# CADLink

## Integrate and Synchronize your CAD data with eci|M1

### 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.
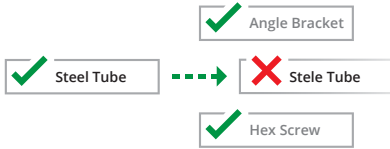
### Live Data Comparison

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

DS SOLIDWORKS · CERTIFIED Gold Product SOLIDWORKS · CERTIFIED Solution Partner SOLIDWORKS · SOLIDWORKS ENTERPRISE PDM · DS CATIA · DS SMARTEAM

AUTODESK · I A V E · Mentor Graphics · Tekla · KUBOTEK MASTER YOUR GEOMETRY

ptc · creo · windchill · Onshape A PTC Business · OrCAD CADENCE PCB SOLUTIONS · Bentley MicroStation · Altium Think it Design it Build it

cabinet vision · Technology Partner SIEMENS Digital Industries Software · TEAMCENTER · SOLID EDGE · NX · INTERGRAPH

## 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
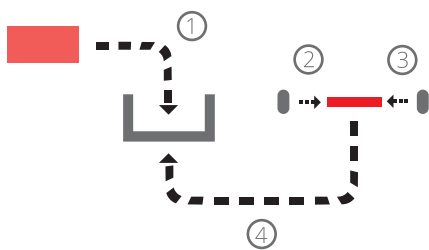
## Eliminates Duplicate Manual Data Entries

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

## 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.