enHanced Integration Framework

In many instances, Microsoft Dynamics® AX (Dynamics AX) users have an existing third-party system or business application that needs to be integrated with Dynamics AX, but Dynamics AX lacks the capability to seamlessly integrate with these systems.
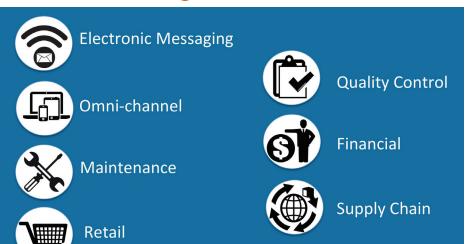
enVista's enHanced Integration Framework (EIF) was designed to solve integration issues between Dynamics AX and external systems and replaces Microsoft's Application Integration Framework (AIF). EIF provides the flexibility to configure, execute and manage custom integrations. EIF is not targeted towards a specific external system, but rather it is AX-centric, which gives Dynamics AX users more flexibility within their ERP environment. EIF supports several versions of Dynamics AX, including AX7.

What is EIF?
- Many out of the box integrations

- Built-in ability to deal with unique customer requirements

- Standard interface that will extend to all versions AX2009 and after

- A proven method to provide a solution to the many integration problems

- The ability to work with virtually any data in the system

- Superior error handling and ability to correct errors and reprocess within the Dynamics AX client

- Standard transactions support, and user can create custom transactions not directly tied to Dynamics AX tables/queries

- Message integration including: File system (CSV, Flat File), Direct Database Connection, REST API and SOAP API

- Built-in cross-reference framework that allows the user to apply various value mappings to a single transaction set

EIF Targeted Use Cases

- Electronic Messaging
- Omni-channel
- Maintenance
- Retail
- Engineering
- Quality Control
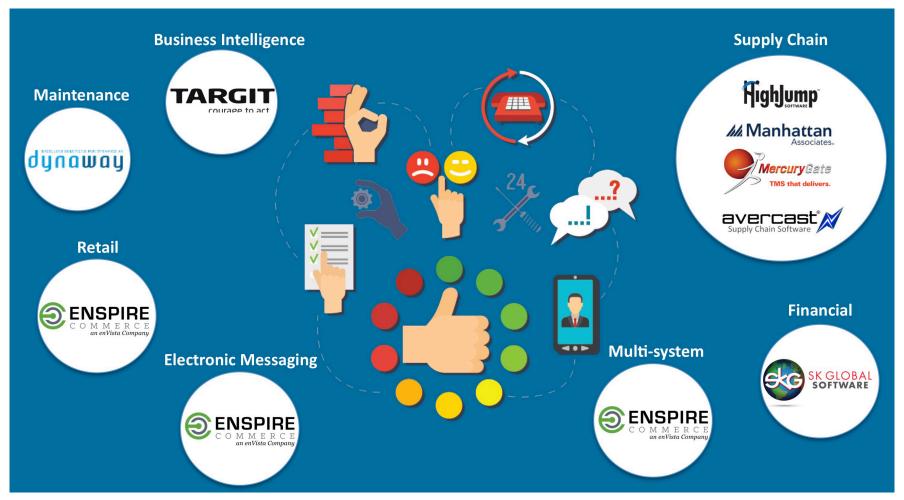- Financial
- Supply Chain
- Manufacturing

EIF Features
- Configurable Transaction Sets
- User Definable Inbound and Outbound Channels
- Configurable Interface Formats
- User Defined Translation Maps
- Field Monitor to Define and Enable Event Triggering
- Standardized Processing Queue

Typical Uses of EIF
- EDI/Electronic Messaging Integration
- Website/e-Commerce Integration
- WMS System Integration
- Finance Journals and Budgets
- Demand Planning Integration
- Production Process Integration

enVista has developed integrations for the following third party systems:

Business Intelligence — TARGIT courage to act

Maintenance — dynaway

Retail — ENSPIRE COMMERCE an enVista Company

Electronic Messaging — ENSPIRE COMMERCE an enVista Company

Supply Chain — HighJump SOFTWARE, Manhattan Associates, MercuryGate TMS that delivers., avercast Supply Chain Software

Multi-system — ENSPIRE COMMERCE an enVista Company

Financial — SKG SK GLOBAL SOFTWARE

enVista can develop custom integrations for any other ISV Solution that requires Dynamics AX integration.

Services Offered

Electronic messaging
- EDI
- Other

Maintenance
- Service
- MRO systems

Omni-Channel
- Multi-enterprise
- DOM

Supply Chain
- Demand planning
- 3PL
- TMS
- WMS
- LMS (enCompass)

Manufacturing
- MES
- Production reporting
- Scheduling

Financial
- Journals
- Budgeting
- Financial Reporting

Quality Control
- Testing results
- Quality standards

Retail
- Websites
- POS

Engineering
- Product configuration
- PLM

Current Standard Transactions

- Customer Import/Export
- Sales Order Confirmation Export
- Sales Order Import
- Sales Order Invoice Export
- Sales Order Packing Slip Export
- Sales Order Picking List Export
- Sales Order Picking List Registration Import
- General Journal Import
- Ledger Journal Export
- Inventory Adjustment Journal Import
- Inventory Counting Journal Import
- Inventory Movement Journal Import
- Inventory On-hand
- Inventory Transfer Journal Import
- Item Arrival Journal Import
- Item Import/ Export
- Item Batch Export
- Production Order Picking List Export
- Production Order Report as Finished
- Purchase Order Acknowledgment Import
- Purchase Order Confirmation Export
- Purchase Order Import
- Purchase Order Invoice Import/ Export
- Purchase Order Receipt Import/Export
- Purchase Order Receipts List Export
- Vendor Import/ Export
- Voucher Transaction Export
- Trade Agreements Export
- Transfer Order Picking List Export
- Transfer Order Picking List Registration Import
- Transfer Order Receipt Import
- Transfer Order Shipment Export
- WMS Shipment Confirmation Export ASN
- WHS Shipment Confirmation Export BOL
- WHS Shipment Information

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