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Bluestar PML Factsheet

Microsoft Dynamics AX





Microsoft Dynamics AX integration

BLUESTAR PLM is a native Microsoft Dynamics AX application that is completely embedded in the AX user interface and uses the same data model. By bringing together the ERP and PLM environments into a common environment, this solution provides for the company-wide integration of all departments and locations. This significantly improves the outcome of cross-functional business processes – including sales, design, purchasing, and manufacturing.

Product lifecycle management (PLM) was originally a method designed to represent and manage all data and processes in the product lifecycle. The information required for this is almost completely located in the ERP system.

BLUESTAR PLM combined with an ERP system enables the seamless synthesis of departments such as procurement, production, construction, and sales. The data is only entered once and maintained centrally. This results in a reduction of the time used for data entry. It also results in a reduction of discrepancy errors between data, which often occur when PLM and ERP systems live their lives separately.

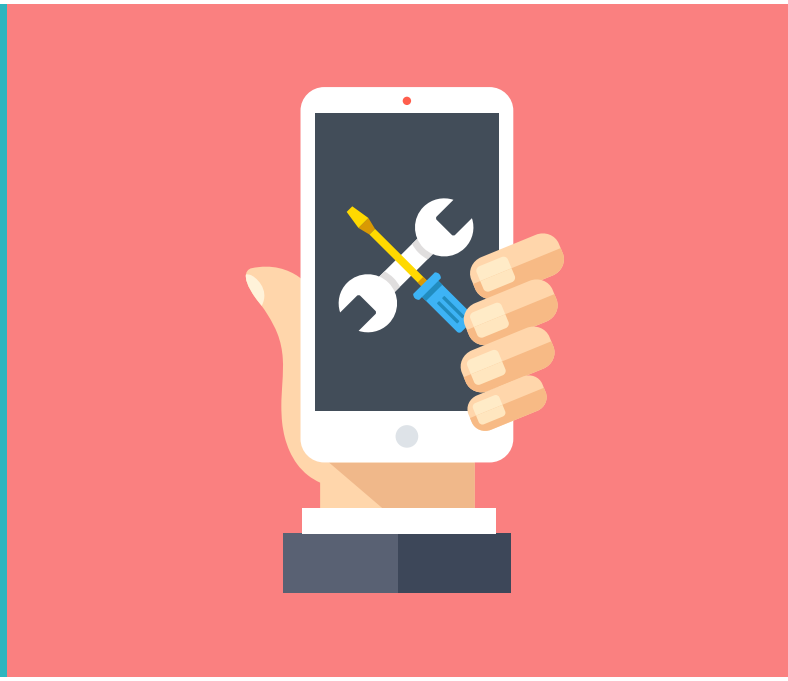
Well-known companies highly value the ERP-integratedPLM. They have recognised the bidirectional dependency between engineering and downstream departments and expanded with PLM.

BLUESTAR PLM combines product data and documentation from various sources, such as CAD systems, the ERP system, and even office applications, in a central, version-controlled product directory in Microsoft Dynamics AX. The central product data source which all organisational units in a company access with their IT systems or clients ensures that business processes run without errors – unhindered by the data discrepancies associated with distributed IT systems and the need for manual data exchange.

Benefits

- Strengthen the collaboration between construction, sales, and production.
- Avoid redundant data entry
- Avoid errors due to duplicate data records and documents
- Simplified IT infrastructure and system maintenance
- Central master data
- Fully integrated AX solution





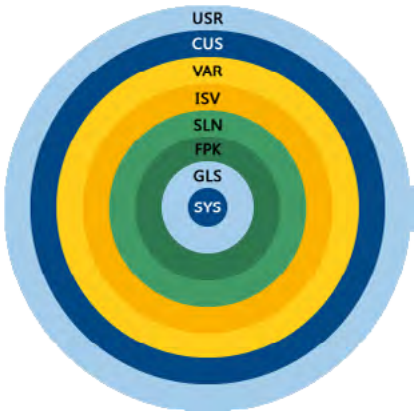
Easy Maintenance

The Microsoft Dynamics AX enables easy installation and modification of BLUESTAR PLM. As an integral component of Dynamics AX, it doesn't lead to any adverse effects on your core solution.

The architecture view allows changes to elements at a single layer without changing the elements at a lower layer. If you change an element, a copy of the element and the changes will be stored in the current layer. The elements at the lower layers are not affected.

BLUESTAR PLM is generally used at the ISV layer. This means that there are no effects on the elements at the underlying layer which form the core of your Dynamics AX solution.

BLUESTAR PLM is easy to maintain and modify, as an integral component of AX, without creating unintended effects in Dynamics AX. BLUESTAR PLM is a native AX application and doesn't require any specialised knowledge for operation or maintenance.



Global Use

BLUESTAR PLM supports multi-national manufacturers spread out across different locations with common data exchange. Whether your company has a central Dynamics AX with Citrix, Terminal Services or multiple globally scattered local Dynamics AX installations, BLUESTAR PLM offers robust data-exchange functions.

Customers who have multiple Dynamics AX installations and therefore experience the associated poor data exchange are able to share selected Dynamics AX tables and fields between locations with BLUESTAR PLM.

Customisable

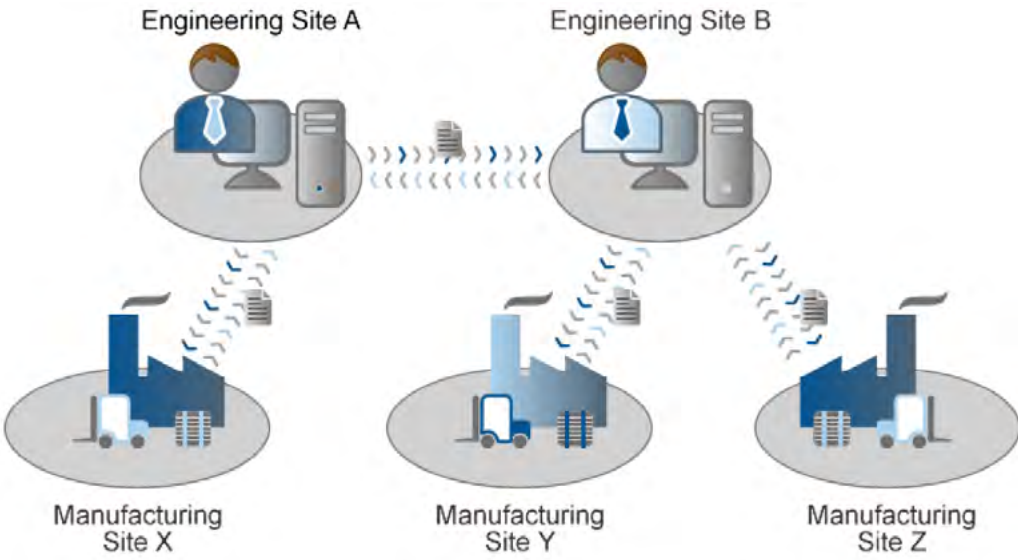
Because BLUESTAR PLM was developed in Dynamics AX and integrated in the development environment, modifications can be made to products using existing resources. This helps keep costs for adjustments low.

Future-proof solution

BLUESTAR PLM is an exclusively Dynamics AX application and also supports future versions so you can continue to profit from your investment. The following versions of Dynamics AX are currently supported:

- MBS Axapta 3.0
- Microsoft Dynamics AX 4.0
- Microsoft Dynamics AX 2009
- Microsoft Dynamics AX 2012
- Microsoft Dynamics AX 7
- Microsoft Dynamics 365 for Operations

BLUESTAR PLM also supports a number of CAD systems with bi-directional integrations.



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