



# Integrate and Synchronize your CAD data with ECi M1 ERP

## Overview

CADLink allows engineers to create M1 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 M1 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 M1 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 M1 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 M1 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 ECi M1

Assign essential M1 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 M1 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 M1 ERP systems.



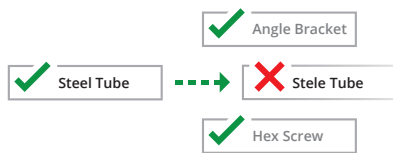
### Live Data Comparison

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 M1 ERP data. CADLink checks for critical errors and notifies the user before saving.

## Powerful Searches

Search your M1 ERP Item Master live and insert raw material items to your BOM. Search and insert non-CAD items to your M1 BOM to create a complete BOM; not just what you modeled.M1

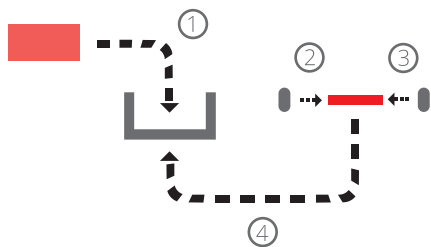
## Eliminates Duplicate Manual Data Entries

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

No	Save	Part Number	Revision	Part Description	Related Operation	Unit Qty	Uom	Part Group	Part Class	Part Type	M1 Related Operation
1.1	✓	TM00766	000	SH100 - S - M - NO CAMERA 12 SIDE PLATE	0	1.0000	EA	Tooling	Hardware	Manufactured	
1.2	✓	TM00763	000	SH100 - S - M - NO CAMERA 34 SIDE PLATE	0	1.0000	EA	Tooling	Hardware	Purchased	
1.3	✓	TM00756	000	SH100 - S - M - INSIDE COVER	0	2.0000	EA	Tooling	Hardware	Purchased	
1.4	✓	TM00762	000	SH100 - S - M - 350 - 2550	0	6.0000	EA	Tooling	Hardware	Purchased	
1.5	✓	TM00744	000	SH100 - S - M - TOP COVER	0	2.0000	EA	Tooling	Hardware	Purchased	
1.6	✓	TM00741	000	SH100 - S - M - HINGE SPACER	0	2.0000	EA	Tooling	Hardware	Purchased	
1.7	✓	TM00756	000	SH100 - S - M - EUSCHIC	0	2.0000	EA	Tooling	Hardware	Purchased	
1.8	✓	TM00769	000	SH100 - S - M - DOWEL PIN	0	2.0000	EA	Tooling	Hardware	Purchased	
1.9	✓	TM00772	000	SH100 - S - M - BOTTOM COVER	0	2.0000	EA	Tooling	Hardware	Purchased	
1.10	✓	TM00773	000	NAME PLATE	0	1.0000	EA	Tooling	Hardware	Purchased	
1.11	✓	TM00866	000	SH100 - S - M - CAMERA SLIDE ASSEMBLY	0	4.0000	EA	Tooling	Hardware	Manufactured	
1.11	✓	PV01157	001	W50 - 06	0	2.0000	EA	Tooling	Hardware	Purchased	
1.11	✓	TM00970	000	SH100 - M - CAMERA BRACKET BASE	0	1.0000	EA	Tooling	Hardware	Purchased	
1.11	✓	TM00969	000	SH100 - M - CAMERA BRACKET TOP	0	1.0000	EA	Tooling	Hardware	Purchased	
1.11	✓	DALSA CAMERA	000		0	1.0000	EA	Tooling	Hardware	Purchased	
1.11	✓	SC000044	000	CAMERA LOCK CLAMPING KNOB	0	1.0000	EA	Tooling	Hardware	Purchased	
1.11	✓	PV01158	001	WUCM - 01 - 06	0	4.0000	EA	Tooling	Hardware	Purchased	
1.12	✓	TM00748	000	SH100 - S - M - CAMERA 34 SIDE PLATE	0	1.0000	EA	Tooling	Hardware	Purchased	
1.13	✓	TM00768	000	SH100 - S - M - CAMERA 12 SIDE PLATE	0	1.0000	EA	Tooling	Hardware	Purchased	
1.14	✓	TM00749	000	SH100 - S - M - BEARING PAD	0	8.0000	EA	Tooling	Hardware	Purchased	
1.15	✓	TM00761	000	SH100 - S - M - 310 - 2550	0	1.0000	EA	Tooling	Hardware	Purchased	
1.16	✓	TM00767	000	SH100 - S - M - 330 - 2550	0	1.0000	EA	Tooling	Hardware	Purchased	
1.17	✓	RC00132	000	323 CLAMP FULL ACTION	0	1.0000	EA	Tooling	Hardware	Purchased	
1.18	✓	TM00745	000	SH100 - S - M - FRAME	0	1.0000	EA	Tooling	Hardware	Purchased	
1.19	✓	TM00740	000	SH100 - S - M - SIDE COVER	0	2.0000	EA	Tooling	Hardware	Purchased	
1.20	✓	TM00742	000	SH100 - S - M - HINGE MALE	0	2.0000	EA	Tooling	Hardware	Purchased	
1.21	✓	TM00743	000	SH100 - S - M - HINGE FEMALE	0	2.0000	EA	Tooling	Hardware	Purchased	
1.22	✓	SC000262	000	Mounting Bracket for FA-240	0	2.0000	EA	Tooling	Hardware	Purchased	
1.23	✓	SC000261	000	8" Stroke 200 lbf Force Linear Actuator	0	1.0000	EA	Tooling	Hardware	Purchased	
1.24	✓	TM00779	000	SLIDE ASSEMBLY	0	16.0000	EA	Tooling	Hardware	Manufactured	
1.2	✓	SC000192	000	Coat White Rebel LEDs, 20mm Tri-Star CoolBesse	0	1.0000	EA	Tooling	Hardware	Purchased	
1.2	✓	SC000158	000	Circle 22" Frosted Tri-LED Optic	0	1.0000	EA	Tooling	Hardware	Purchased	
1.2	✓	TM00559	000	SL LED PLASTIC COVER	0	1.0000	EA	Tooling	Hardware	Purchased	
1.2	✓	TM00564	000	SL LED BASE #5	0	1.0000	EA	Tooling	Hardware	Purchased	
1.25	✓	SC000095	000	SH100 - GAS SPRING	0	2.0000	EA	Tooling	Hardware	Manufactured	
1.2	✓	TM00751	000	GAS SPRING SIDE 2	0	1.0000	EA	Tooling	Hardware	Purchased	
1.2	✓	TM00752	000	GAS SPRING SIDE 1	0	1.0000	EA	Tooling	Hardware	Purchased	
1.2	✓	TM00750	000	GAS SPRING ROD	0	1.0000	EA	Tooling	Hardware	Purchased	
1.26	✓	FOAS-00016	000	FOAS-00016 STAND OFF	0	4.0000	EA	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 M1 ERP.
- Yellow fields highlight data discrepancy between CAD and M1 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.



## 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.