

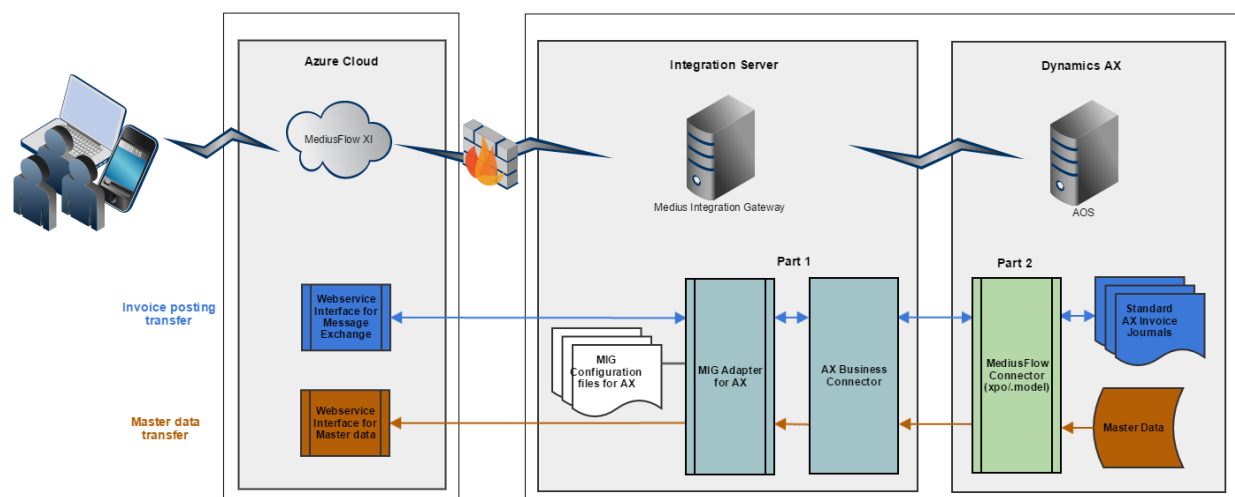
AX Integration - Product definition

This product definition describes the content of the AX integration package and the supported functionality. This product definition was last updated March 1st, 2016.

1 Integration Overview

This solution consists of two parts. One part is an adapter for Medius Integration Gateway (MIG), our integration engine. The other part is a xpo package (AX2009) or ax.model file (AX2012) that is imported into AX with custom objects. The solution makes it possible to transfer master data (such as suppliers, accounts e.t.c.) from AX to MediusFlow. It also makes it possible to transfer invoice data from MediusFlow to AX where the invoice data is handled automatically inside AX. Once the posting is done AX will also return a voucher or error message to MediusFlow.

Below is a picture of the whole system with the two parts of the solution marked as part 1 and part 2.



- **Part 1**
 - Code written in C# .NET
 - Extends the .NET Business Connector to communicate with AX
- **Part 2**
 - Provided as an xpo (AX2009) or .model (AX2012 R 2/3) file
 - Code written in x++
 - Consists of AX objects
 - Custom views containing master data, which *Part 1* uses to fetch master data
 - Custom classes which *Part 1* uses to automatically handle invoices

1.1 Version dependencies

AX Version	Integration Version	XI Version	Comment
AX2009 (5.0.x.x), AX2012 R2 (6.2.x.x), AX2012 R3 (6.3.x.x)	5.6	Cloud / W16 or later	Possible to downgrade to support Seasonal Release Version W15 but with some limitations in functionality.

1.2 Integration Package Content

The Integration package includes the following for Medius Integration Gateway:

- Custom adapter that extends the AX Business Connector to connect to an AX AOS
- Configuration files for the AX integration

The Integration package includes the following for AX2009:

- XPO file
- label files

The Integration package includes the following for AX2012 R2/R3:

- ax.model file

2 Master Data

Master Data Entity	Supported	Description	Known Limitations
Company	NO	Companies must be manually added in Mediusflow, they are not automatically created when added in AX.	
Currency rates	YES	Current Currency Rates are transferred	
G/L Accounts	YES	All G/L accounts are transferred. Will be set to inactive if status is "Blocked" or "Do not allow manual entry" is set.	
Dimensions	YES	Support for a maximum of 10 dimensions excluding the G/L account.	If the Project module is used, only 8 dimensions is supported as the Project category and Line property allocates 2 dimensions in MediusFlow.
Dimension validations in AX2009	YES	Support for the following dimension validations: Optional, To be filled in, and Fixed	No support for the following dimension validations: Table, List, or Default

Master Data Entity	Supported	Description	Known Limitations
Dimension validation and Account structures in AX2012 R2/R3	YES	Support for Fixed default values set on the G/L Account and Account structures stated as <i>All values Allowed</i> and <i>Allow blanks</i> .	<p>Not Fixed (default) values will not be transferred to Mediusflow.</p> <p>No support for Specifying which values are allowed, but it can be achieved in most cases by setting up equivalent Authorizations groups in MediusFlow.</p>
Fixed Assets	YES	Fixed Assets are available in the the first coding segment with a prefix "A."	Transaction type for Acquisition adjustments are set in MediusFlow Parameters, only one type can be selected for all Fixed asset transaction.
Projects	YES	Projects are available in the the first coding segment with a prefix "P."	<p>Dimensions set on the Project will be visible but not editable.</p> <p>All project categories that are transferred will be available to select.</p> <p>Default Line property is not transferred</p>
Project Category	YES	Expense type categories are transferred.	
Line Property	YES	All Line properties are transferred.	
Accrual Schemes	YES	The user selects a start date and Accrual identification when coding the invoice.	
Tax Groups	YES	Tax groups with references to Tax codes are transferred	
Item Tax Groups	YES	Item tax groups with references to Tax codes are transferred	
Tax Codes	YES	Tax Codes are only available in user interface when a G/L Account flagged as a VAT account is selected.	
Payment Term	YES	Transfers all payment terms to be able to calculate due date on invoice.	Currently only support for the Payment method "Net".
Supplier	YES	All Suppliers are transferred to MediusFlow	Requires default Tax group/Item tax group and payment terms to transfer.
Suppliers Item numbers	YES	Item table for cross reference in connection between PO lines	

Master Data Entity	Supported	Description	Known Limitations
		and invoice lines. Transferring suppliers item number when primary vendor is set.	
Purchase orders	YES	Integration will transfer Purchase orders and purchase order lines for POs that are approved or confirmed as long as the lines are not canceled or invoiced.	
Goods receipts	YES	Integration will transfer Goods receipt lines that are not fully invoiced.	
Misc Charge Codes	YES	Available to use in Mediusflow in G/L account field	

3 Message Exchange

Posting scenarios	AX2009	AX2012R2/R3	Description
Preliminary and final postings sent from Mediusflow.	YES	YES	Postings done via Initial registration and Invoice approval Journals Tax will be lifted at time specified by the configuration in Accounts Payable Parameters.
Cancellation of registered invoices	YES	YES	Cancellation done via Invoice approval Journal
Only Final Postings sent from Mediusflow	YES	YES	Posting done via Invoice Journal
Accrual posting	YES	YES	Possible to split costs over several periods using AX Accrual schemes. The Split over periods is not visualized in MediusFlow,
Period management	YES	YES	Possible to move to next open period including considering Module statuses. This is defined in AX and will not be reflected in the Posting date stored in Mediusflow.
3-way matching	YES	YES	
2-way matching	NO	NO	Integration requires a goods receipt to match to when posting the PO invoice in AX.
Dynamic match	YES	YES	
Agreement invoices	YES	YES	In package 6.0, earlier as customization
Procurement invoices (support for Procurement module)	NO	NO	

Posting scenarios	AX2009	AX2012R2/R3	Description
Invoice match with return orders (negative receipt lines)	YES	YES	
Adjustment requests with block and release payments	NO	NO	Not currently supported to send a payment block on original invoice.
Actual payment date update sent to MediusFlow	NO	NO	
Add link to Invoice document in AX	YES	YES	Uses AX standard document management framework to attach a URL link to the Invoice Journal and Vendor transaction.