

Connectivity Studio

for Microsoft Dynamics 365 for Operations

Take advantage of To-Increase Connectivity Studio for Microsoft Dynamics 365 for Operations to simplify the setup and management of integrations between your ERP and other business systems. Because the solution supports many different document types, you can directly meet your business requirements instead of managing technical details.

Rapidly configure, execute and manage data migration and integration projects

- **Application integration.** Connectivity Studio for Dynamics 365 for Operations enables integrations with a wide variety of systems, including other ERP systems, PLM systems, and enterprise application integration (EAI) systems, as well as the Microsoft Common Data Model and Microsoft Flow. The solution's advanced mapping capabilities let you configure integrations without dealing with the complexities of the data model. Connectivity Studio improves systems integration management by reducing busywork and by increasing the reliability, consistency, and reusability.
- **Data migration.** Connectivity Studio helps migrate your data from any legacy system - including Microsoft Dynamics AX 4.0, 2009, and 2012 - to Dynamics 365 for Operations. The solution's flexibility and ease-of-use let you create mappings with full support for any table and any field. Set up dependencies between your data entities and run the full migration with only one click. The powerful history capabilities give full control over the data, which can easily be reprocessed.
- **Integration without coding.** In Connectivity Studio, you can create and modify systems integration projects by means of standardized, rapid configuration.

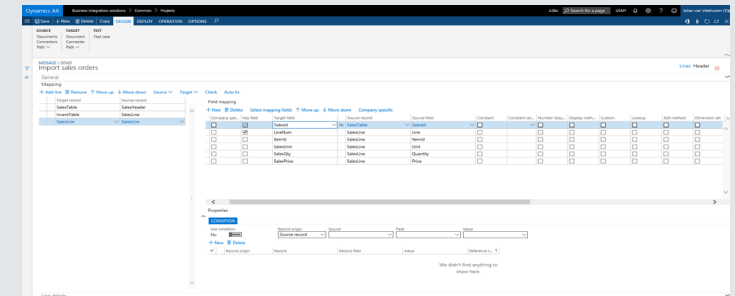


Benefits

- **Integrate Microsoft Dynamics365 for Operations** with external applications with full support for third-party software and your customizations.
- **Simplify the setup of integration** by using configuration instead of coding.
- **Perform very large data imports and exports** quickly and reliably.
- **Produce greater business value** from applications you already own.
- **Continue working productively** with your preferred document formats such as Microsoft Excel, XML, text, fixed text, ODBC, Edifact, X12, and others.

A Component of To-Increase Business Integration Solutions

Connectivity Studio is part of the To-Increase Business Integration Solutions suite. Business Integration Solutions deliver tools that enable system managers, consultants, and developers to rapidly develop, test, and deploy integrations and migrations. Our experience shows that the ability to perform straight-forward configurations instead of coding standardizes the process of creating web services and integrations, and enables improved collaboration between business groups and IT.



Message mapping

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For more information about Connectivity Studio for Microsoft

Features

Data and document exchange	Every table and every field of Microsoft Dynamics 365 for Operations can be exchanged. Nested tables and related fields can be exchanged by setting up a data mapping structure as a business document definition.
Advanced mapping	Provides advanced mapping capabilities to deal with the complexities of the Microsoft Dynamics 365 for Operations data model. Database transactions can be applied at document level or on a root level element.
Business rules	In most cases, the table and field validation rules for Microsoft Dynamics 365 for Operations are executed during the import process. You can also apply customized integration rules by configuring or using the extension points.
Business integration	Support integrations with a variety of systems, including warehouse management, enterprise application integration, product lifecycle management, enterprise resource management, and CRM.
Document formats	Delimiter-based (CSV), flat file, fixed text, ODBC using the Azure Service Bus, Microsoft Excel, Microsoft Word, EDI, and XML file (with XSD or XSLT) formats are supported. Custom formats can be used to meet specific formats.
Document actions	Perform a variety of actions on integration documents, such as pre-processing, exchange, and post-processing steps. Standard available actions include email, compression, conversion, copy/move, send/receive, and Azure Blob storage, FTP and SFTP.
Connectors	Technical integration can be implemented by means of the Microsoft Dynamics 365 for Operations database, file system (folders), web services, email, or data connection with ODBC.
Integration Project	An Integration Project is the primary vehicle for export and import, combining the business document and connector for each integration.
Web services	Real-time integrations can be made using web services in both directions with Wunderlist, Microsoft Flow, Logic Apps and more.
Event log	An event log can be applied for each connection. Database triggers enable the log to detect insertions, deletions, modifications, and renaming. Synchronize changes only instead of everything.
Staging tables	The data also can be stored in a staging table prior to import and then edited before processing. When a staging area is used, the business can validate and correct incoming data without the need to involve IT.
Integration history	For each Integration Project, the system logs all exchange data in the message history.