CAD/ERP LINK
SOLIDWORKS 3D CAD

Bluestar CAD/ERP Link provides an easy migration path to expand to Bluestar PLM as your business grows.

BLUESTAR PLM®
PLM inside Dynamics 365

BIDIRECTIONAL LINK BETWEEN CAD & ERP

TODAYS CHALLENGE
When CAD and ERP users work independently in detached systems - Errors will occur - because of unsynchronized data between Engineering and Operations. Due to human error, it is likely that inaccurate and redundant data will be used within the system, leading to costly errors, collaboration complications, valuable time spend double-checking data and fixing errors.

BENEFITS

Easy access to ERP data

Enhance collaboration between engineering & manufacturing teams

Eliminate redundant data entry

Superior data & drawing integrity

Greater data transparency

Prevents duplicate data and drawings

Maximize engineering productivity

Reduce errors & save time

Future-proof & scalable

Quick and easy installation

SUPPORTS

SOLIDWORKS 3D CAD products

Microsoft Dynamics 365
for Finance and Operations

Microsoft Dynamics AX 2012 (R1, R2, R3)

Microsoft Dynamics AX 2009

SOLIDWORKS CAD/ERP LINK is an easy-to-use data integration system available for Microsoft Dynamics 365 for Finance and Operations & Dynamics AX (ERP) and the SOLIDWORKS CAD system.
By providing a real-time link between users' SOLIDWORKS and Microsoft Dynamics systems, CAD/ERP LINK virtually reduces manual data entry.

SOLIDWORKS
is a leading 3D CAD system with more than two million engineers and designers (CAD).

MICROSOFT DYNAMICS 365 FOR FINANCE AND OPERATIONS is a Microsoft enterprise resource planning (ERP) system for medium to large organisations. The software, part of the Dynamics 365 product line. (D365)

*SOLID*WORKS   CAD/ERP LINK   Microsoft Dynamics
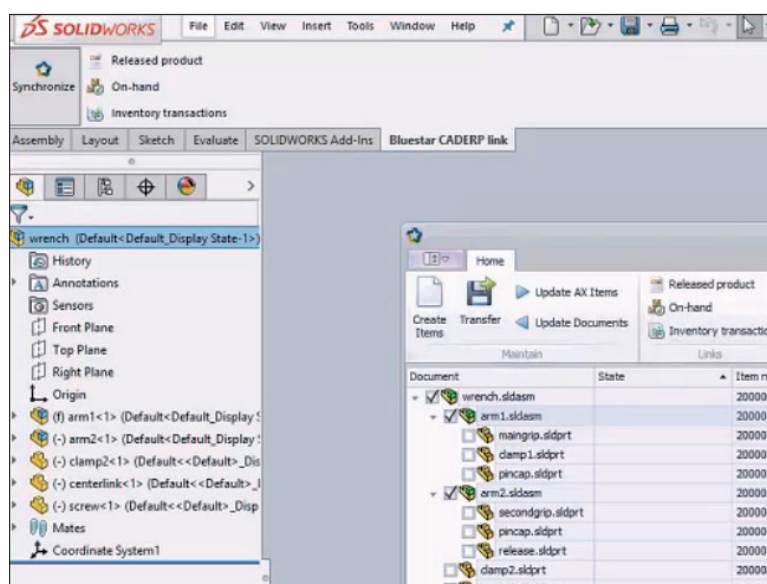
CAD/ERP LINK enables SOLIDWORKS users to seamlessly share their product data; BOMs, Item data and drawings with downstream ERP users, who need it for purchasing, manufacturing, and other related activities. In return, SOLIDWORKS users are granted access to valuable data from ERP, such as prices, on-hand quantities, and lead times. Through this access, considerations, such as price, quality and operational experience, are easily incorporated into the product design process.
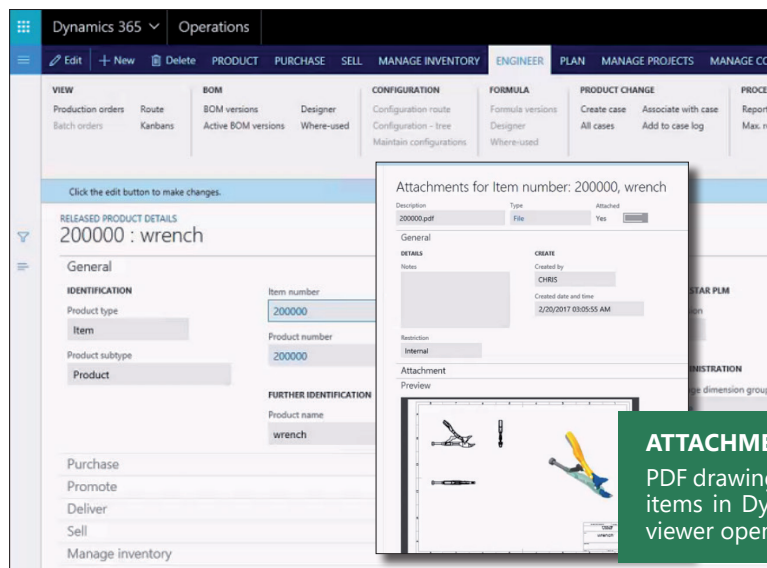
CAD/ERP LINK
SOLIDWORKS 3D CAD

"Synchronize Data from SOLIDWORKS with Dynamics"

SOLIDWORKS 3D CAD: THE INTERFACE OF CAD/ERP LINK

The CAD/ERP LINK window provides access to functionalities within SOLIDWORKS 3D CAD. This controls all of the data exchanges between CAD and ERP by transferring new product data and updating existing data.
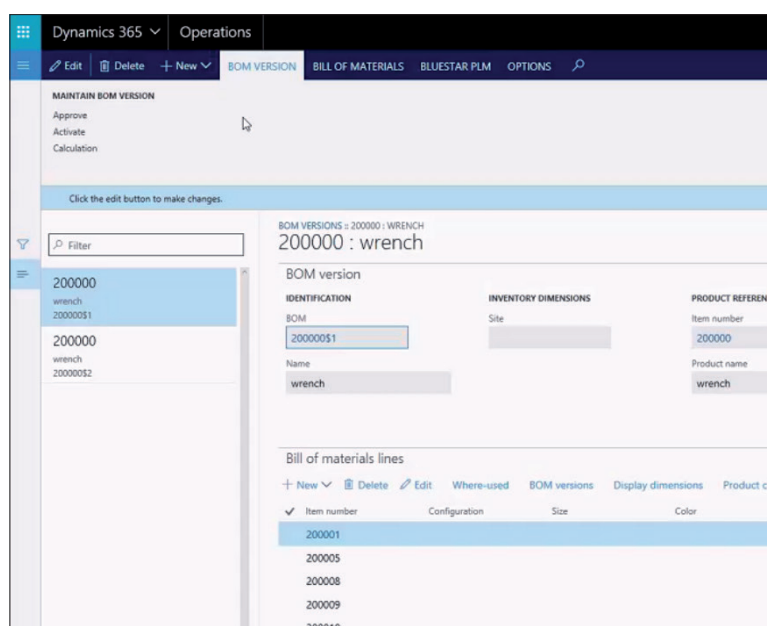

DYNAMICS 365 & AX: RELEASED PRODUCT DETAILS

After CAD and ERP system data is updated, Released Product Details displays the synchronized data and automatically generates a Product Image which can be useful when searching for a specific product component.

ATTACHMENTS

PDF drawings are attached to their corresponding items in Dynamics 365 with a preview. The PDF viewer opens the drawing directly.

DYNAMICS 365 & AX: BOM VERSION

The updated BOM data is ready for use in ERP with the native Microsoft Dynamics item numbering.

One solution for everyone

KEY FEATURES	EXPLAINED	BENEFITS
Auto-exchange of Items, Properties, & BOMs	CAD/ERP LINK's unique functionality allows for the automatic exchange data of Items, Properties, and BOMs, between CAD and ERP.	Ensures the CAD and ERP data is updated. Users work with reliable, accurate, and timely data.
Auto-creation of new ERP Items	CAD/ERP LINK automatically creates a new ERP Item when CAD data is transferred to the ERP system.	ERP item data is exchanged with CAD.
ERP based item numbering	CAD/ERP LINK follows the item numbering from the ERP system by default.	This prevents item-numbering conflict between CAD and ERP.
PDF Conversion of CAD Drawings	Generates automatic PDFs by check in, ensuring that drawings are available in the ERP system.	PDF format makes drawings easy to view outside the engineering department, and pdf is a general accepted format.
Export PDF Drawings to ERP	PDFs exports automatically together with the Item and BOMs when CAD to ERP data transfer takes place. The PDFs are linked to the Item in ERP.	CAD-users do not depend on a specialized ERP-user re-keying CAD data manually. ERP is provided with the most current data versions for all users. Drawings made accessible in ERP.
Automatic titleblock population & maintenance	CAD/ERP LINK updates properties related to new data, which controls the titleblock fields.	Easy and reliable titleblock maintenance.

What makes **CAD/ERP LINK** Unique?

- One solution for everyone (D365) Engineering & Operations
- Easy access to data for Engineering and Operations
- Developed for Dynamics 365 & AX based platform
- Embedded in SOLIDWORKS 3D CAD native interface
- Seamless and bidirectional transfer of CAD & ERP data

KEY BENEFITS	EXPLAINED
Easy access to ERP data	CAD users gets directly access to the ERP data from the CAD system. CAD-users has access to related information on the item. Allowing everybody to work in the same system.
Eliminate redundant data entry	CAD/ERP LINK unifies data in the CAD & ERP systems, bringing an end to manual data entry and the existence of redundant data.
Reduce errors & save time	By automatically updating changes to product data, CAD/ERP LINK eliminates the task of manual data handling, leading to fewer errors.
Optimize engineering productivity	By minimizing the time spent on clerical tasks, such as manually transfer product data to other teams, the engineering team can spend time where it is most valuable: executing projects and perfecting designs.
Quick and easy installation	CAD/ERP LINK is ready with a quick and easy installation. Short and to-the point training sessions.
Future-proof & scalable	Paves the way for easy Bluestar PLM implementation in the future