generate process as a compiler syntax error and will need to be changed accordingly.