CADLink

Integrate and Synchronize your SOLIDWORKS data with your ERP

Overview

CADLink allows engineers to create ERP Item Master and BOM records identical to engineering SOLIDWORKS or EPDM data with the click of a button. The direct integration reduces manual data entry and clerical errors. Production benefits from drawing information identical to work order documentation.

Increase the speed of data flow from sales to engineering, procurement, and manufacturing. Streamlining the entire product development process by integrating SOLIDWORKS/EPDM and your ERP solution gives you the edge in the competitive market. This eliminates all the burdens you face from having disparate systems, allowing engineers to focus on the designs and innovation.

Keeping your ERP engineering data accurate and synchronized with your engineering drawings and models is critical. With CADLink, you will see significant improvements in production speed, on-time shipments, and accuracy of ERP engineering data with reductions in engineering cost, scrapped parts, and shop floor confusions.

Direct SOLIDWORKS/EPDM Integration

Real-time, direct, two-way link between SOLIDWORKS/EPDM and your ERP means no more exporting or importing data files. CADLink's interface for indented multi-level Bill of Materials and thumbnail preview image of the CAD part lets you know what you are looking at.

Direct Integration to your ERP

Assign essential ERP fields such as Product Code, UOM, and Part Type using ERP drop-down menus in CADLink.

Bi-directional Data Push

Bi-directional data push keeps your SOLIDWORKS and ERP engineering data synchronized and up-to-date. Critical information such as part quantity and material selection will be kept consistent throughout your CAD and ERP systems.

Live Data Comparison

Live comparison lets you visually review BOM changes before committing to save.
Create ERP Item and BOM records identical to your drawings in one click.

Partners & *Integrations*
Work with the ERP sytem of your choice

SOLIDWORKS | CERTIFIED Gold Product **SOLIDWORKS** | **CATIA** | **SMARTEAM**

EPICOR Alliance Partner | **infor** Solution Partner | **ORACLE** | **sage** ISV Rockstar | **eci** M1 | **SAP**

aptean | **Microsoft** | Dynamics 365 | **PLEX** THE MANUFACTURING CLOUD | **VISIBILITY** | **IFS** AUTHORIZED SOLUTIONS PARTNER

GLOBAL SHOP SOLUTIONS | **COSMO CONSULT** Business-Software for People | **asseco** SOLUTIONS | **Acumatica** The Cloud ERP

Discrepancy and Error Notification

Resolve discrepancies in the CADLink interface and automatically update both your SOLIDWORKS/EPDM files and your ERP data. CADLink checks for critical errors and notifies the user before saving.

Powerful Searches

Search your ERP Item Master live and insert raw material items to your BOM. Search and insert non-CAD items to your ERP BOM to create a complete BOM; not just what you modeled.
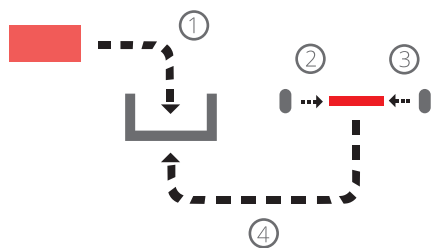
Eliminates Duplicate Manual Data Entries

Single-step process eliminates duplicate manual data entries of engineering data.

CADLink (Ver: V 2 . 0 Build: B0100)

Save | Refresh   Expand All | Collapse All | Exit

	No	Save	ITEM	Description	Revision	UOM	Oper num	Qty	Product Code	Source	Stocked	Matl Type	ABC Code	Cost Method	Cost Type
	1	☑	QB-BEZ_001	Bezel Moldbase	A	EA		1.0000	FG-CUSTOM	M	☐	M	A	S	A
	1.1	☑	QB-BEZ_002	Bezel Moldbase - Fixed Half	A	EA		1.0000	FG-CUSTOM	M	☐	M	A	S	A
	1.1.1	☑	QB-BEZ_003	Cavity Plate A				1.0000			☐				
	1.1.2	☑	RB-HASCO-01	HASCO Metric Clamping Plate		EA		1.0000	FG-200	P	☐	M	C	S	A
	1.1.3	☑	RB-HASCO-03	HASCO Metric Angle Pin				4.0000			☐				
	1.1.4	☑	QB-BEZ_004	Guide Pillar		EA		4.0000	FG-CUSTOM	P	☐	T	B	S	A
	1.1.5	☑	QB-BEZ_005	Locating Ring		EA		1.0000	FG-100	P	☑	O	B	S	A
	1.1.6	☑	QB-BEZ_006	Sprue Bushing				1.0000			☐				
	1.1.7	☑	QB-BEZ_007-01A	Connecting Nipple				4.0000			☐				
	1.2	☑	QB-BEZ_008	Bezel Moldbase - Moving Half	A	EA	10	1.0000	FG-CUSTOM	M	☐	M	A	S	A
	1.2.1	☑	QB-BEZ_009	Side Core Clamp Plate				4.0000			☐				
	1.2.2	☑	QB-BEZ_010	Cavity Plate B	A	EA	10	1.0000	FG-CUSTOM	P	☐	M	B	S	A
	1.2.3	☑	RB-HASCO-02	HASCO Metric Intermediate Plate		EA	10	1.0000	FG-200	P	☐	M	C	S	A
	1.2.4	☑	QB-BEZ_011-B	Spacer Block				2.0000			☐				
	1.2.5	☑	RB-HASCO-01	HASCO Metric Clamping Plate		EA	10	1.0000	FG-200	P	☐	M	C	S	A
	1.2.6	☑	QB-BEZ_012	Guide Bushing				4.0000			☐				
	1.2.7	☑	QB-BEZ_013	Centring Sleeve				4.0000			☐				
	1.2.8	☑	QB-BEZ_007-01A	Connecting Nipple				4.0000			☐				
	1.2.9		QB-BEZ_011	Spacer Block		EA	10	2.0000	FG-CUSTOM	P	☐	M	B	S	A
	1.3	☑	QB-BEZ_015	Bezel Moldbase Ejector Set	A	EA		1.0000	FG-CUSTOM	M	☐	M	A	S	A
	1.3.1	☑	QB-BEZ_019	Ejector Pin				5.0000			☐				
	1.3.2	☑	QB-BEZ_018	Unilifter T-Gibs		EA		2.0000	FG-CUSTOM	P	☐	M	B	S	A
	1.3.3	☑	QB-BEZ_021	Seating Washer		EA		4.0000	FG-CUSTOM	P	☑	T	B	S	A
	1.3.4	☑	Z40-4x250	Ejector Pin - Assy	A			1.0000			☐				
	1.3.5	☑	QB-BEZ_016	Ejector Base Plate	B	EA		1.0000	FG-CUSTOM	P	☐	M	B	S	A
	1.3.6	☑	QB-BEZ_017	Ejector Retainer Plate	B	EA		1.0000	FG-CUSTOM	P	☐	M	B	S	A
	1.4	☑	QB-BEZ_022	Bezel Moldbase Side Core Slide	A	EA		2.0000	FG-CUSTOM	M	☐	M	A	S	A
	1.4.1	☑	QB-BEZ_023	Slide				1.0000			☐				
	1.5	☑	QB-BEZ_024	Bezel Moldbase Lifter	A	EA		2.0000	FG-CUSTOM	M	☐	M	A	S	A
	1.5.1	☑	QB-BEZ_025	Unilifter U-Coupling				1.0000			☐				

UserName: sa   Connected To: KEVIN-HP\KEVIN_HP   DataBase: SL803Demo_App

Bills of Materials
Operations
Bom Changes
CAD Properties
CADLink Messages

Quick and Easy Routing Interface

CADLink offers a simple interface for creating and assigning ERP operations on your BOM.

Powerful Visual Interface

CADLink offers an intuitive and highly visual interface to display data discrepancies. BOM quantity changes and updates are displayed in change summary tab.

One-Click Summary Report

Easily generate PDF Bill of Material. Change summary report and export Bill of Material in an Excel file format to meet your documentation requirements.

Color Coded Changes

Engineers can easily see the effects of changes to ERP and CAD data.

Green fields represent new parts that will be created in your ERP.

Yellow fields highlight data discrepancy between your CAD and your ERP such as description or quantity.

Gray fields represent parts to be removed from your BOM.

Small Footprint

CADLink offers an easy installation and setup, and small footprint with minimum client machine hardware and software requirement. CADLink installation requires no additional database or server components.