

KingswaySoft's **SSIS Integration Toolkit** offers easy-to-use and high-performance data integration components that facilitate integration with Microsoft Dynamics 365 applications (Business Central, Finance & Operations, Customer Engagement), as well as CDS, PowerApps, Dataverse, and all versions of Microsoft Dynamics CRM, AX, NAV, SL, and GP.

KEY BENEFITS

- Complemented by SSIS capabilities, the SSIS Integration Toolkit is a feature-rich solution for integrating Microsoft Dynamics 365 applications (including Business Central, Finance & Operations, and Customer Engagement), Dataverse, PowerApps, and virtually any other database or system.
- Utilizing the codeless data integration approach, you can forget all intricate details involved in working with Microsoft Dynamics web service interfaces when developing data integration solutions.
- Easy learning curve, consistent application user interface, and familiar development experience, all adds up to an improved development experience.
- Offers many specifically designed features that help you achieve the best possible performance without sacrificing your IT budget.

MICROSOFT DYNAMICS 365 CE/CRM

CRM/CDS CONNECTION MANAGER

- Supports connections to 365 Customer Engagement/Dataverse, CRM 3.0 - 2016, and CDS.
- Option to work around intermittent errors by making retry service calls.
- User Multiplexing option to use more than one App user to attain higher throughputs.

CRM/CDS SOURCE COMPONENT

- Facilitates reading data from Dynamics 365 CE/CRM using either Entity, FetchXML query, EntityChanges or AuditLog option.
- The most sophisticated support of any complex FetchXML queries.

CRM/CDS DESTINATION COMPONENT

- Facilitates writing data into Dynamics 365 CE/CRM using Create, Update, Delete, Upsert, Convert, Merge, Send, BulkDelete, ExecuteWorkflowAction, CalculateRollup, and ReviseQuote write actions.
- Four different matching options when performing Update or Upsert: Primary Key, CRM Duplicate Detection, Manually Specified Fields, & CRM Alternate Key.
- Support of utilizing CRM Bulk Data API.
- Equipped with many configurable options, Text Lookup feature makes CRM lookup references painlessly easy.
- Support for CRM many-to-many relationship without requiring writing a single line of code.
- Support for a transparent handling of special CRM fields.
- Many advanced options are offered for complex integration scenarios.
- Support for multithreaded writing using one single configuration.

- Homogenous batch operation messages option to leverage the powerful xMultiple batch request feature to increase data load throughput.
- Process Optimizations feature to tentatively disable workflows, plugins, auditing and to bypass custom business logic.

CRM OPTIONSET MAPPING COMPONENT

- Provides a consistent way to manage the translation and mapping of CRM OptionSet values.

CRM COMMAND TASK COMPONENT

- Allows to translate SQL scripts or commands into executable Dynamics 365/Dataverse service calls to perform actual data writes at SSIS control flow level.

MICROSOFT DYNAMICS 365 BC/NAV

NAV CONNECTION MANAGER

- Supports connections to Microsoft Dynamics 365 Business Central and NAV 2009 - 2018.
- Support for multitenant deployment.
- Option to work around intermittent errors by making retry service calls.

NAV SOURCE COMPONENT

- Facilitates reading data from Microsoft Dynamics 365 BC/NAV via Web Services.
- Option to filter data using Page Filtering query with support for User and System Variables.

NAV DESTINATION COMPONENT

- Support for Create, Update, Delete, Upsert actions.
- Upsert action is based on manually selected matching field(s) with several options to handle multiple matches.

- 3 Error Handling Mechanism with 2 additional configurable Default Output columns: **Key** & **IsNew**.
- Advanced filtering features for NAV field mappings.
- Support for multithreaded writing using one single configuration.

MICROSOFT DYNAMICS 365 FO/AX

AX CONNECTION MANAGER

- Supports connections to Microsoft Dynamics 365 Finance & Operations and AX 4.0 - 2012 R3.

AX SOURCE COMPONENT

- Facilitates reading data from Microsoft Dynamics 365 FO/AX using query with support for User and System Variables.
- Option to specify AX fields to retrieve for specified objects.

AX DESTINATION COMPONENT

- Support to write to the AX server using Create, Update, Delete, and Upsert actions.
- Upsert action is based on manually selected matching field(s) with the option to 'Ignore Unchanged Fields.'
- 3 Error Handling Mechanism with additional configurable columns: **AxReclId** & **IsNew**
- Advanced filtering capabilities for AX field mappings.
- Support for multithreaded writing using one single configuration.

AX NEXT SEQUENCE NUMBER COMPONENT

- Retrieves the next sequence number from the AX server to use as the input for one of the input columns within the AX Destination component.

ABOUT KINGSWAYSOFT

KingswaySoft is a leading provider of data integration solutions for Microsoft Dynamics software and beyond.

Technical Requirements: Azure-SSIS IR or Microsoft SQL Server 2025, 2022, 2019, 2017, 2016, or 2014.

Microsoft Dynamics 365 CE Online & CDS requires SQL Server 2014 or above.