

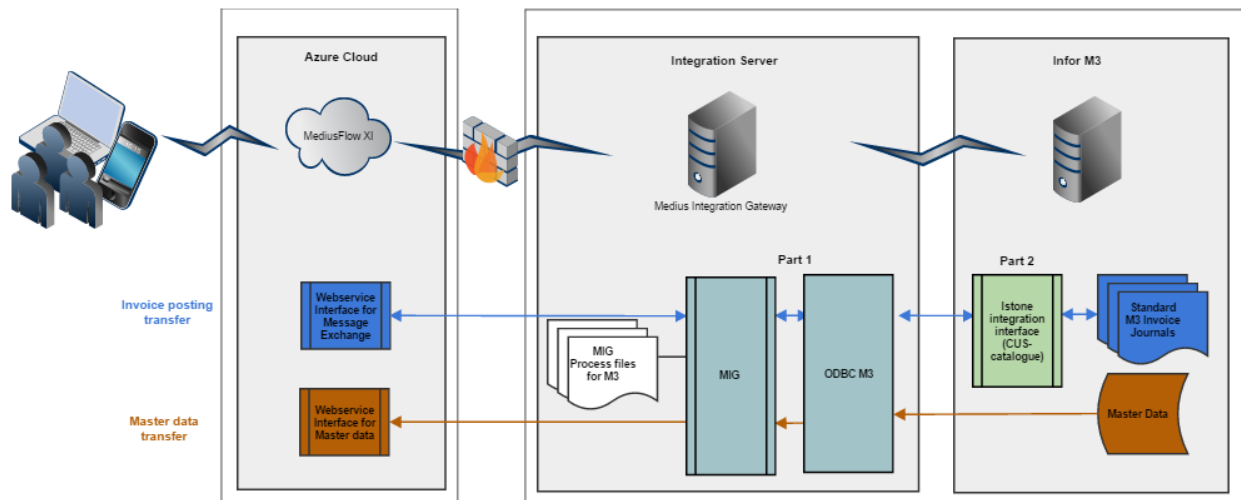
Infor M3 Integration - Product definition

This product definition was last updated November 25th, 2016.

1 Overview

Medius Integration module for Infor M3/Movex consists of two parts:

1. Medius Integration Gateway
 - a. Fetching master data from the M3 database to MediusFlow by ODBC.
 - b. Fetching invoice booking messages from MediusFlow that are sent into separate integration tables in the M3 database (integration partner tables).
2. Four new programs in the CUS environment in M3 and a new autojob (running in the M3 Auto Subsystem) is processing the input and returns response to MediusFlow through Medius Integration Gateway.



1.1 Version dependencies

M3 Version	Integration version	MediusFlow XI version	Comment
Medius integration module supports both RPG and Java versions of Movex/M3.	4.0	Cloud / W16 and later	
<p>Note: Running M3 on SQL Server is not supported by standard integration package. The integration package only supports running M3 on DB2 database.</p> <p>If the customer uses Microsoft SQL server for the M3 installation it has to be handled as Time&Material in the project. No upgrades can be offered from the standard integration if this is installed and manually configured and customized.</p>			

1.2 Integration Package Content

The Integration package includes the following for Medius Integration Gateway (MIG):

- Configuration files for the M3 integration

The Integration package includes the following for M3:

- Partner iStone's integration interface in M3/Movex database

2 MediusFlow modules & functions

Below you find a summary of the MediusFlow applications that are included in Infor M3 integration standard package.

Information in column "**Basic Setup**" means that the feature/functionality is included in the basic deployment and is based on Best Practices.

Information in column "**Custom Setup**" means further information about the customer's processes and system(s) setup is required in order to implement and thus requires additional consultant configuration work.

MediusFlow module	Basic setup	Custom setup	Comment
Invoice	YES		Preliminary, cancel and final posting
Match	YES		Preliminary, cancel and final posting
Procurement	NO	YES	Match invoice against Goods receipt of Purchase order created in MediusFlow Procurement module. Postings of these invoices are done in the same way as general expense invoices in M3
Contract	YES		Contract based invoice is posted as expense.

3 Master Data

Below you find a summary of the different master data entities.

Master Data Entity	Basic Setup	Custom Setup	Description	Limitations
Company	NO	NO	Company/division codes in Movex/Infor M3 are manually added in MediusFlow Master data is transferred both from blank and local division for a company	
Currency codes & rates	YES		Currency rates are calculated using currency factor during transfer	Currency codes for one currency rate type is fetched Currency rates are fetched based on currency and start

Master Data Entity	Basic Setup	Custom Setup	Description	Limitations
			Rates from last 4 years are imported	date. If the customer sets rates both on blank division and local division it should be done with the same date.
G/L Accounting identities	YES		All G/L Accounting identities are fetched as the union of accounting identities on blank and local division(s)	
Accounting Dimensions & Accounting rules	YES		Support for 1 up to the 7 dimensions in M3. Accounting rules are used for example for coding of cost of goods and deviations	The management of stat (statistical) dimensions are not supported
Cross Account Reference Check	YES		Includes the following validations: Required, Forbidden, Range (interval)	No support for validations on different VAT codes
VAT codes	YES		VAT- codes are fetched as union between blank and local division VAT percentages are fetched from the current year	The vatcode percentage needs to be specified in the same division as tax code Vat-codes are not supported for different base countries
Payment terms	YES		Transfer of Payment Terms to be able to calculate due date on invoice Payment terms is read for one language	Support for Number Of Free Months 0 or 1 only
Suppliers	YES		Suppliers are transferred Ledger and VAT Account on supplier are configurable on the Accounting rule in M3 Requires valid payment term & VAT Code to transfer	Due to the flexible structure in M3 the following information is not transferred: City, email, fax, address, telephone, zip and bank account
Supplier Item numbers	YES		Items are transferred for active suppliers and where the item is defined with supplier item number, to be used as a cross	There exists no indication on if the item is direct or indirect

Master Data Entity	Basic Setup	Custom Setup	Description	Limitations
			reference to connect invoice lines versus PO lines	
Purchase orders	YES		Purchase orders and purchase order lines are fetched Uses confirmed discount price if exists, otherwise regular discount price Uses confirmed unit price if exists, otherwise regular unit price PO:s from last 2 years are imported	Conversion factor is not supported
Goods receipts	YES		Goods receipt lines that are not fully invoiced are transferred to be able to match an invoice in MediusFlow In standard goods receipt lines with status 70-80 are fetched	
Base country	NO	YES	Because of different ways of using this functionality in M3 it is not supported in the standard integration package and needs to be handled as Time&Material in the project	

4 Message Exchange

Below you find a summary of the different invoice posting scenarios supported

Posting scenarios	Basic setup	Custom setup	Description
Preliminary posting	YES		Preliminary posting of invoice
Final posting	YES		Final posting of invoice
VAT on line level (VAT module in MediusFlow)	YES		VAT on line level can not be used in combination with Preliminary Posting
Override VAT code on supplier	YES		Only valid when preliminary posting is used

Posting scenarios	Basic setup	Custom setup	Description
			MediusFlow can be configured to use VAT code on coding line level to override VAT code on Supplier. Investigation is needed in customer Project
Cancellation of preliminary posted invoice	YES		Cancellation posting of preliminary posted invoice sent to M3 to automatically cancel the invoice in M3
Period Management	YES		Use of Period module in MediusFlow to handle open/closed accounting periods Open periods are setup manually in MediusFlow, not fetched from M3
Period accounting	YES		MediusFlow will send posting lines containing the amortization information in the Final posting booking based on Accrual Templates manually created and used in MediusFlow
Actual payment date sent to MediusFlow	YES		Finally posted invoices in MediusFlow will be updated with the actual payment date for the invoice in M3 once the invoice is paid
3-way matching	YES		It is not supported to use more than one Coding Event for cost coding and one Coding Event for deviations. Item charges are not supported Item charges are extra charges on the item row which are not being goods receipt Not to be confused with subrows (PNLS) on Purchase Order Lines when changes are made to an order line which generates one or more subrows with for example different confirmed delivery dates
2-way matching	NO		Not supported because integration requires a goods receipt to match against when posting the PO invoice in M3
Invoice match with return orders (negative receipt lines)	NO		Matching on negative lines not included
Contract based invoice (Contract module)	YES		Invoice is posted as Expense invoice in M3
Procurement invoice (Procurement module)	NO	YES	Invoice is posted as Expense invoice in M3
Adjustment requests with block and release payment message	NO		Adjustment request module is not included
Post invoice image url to M3	NO	YES	The customer can create a document link to the invoice in MediusFlow with an URL inside M3

4.1 Regional support

The integration package is used by customers in about 20 different countries worldwide.

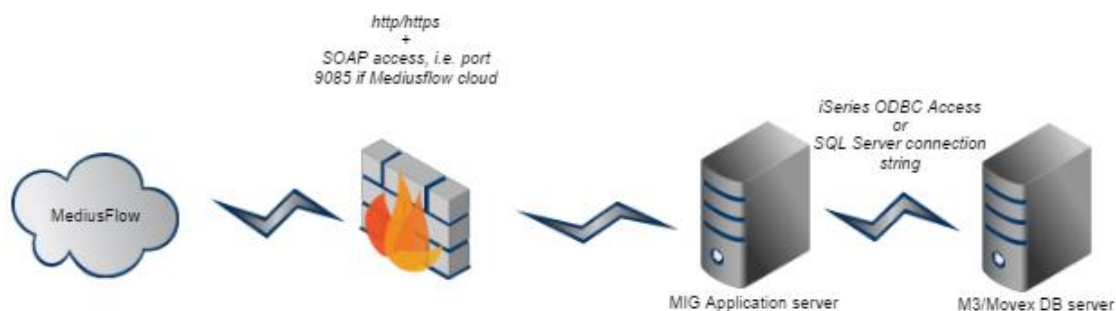
Outside Sweden in countries where there is a demand to specify VAT on line level, only Final posting is supported (no preliminary posting of the invoice)

5 M3 Integration Requirements

In addition to the Technical Requirements for MediusFlow, these are M3 Integration specific requirements to be able to deploy, configure, and troubleshoot integrations to MediusFlow.

An **integration server**, set up by customer to host the Medius Integration Gateway (MIG) application, **is required**.

The technical requirements for this server is described in the General Integration Requirements for MediusFlow.



5.1 Network communication

It's crucial that the M3 database is made connectable from the integration server. This is done for both fetching masterdata and sending postings. M3/Movex access requires

- If AS/400; iSeries ODBC Access driver installed on the integration server.
 - This driver is a licensed driver package and not part of MediusFlow delivery.
- Database user access for reading masterdata from M3.
- That same user should also have insert/update/delete-access to the istone interface tables XEHEAD and XELINE (and XEINVM if Movex RPG)
- M3 application access from the MIG Server (e.g. SmartOffice client)

5.2 Partner access within M3/Movex

The iStone interface is installed in the M3/Movex database (If Java: within the CUS-schema, if RPG: MFLOWTEST/MFLOWPROD is installed). This is done through standard M3 MAK/LCM access if Java or MVXSECOFR/Superuser if RPG. Also iStone will need VPN access to the customer network in order to install the interface.