

# MediusFlow File eXchange (FX) - Product Definition

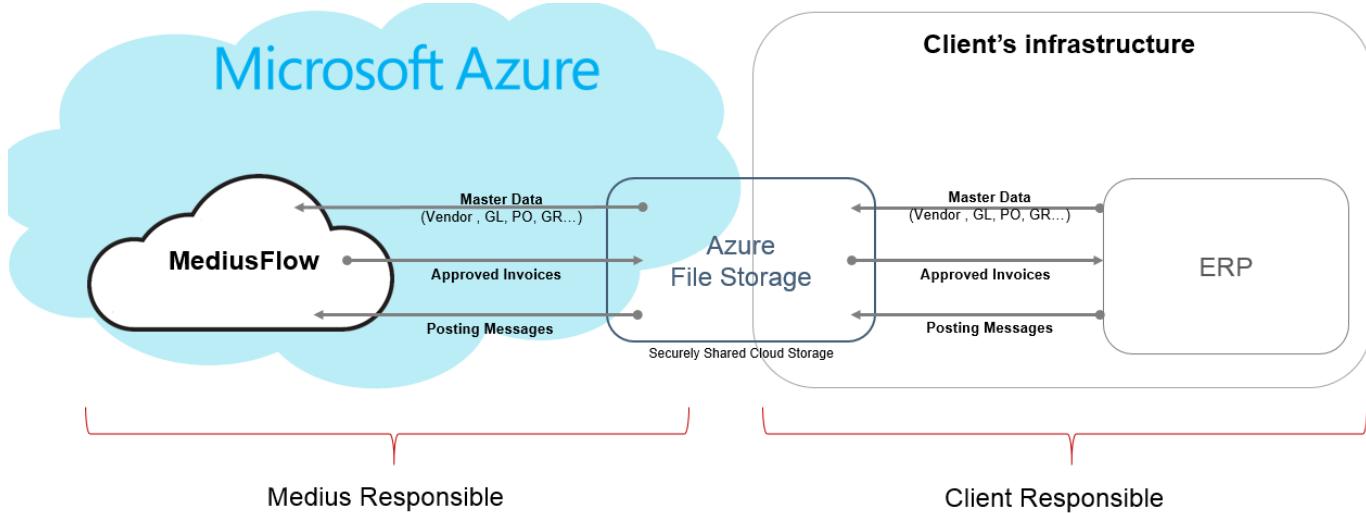
## Integration Overview

MediusFlow FX (File eXchange) is a standardized file exchange integration between MediusFlow XI and any ERP.

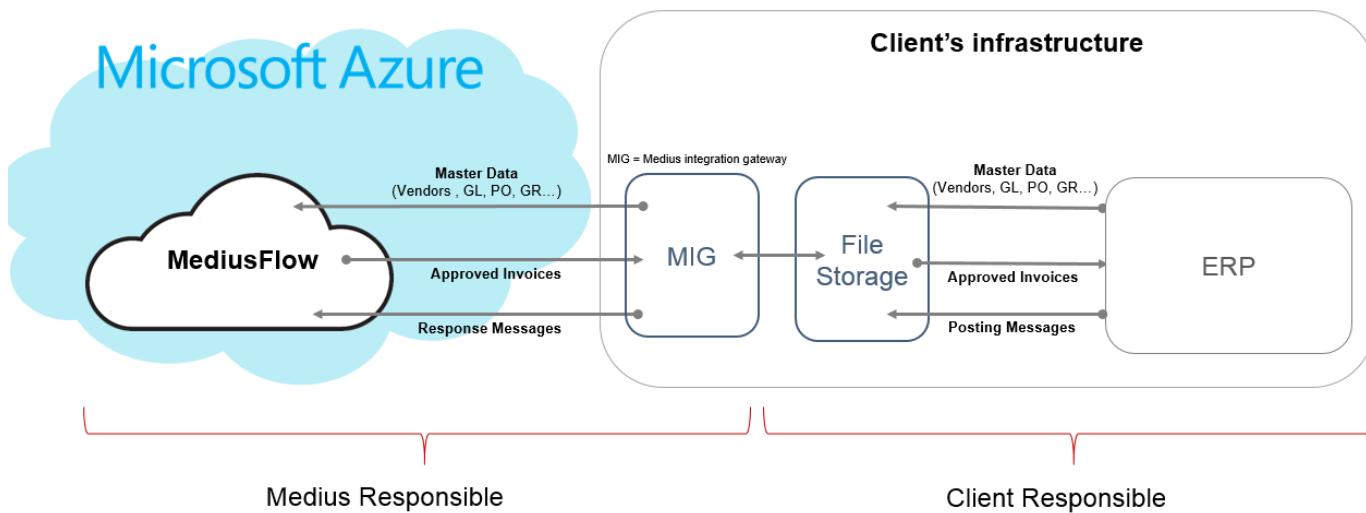
The integration uses shared file folders for master data import and message exchange for invoice postings and a service for API integration calls to MediusFlow XI.

MediusFlow FX integration is delivered either as a cloud service with shared folders using Azure File Storage or by using Medius integration software (MIG) which is deployed on servers provided by the customer and a folder structure for file exchange using the infrastructure of the customer.

### MediusFlow FX using Cloud service and Azure File Storage



### MediusFlow FX using MIG and local file repository



## Responsibilities

- MediusFlow FX provides an out of the box integration approach using pre-defined file formats
- Client responsibility
  - Client is responsible for generating master data files in the format and folder structure specified by Medius
  - Client is responsible for picking up invoice posting files in the format and folder structure specified by Medius and facilitate the posting into the ERP
  - Client is responsible for generating invoice posting response messages (voucher or error) in the format and folder structure specified by Medius
- Medius responsibility
  - Medius is responsible for picking up master data files provided by the customer
  - Medius is responsible for providing invoice posting files
  - Medius is responsible for picking up posting response messages provided by the customer

## Version Dependencies

File Integration package Version	MediusFlow XI version	Comment
MediusFlow FX 1.0	Public Cloud	

## MediusFlow Modules & Functions

Below you find a summary of the MediusFlow modules that are included in MediusFlow FX integration standard package.

Information in column "**Basic Setup**" means that the feature/functionality is included in the basic deployment and is covered in standard Statement of Work for the implementation project.

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		MediusFlow module for managing expense invoices including credit notes  Includes message exchange for final posting only
Match	YES		MediusFlow module for managing order based invoices and 3 way match against goods receipts. 2-way match not supported in MediusFlow FX offering
Dynamic Match	NO	YES	
Procurement	NO	YES	
Contract	NO	YES	

## Master Data

Below you find a summary of the different master data entities supported in the FX integration offering

Master data entity	Basic Setup	Custom Setup	Description	Known Limitation
Company	YES			Import of master data using virtual company structures is not supported
Currency codes & Currency rates	YES			
GL Accounts	YES			

Dimension values	YES			
Dimension restrictions	YES			
Tax groups & codes	YES			Only support none or one tax indicator (Tax Indicator 1). Use of multiple tax indicators requires full xml formats and additional design work
Payment terms	YES			Does not support complex payment terms such as 20 days from 1st of next month. Only supports straight number of days.
Suppliers	YES			
Supplier items	YES			
Purchase order with goods receipt	YES			
Return orders	NO	YES		
Asset management	NO	YES		
Project module management	NO	YES		

## Message Exchange

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

Posting scenarios	Basic Setup	Custom Setup	Description
Preliminary posting of invoices	NO	YES	Only header level data
Final posting of expense invoice	YES		
Accrual postings	NO	YES	
Final posting of PO invoice with match against GR	YES		
Invoice match with return orders (negative receipt lines)	NO	YES	
Actual payment date update sent to MediusFlow	NO	YES	
Possibility to add link to Invoice document in ERP	NO	YES	

## File Integration Requirements

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

## Using Azure service method

- Azure file storage - for sharing of files

## Using MIG method

## General Integration Requirements



These are general requirements to be able to setup integrations with Mediusflow.

Customer is responsible to set up the integration server to fulfil these requirements.

## Integration Server

The ERP integration needs to send and fetch data to/from the ERP system. To do this there is a need to setup a Medius Integration Client in the local network (on premise at customer) that performs the data exchange between MediusFlow Cloud and the ERP system. The Medius Integration Client is a Windows application that can be installed on any server fulfilling the following requirements:

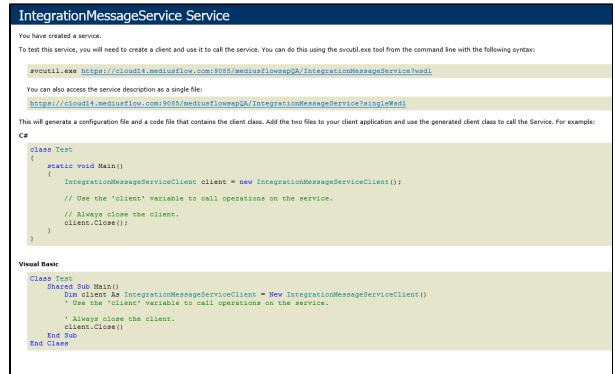


Integration server can be shared with other applications but the requirements below are for the Medius Integration Client only and does not take requirements for such application into consideration.

Component	Requirement
OS	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2
CPU	2 GHz
RAM	4 GB
Disk	2 GB

## Access

Access	Comment
VPN	VPN credentials to integration server
Server account	Administration rights on integration server
ERP access	ERP credentials and access to ERP server/services from integration server

MediusFlow XI	<p>Integration server needs to have access to MediusFlow XI SOAP services.</p> <p>Cloud environment</p> <ul style="list-style-type: none"> <li>• Port 9085 for outbound traffic</li> <li>• For general security-related topics (e.g. IP addressed used by mediusflow.com) please refer to <a href="#">MediusFlow XI Cloud - Security</a></li> </ul> <p>On premise</p> <ul style="list-style-type: none"> <li>• Network communication between the Integration Server and the Mediusflow server</li> <li>• Default port: 19308 (could be different in your project)</li> </ul> <p>Verify access on <a href="https://cloud.mediusflow.com:9085/mediusflowIBSA/IntegrationMessageService">https://cloud.mediusflow.com:9085/mediusflowIBSA/IntegrationMessageService</a></p> <ul style="list-style-type: none"> <li>• You should get this picture in the web browser,</li> </ul> 
FTP	<p>Medius Consultants to transport deployment files to the Integration server</p> <p>Port 21 need to be opened for outbound traffic</p>

For Cloud environment: In addition, these ports need to be open in the customer firewall for the Medius Integration Client:

Binding	Connectivity mode	Port
WSHttp2007RelayBinding	HTTPS, outbound	9085

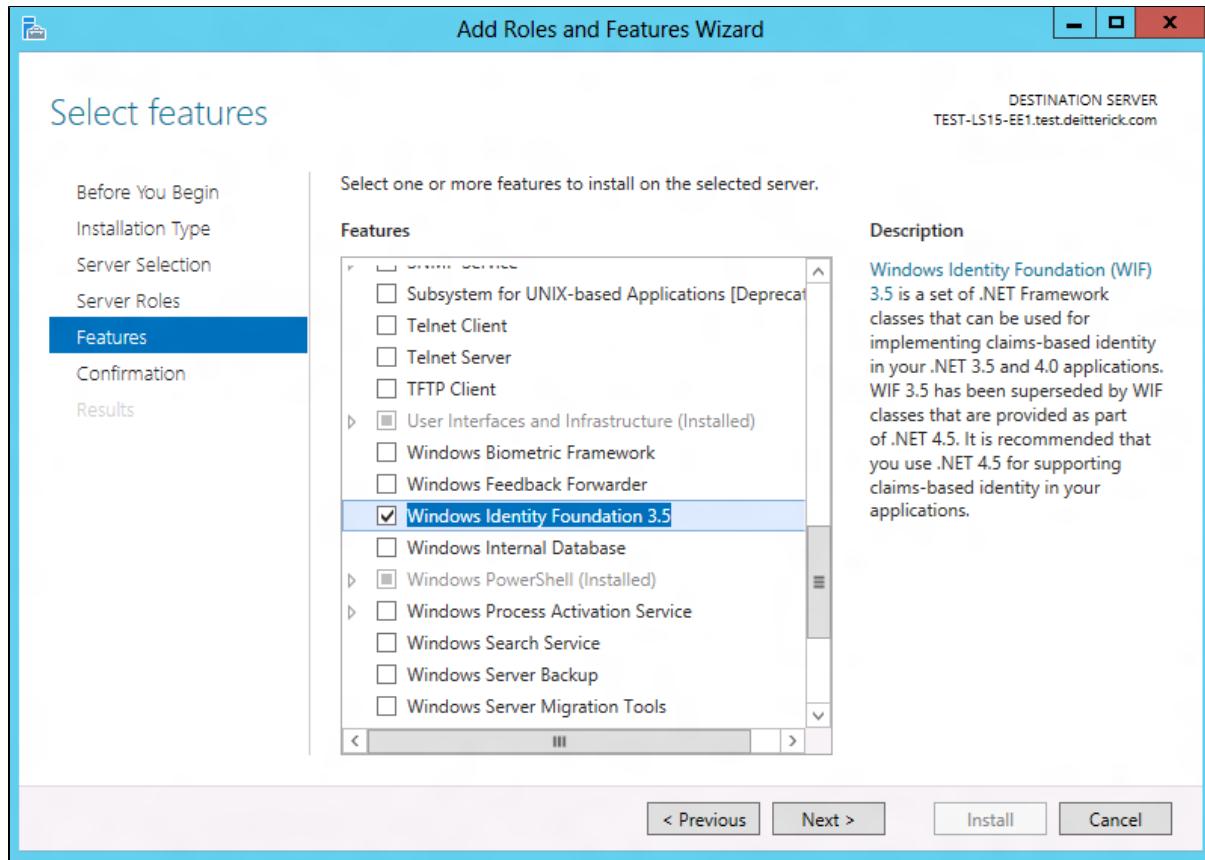
## Windows Feature Enabled

The Medius Integration Client is installed as a windows service application.

To be able to install the Medius Integration Client the server needs to have Windows Identity Foundation enabled.

 For Windows Server 2008R2, install from this link: <http://www.microsoft.com/en-us/download/confirmation.aspx?id=17331>

 For Windows Server 2012, install from "Add Roles and Features Wizard"



## Software Installed

Software	Comment	Download
.NET Framework 4.5	To be able to run integration engine the Medi us Integration Client	<a href="http://www.microsoft.com/en-us/download/details.aspx?id=30653">http://www.microsoft.com/en-us/download/details.aspx?id=30653</a>
Powershell version 4.0 or later	Used during deployment of integration packages	<a href="http://social.technet.microsoft.com/wiki/contents/articles/21016.how-to-install-windows-powershell-4-0.aspx">http://social.technet.microsoft.com/wiki/contents/articles/21016.how-to-install-windows-powershell-4-0.aspx</a>
Chrome	Preferred web browser for MediusFlow. This is our recommendation, any other supported browser is OK.	<a href="http://www.google.com/chrome/browser/desktop/index.html">http://www.google.com/chrome/browser/desktop/index.html</a>
SharpDevelop	Consultant tool for XML configuration	<a href="http://www.icsharpcode.net/OpenSource/SD/Download/">http://www.icsharpcode.net/OpenSource/SD/Download/</a>
Winmerge	Consultant tool for diff configuration files during upgrades etc	<a href="http://winmerge.org/downloads/">http://winmerge.org/downloads/</a>
Astrogrep	Consultant tool for efficient file content search	<a href="http://sourceforge.net/projects/astrogrep/">http://sourceforge.net/projects/astrogrep/</a>