



MultiPoint Integration Manager: Components and technical data

Overview

With the MultiPoint Integration Manager suite, Executive Intelligence brings your disparate data together and transforms it into a meaningful and consolidated management view.

Functional components

The MultiPoint Integration Manager solution includes four key components. All of these components can reside at remote locations—whether those locations are around the world or across the room.

MultiPoint Monitor

Watches for new data from source systems. Based on the rules created for particular locations, MultiPoint Monitor launches data validation or data transformation functions.

MultiPoint Validator

Tests new data for validity. Validator applies business rules to every field in every row of data and determines the validity of the source data, as well as providing detailed error logs.

MultiPoint Transformer

Transforms that data to conform to a target model. Transformer applies the business rules created for a file and transforms the source data to make it conform to the target data model.

MultiPoint Transporter

Securely moves data to a central collection facility. It is launched by either MultiPoint Monitor or MultiPoint Transformer. Transporter compresses, encrypts and securely transports the load-ready file to a data collection center.

MultiPoint Integration Manager is a rules-based system that is configured to meet your specific data collection and integration requirements. As your requirements change, the rules can be changed in minutes.

Delivery options

MultiPoint Integration Manager is available to your organization as either a service or a product.

With the service model, Executive Intelligence handles everything. It deploys and operates MultiPoint Integration Manager and provides a secure, central data collection facility. After MultiPoint Integration Manager transforms your data, the solution delivers load-ready files to your operational systems, anywhere in the world.

With the product model, you operate the solution in-house, using your own data collection facility. For companies taking this approach, Executive Intelligence can provide professional services to assist with setup or provide the training your staff needs to handle setup in-house.

In addition, Executive Intelligence offers complementary services that help you extend the value of your MultiPoint Integration solution. These include data warehousing and web-based reporting, provided as turnkey solutions operated by Executive Intelligence.

Technical specifications

Basic Architecture	Client/Server	Client software is installed at remote site. Server is maintained at central data collection site.
Client Functionality	Data Collection	Watch for and act on new source data automatically.
	Data Quality Assessment	Assess and report quality of source data using rules established for that file/field.
	Validation	Validate source data and take action on errors according to the rules for that file/field.
	Transformation	Perform one or many transformation functions on source data according to rules for each file/field.
	Map Source Data to Target Model	Reorder data to match target order required at central collection site; omit unnecessary data.
	Prepare load-ready File(s)	Write files in load-ready state, both in terms of content and format.
	Compress	Zip the file(s) before transport.
	Fingerprints	Calculate two digital fingerprints to uniquely identify the file.
	Secure Transport	Securely transport file and fingerprints to central collection site using 128-bit SSL encryption; authenticate source system and file.
	Local Archival	After transport is acknowledged, copy source file and output file to local archive directory.
Security	Transport Encryption	HTTPS 128-bit SSL
	Anti-proliferation	Registration process includes capture of machine-specific data which is used to authenticate the client each time it is used. Transfers of licenses from one machine to another are permitted.
Deployment	Remote Installation	Download self-extracting executable. Installation takes 5 minutes or less. The software is self-registering and self-testing.
Central Management	Rules Creation	Data Analysts create rules for each source file in test environment at central collection site.
	Rules Deployment	Whenever MultiPoint Integration Manager is launched, MultiPoint Integration Manager Client downloads the latest versions of all rules files.
	Rules Change	Rules files can be changed at the central collection site and then downloaded to Client.
Maintenance	Software Updates	MultiPoint Integration Manager Client automatically updates itself every time the Client is launched.
Hardware Requirements	For smaller files For larger files For files greater than 1 million rows	Pentium 386 / Windows / 256 MB RAM Pentium 486 / Windows / 512 MB RAM Dual 486+ / Windows / 512 MB RAM
System Limits	Clients	Up to 30,000 clients per collection server.
	Source File Size	Logical limit: 16,000,000,000 GB; real limit is available disk space for source, working and output files.

Are you ready for Executive Intelligence?

To discuss your needs, call Executive Intelligence toll-free at **866-678-4321**. Or to explore MultiPoint Integration solutions online, visit: **www.exec-i.com**.