KingswaySoft **SSIS Integration Toolkit for Microsoft Dynamics 365** is a cost-effective, easy-to-use and high-performance data integration solution, utilizing Microsoft SSIS capabilities. The toolkit includes components to facilitate integration with Microsoft Dynamics 365 applications as well as CDS, PowerApps, Dataverse, and all versions of Microsoft Dynamics CRM, CE, AX, and NAV.

Key Benefits

- Complemented by SSIS capabilities, the SSIS Integration Toolkit is most feature-rich data integration solution for Microsoft Dynamics 365, which enables data integration between Microsoft Dynamics 365, CRM, CE, NAV, AX, CDS, Dataverse, PowerApps and virtually any other database or application systems.
- 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.

Below are the components included with the SSIS Integration Toolkit for Microsoft Dynamics 365 and just some of their many technical features.

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 througputs.

CRM/CDS Source Component
- Facilitates reading data from Microsoft 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 Microsoft Dynamics 365 CE/CRM using Create, Update, Delete, Upsert, Merge, Convert, Send, Bulk Delete, or ExecuteWorkflow 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 special 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: *AxRecId* & *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.