



Integrate and Synchronize your SOLIDWORKS PDM data with your ERP

Overview

CADLink allows engineers to create ERP Item Master and BOM records identical to engineering SOLIDWORKS PDM 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 PDM 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 PDM Integration

Real-time, direct, two-way link between SOLIDWORKS PDM 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 PDM 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 system of your choice





Discrepancy and Error Notification

Resolve discrepancies in the CADLink interface and automatically update both your SOLIDWORKS PDM data 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.

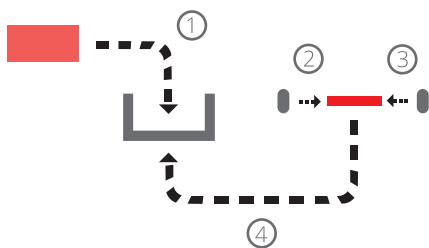
Eliminates Duplicate Manual Data Entries

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

No	Save	Part Number	Revision	Part Description	Related Operation	Unit Qty	Ref Designators	Item Class	Inventory Item	Product Group	Part Class	Part Type	Unit Related
1	[X]	MC-00128ADM-01	A	4 Digit Mechanical Counter Assembly	0	1.0000		Counted Units	Each	Pneumatic Parts	Hardware	Manufactured	
1.1	[X]	CRT-00112ASM	A	Mechanical Advance Assembly	0	1.0000		Counted Units	Each	Pneumatic Parts	Hardware	Manufactured	
1.1.1	[X]	AL-00132ASM	A	Advance Latch Assembly	10	1.0000		Counted Units	Each	Fabricated	Machined Parts	Manufactured	
1.1.1.1	[X]	AL-400291-02		Advance Latch, 4 Digit	0	1.0000		Counted Units	Each	Tooling	Hardware	Purchased	
1.1.1.2	[X]	SS-00012634-01		Spring, Steel Material 12034	0	1.0000		Counted Units	Each	Tooling	Hardware	Purchased	
1.1.2	[X]	ALH-00123ASM	A	Advance Latch Housing Assembly	0	1.0000		Counted Units	Each	Pneumatic Parts	Hardware	Manufactured	
1.1.2.1	[X]	RB-0070705-01		Reset Bearing	0	1.0000		Counted Units	Each	Tooling	Hardware	Purchased	
1.1.2.2	[X]	ASS-029311-00		Advance Spring Shut Black	0	2.0000		Counted Units	Each	Pneumatic Parts	Hardware	Purchased	
1.1.2.3	[X]	AL-102975-01		Advance Latch Shaft, Steel Material 31234	0	1.0000		Counted Units	Each	Pneumatic Parts	Hardware	Purchased	
1.1.2.4	[X]	ALH-402017		Advance Latch Housing 4 Digit	0	1.0000		Counted Units	Each	Pneumatic Parts	Fabricated	Purchased	
1.1.2.5	[X]	AP-0028434	A	Advance Pin, Steel Material 20434	0	1.0000		Counted Units	Each	Pneumatic Parts	Electrical Part	Manufactured	
1.2	[X]	CR-39102ASM	A	Counter Reset Assembly	0	1.0000		Counted Units	Each	Tooling	Hardware	Manufactured	
1.2.1	[X]	GB00000X		Latch Steel Material 2244	0	4.0000		Counted Units	Each	Tooling	Hardware	Purchased	
1.2.2	[X]	RS-0019234	A	Reset Spring, Steel Material 1923	0	4.0000		Counted Units	Each	Tooling	Hardware	Manufactured	
1.2.3	[X]	TAY00LS-62394	A	Reset Latch Shaft	0	1.0000		Counted Units	Each	Tooling	Hardware	Purchased	
1.2.4	[X]	GB00004		Latch Steel Material 2245	0	4.0000		Counted Units	Each	Tooling	Hardware	Purchased	
1.3	[X]	NVA-01231ASM	A	Numbering Wheel 4 Digits Assembly	0	1.0000		Counted Units	Each	Pneumatic Parts	FG-Configured	Manufactured	
1.3.1	[X]	GB00000X		Advance Latch	0	4.0000		Counted Units	Each	Pneumatic Parts	Hardware	Purchased	
1.3.2	[X]	PA-0001389		Pin, Material 1389	0	2.0000		Counted Units	Each	Pneumatic Parts	Hardware	Purchased	
1.3.3	[X]	NWS-029312		Numbering Wheel Shaft	0	1.0000		Counted Units	Each	Pneumatic Parts	Pneumatic Parts/Comp	Purchased	
1.3.4	[X]	RNG-18900		Reset Worm Gear	0	1.0000		Counted Units	Each	Pneumatic Parts	Hardware	Purchased	
1.3.5	[X]	RP-0001769		Reset Pin, Material 1769	0	1.0000		Counted Units	Each	Pneumatic Parts	Pneumatic Parts/Comp	Purchased	
1.3.6	[X]	NW-4-08975-01		Numbering Wheel Counter	0	1.0000		Counted Units	Each	Pneumatic Parts	Hardware	Purchased	
1.3.7	[X]	GB00005		Advance Latch	0	4.0000		Counted Units	Each	Pneumatic Parts	Hardware	Purchased	
1.4	[X]	NW-17302ASM	A	Numbering Wheel Housing Assembly	0	1.0000		Counted Units	Each	Fabricated	Hardware	Manufactured	
1.4.1	[X]	SB-0293121-01		Print Head Spring Bracket SHS VEEBVAR	10	1.0000		Counted Units	Each	Pneumatic Parts/Comp	FG-Configured	Purchased	
1.4.2	[X]	ASS-029311-00		Advance Spring Shut Black	10	2.0000		Counted Units	Each	Pneumatic Parts	Hardware	Purchased	
1.4.3	[X]	RS-000556-01		Reset Spacer - STEEL	10	1.0000		Counted Units	Each	Tooling	Hardware	Purchased	
1.4.4	[X]	MC-4-0000332		4 Digit Mechanical Counter Housing	10	1.0000		Counted Units	Each	Pneumatic Parts	Hardware	Purchased	
1.4.5	[X]	CH-0210200-01		Cartridge Header	10	4.0000		Counted Units	Each	Pneumatic Parts	Hardware	Purchased	
1.4.6	[X]	SB-0293121		Print Head Spring Bracket, Material 9231	10	1.0000		Counted Units	Each	Pneumatic Parts/Comp	FG-Configured	Purchased	
1.4.7	[X]	30X100B		Bot 30" X 1.00"	10	10.0000		Counted Units	Each	Hardware	Hardware	Purchased	
1.5	[X]	AS-019280		Counter Advance Spring	0	2.0000		Counted Units	Each	Tooling	Hardware	Purchased	

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.



QBuild
CAD ERP INTEGRATION

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About QBuild

Since 2002, we have provided superior service to our customers across the globe. Our many years of experience and commitment to excellence have earned us the reputation as the best CAD ERP integrator in North America.

QBuild Service

At QBuild we believe in finding the right solution for our customers. We take the time to understand your unique needs and requirements. We put you in the driver's seat with direct access to our most experienced developers. This allows us to offer flexible, targeted customization solutions for your specific needs.