



Integrate and Synchronize your CAD data with your ERP

Overview

CADLink allows engineers to create Item Master and BOM records identical to engineering CAD 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 your CAD system 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 CAD Integration

Real-time, direct, two-way link between your CAD and your ERP means no more exporting or importing of data files. Launch directly from the CAD suite of your choice. 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 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 CAD 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.



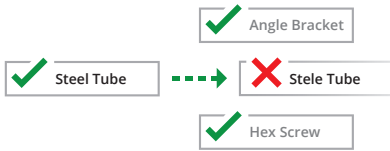
Live Data Comparison

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 CAD/PLM/PDM of your choice





Discrepancy and Error Notification

Resolve discrepancies in the CADLink interface and automatically update both your CAD 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 BOM to create a complete BOM; not just what you modeled.

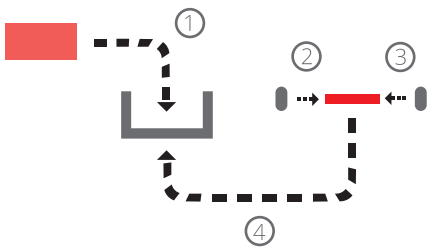
Eliminates Duplicate Manual Data Entries

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

No	Save	Part Number	Revision	Part Description	Related Operation	Unit Qty	Ref Designator	Item Class	Inventory Item	Product Group	Part
1	✓	4 Digt Print Head	A	4 Digt Mechanical Counter Assembly	0	1,000		Counted Units	Each	Pneumatic Parts	Hardware
1.1	✓	Assen104 Digt Print Head	A	Mechanical Advance Assembly	0	1,000		Counted Units	Each	Pneumatic Parts	Hardware
1.1.1	✓	Copy of Assen37Assen10_4 Digt Pri	A	Advance Latch Assembly	0	1,000		Counted Units	Each	Component Parts	Hardware
1.1.1.1	✓	ADVANCE LATCH 4 DIGIT REGULA		Advance Latch, 4 Digt	0	1,000		Counted Units	Each		
1.1.1.2	✓	Spring 3		Spring, Steel Material 12534	0	1,000		Counted Units	Each		
1.1.2	✓	Copy of Assen37Assen10_4 Digt Pri	A	Advance Latch Housing Assembly	0	1,000		Counted Units	Each	Pneumatic Parts	Hardware
1.1.2.1	✓	SPRING STD0		Advance Spring Stud Block	0	2,000		Counted Units	Each	Pneumatic Parts	Hardware
1.1.2.2	✓	Advance Latch Shaft		Advance Latch Shaft, Steel Material 31234	0	1,000		Counted Units	Each	Pneumatic Parts	Hardware
1.1.2.3	✓	Advance Latch Housing 4 Digt Print		Advance Latch Housing 4 Digt	0	1,000		Counted Units	Each	Pneumatic Parts	PC-Fabricate
1.1.2.4	✓	ADVANCE PIN		Advance Pin, Steel Material 20434	0	1,000		Counted Units	Each	Pneumatic Parts	Electrical Pie
1.1.2.5	✓	Reset Bearing		Reset Bearing	0	1,000		Counted Units	Each		
1.2	✓	Assen74 Digt Print Head	A	Counter Reset Assembly	0	1,000		Counted Units	Each	Component Parts	Hardware
1.2.1	✓	LATCH 1	3	Latch Steel Material 2345	0	4,000		Counted Units	Each	Configured Parts	Aluminum
1.2.2	✓	longer Spring		Reset Spring, Steel Material	0	4,000		Counted Units	Each		
1.2.3	✓	Latch Shaft		Reset Latch Shaft	0	1,000		Counted Units	Each		
1.3	✓	Assen74 Digt Print Head	A	Numbering Wheel 4 Digits Assembly	0	1,000		Counted Units	Each	Pneumatic Parts	FG-Config
1.3.1	✓	Thread Block 1	4	Advance Latch	0	4,000		Counted Units	Each	Pneumatic Parts	Hardware
1.3.2	✓	Pin		PN, Material 1389	0	2,000		Counted Units	Each	Pneumatic Parts	Hardware
1.3.3	✓	STD 4 Digt Printer Head Shaft		Numbering Wheel Shaft	0	1,000		Counted Units	Each	Pneumatic Parts	Hardware
1.3.4	✓	Gear 0 1020 BG		Reset Worm Gear	0	1,000		Counted Units	Each	Pneumatic Parts	Hardware
1.3.5	✓	Reset Pin 2		Reset Pin, Material 1789	0	1,000		Counted Units	Each	Pneumatic Parts	Hardware
1.3.6	✓	NUMBERING WHEELS		Numbering Wheel Counter	0	1,000		Counted Units	Each	Pneumatic Parts	Hardware
1.4	✓	Assen74 Digt Print Head	A	Numbering Wheel Housing Assembly	0	1,000		Counted Units	Each	Fabricated	Hardware
1.4.1	✓	Cartridge Heater		Cartridge Heater	0	4,000		Counted Units	Each	Pneumatic Parts	Hardware
1.4.2	✓	Print Head Spring Bracket		Print Head Spring Bracket, Material 9251	0	1,000		Counted Units	Each	Powertrain Parts/Comp	FG-Config
1.4.3	✓	SPRING STD0		Advance Spring Stud Block	0	2,000		Counted Units	Each	Pneumatic Parts	Hardware
1.4.4	✓	Spacer		ASSEMBLY: BRK-ARH, IT-S&H INPUT BRK	0	1,000		Counted Units	Each		
1.4.5	✓	4 Digt Print Head Housing		4 Digt Mechanical Counter Housing	0	1,000		Counted Units	Each	Pneumatic Parts	Hardware
1.5	✓	PRINT HEAD ADVANCE SPRING		Counter Advance Spring TEST	0	2,000		Counted Units	Each		
1.6	✓	Assen10	A	Mechanical Advance Assembly	0	1,000		Counted Units	Each	Pneumatic Parts	Hardware
1.7	✓	Assen4	A	Counter Reset Assembly TEST	0	1,000		Counted Units	Each		
1.8	✓	Assen0	A	Numbering Wheel 4 Digits Assembly	0	1,000		Counted Units	Each	Pneumatic Parts	FG-Config
1.9	✓	Assen7	A	Numbering Wheel Housing Assembly	0	1,000		Counted Units	Each	Fabricated	Hardware

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 ERP.

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

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 Software
www.QBuildSoftware.com

About QBuild

Since 2007, 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.