

PLM to ERP Integration

Eliminate redundant data entry.

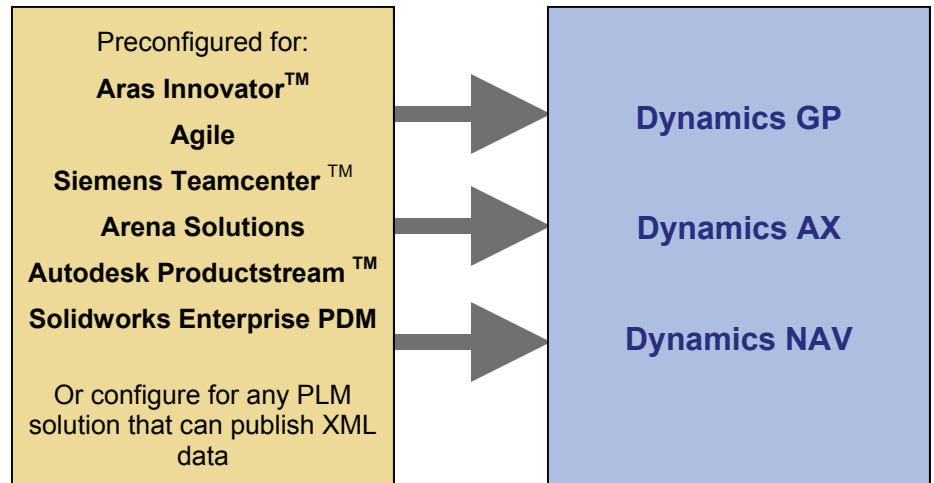
Make MRP more accurate, minimizing shortages and reducing cost.

Eliminate production delays and waste due to inaccurate or obsolete product structure information.

Keep key Dynamics users aware of part and product structure changes.

Can be configured and implemented in less than an hour with NO programming.

No custom code to support or worry about as you upgrade to a new Dynamics release or switch to a different PLM solution.



The Universal PLM Adapter is designed to integrate multiple PLM and CAD applications with Microsoft Dynamics GP, Microsoft Dynamics AX and Microsoft Dynamics NAV. The product allows users of virtually any PLM or CAD solution that can publish data in an XML format to update their ERP solution with part, bill of material, change order, and manufacturer part information (as supported by your Microsoft Dynamics system).

The Universal PLM Adapter is extremely flexible and extensible, making it the perfect integration solution for any environment. Fields in Dynamics are updated with information from your PLM solution along with default values for fields that you wish to initialize but do not originate from your PLM solution. The Universal PLM Adapter even supports user scripting in Visual BASIC.NET, so that the value of fields can be determined programmatically. This flexibility allows you to synchronize your database exactly as you wish, minimizing the need for manual “retouching” of your data. The Universal PLM Adapter can even support custom attributes added to the standard Dynamics tables as well as custom tables.

Universal PLM Adapter

Section: ITEM
Table: PART
Attribute: *Item Status (200)
Index: 200
Name: Item Status
Display Name: Item Status
ERP DB Name: ITEMSTATUS_I
Mapping Type: Child Node
XML Path: ./Revision/name-on-source[@title='Release Status']
XML Attribute: value
Defaults Process: Global
Global Default: 1

Required
 Mapping Required
 Updateable

Attribute Type: Integer
Length: 0
Minimum: 1
Maximum: 6

Zero/Blank Is Valid Value

No Value: Skip Attribute
String Too Long: Halt
Invalid Value: Halt

User Script Translations
Update Field Revert

The Universal PLM Adapter Profile Utility is used to configure all aspects of your integration including mapping information, error conditions, user scripts, value translation, activity notifications, etc.

Adapter Status: Ready Shutdown
Execution Mode: One Time Orbit

Status: Completed Refresh Process

| PLM Filename | File Creation Date | Change Order | Status |
|--------------|--------------------|--------------|-----------|
| 1item.txt | 5/26/2006 9:13 AM | Change Order | Completed |

Delete All Delete Exit

The "Inbox" is the user interface for the runtime module which actually performs database updates. The runtime module can be run on-demand, continuously or can be scheduled with Windows Task Scheduler.

Key Features

Enforces Microsoft Dynamics business rules.

Two pass logic ensures data integrity by validating entire dataset before updates begin.

Translation from PLM Values to Microsoft Dynamics values.

Flexible defaults for values not originating in the PLM Solution.

Scripting in VB.NET

Email notification of key users of Adapter operations.

Run on-demand, continuously or schedule with Windows Task Scheduler to run at specific times.

System Requirements

For Dynamics GP: Dynamics GP 8.0 or later

For Dynamics AX: Dynamics AX 3.0 or later, Axapta Business Connector; Only SQL Server implementations are supported

For Dynamics NAV: Dynamics NAV 4.0 or later, CFRONT; Only SQL Server implementations are supported

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(800) 743-9003

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