CADLink

Integrate and Synchronize your CAD data with Acumatica

Overview

CADLink allows engineers to create Acumatica Inventory 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 Acumatica 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 Acumatica 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 Acumatica 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 Acumatica 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 Acumatica ERP

Assign essential Acumatica ERP fields such as BOM Type, UOM, and Effective Date using ERP drop-down menus in CADLink.

Bi-directional Data Push

Bi-directional data push keeps your CAD and Acumatica 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 Acumatica ERP systems.
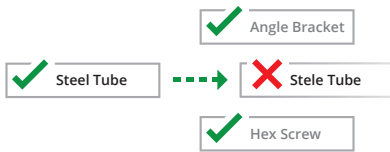
Live Data Comparison

Live comparison lets you visually review BOM changes before committing to save. Create Inventory 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 DS SOLIDWORKS | CERTIFIED Solution Partner DS SOLIDWORKS | SOLIDWORKS ENTERPRISE PDM | DS CATIA | DS SMARTEAM

AUTODESK | IAVE | Mentor Graphics | Tekla | KUBOTEK MASTER YOUR GEOMETRY

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

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

Discrepancy and Error Notification

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

Powerful Searches

Search your Acumatica ERP Part Master live and insert raw material items to your BOM. Search and insert non-CAD items to your Acumatica 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: B0300)

No	Save	ITEM	Description	Qty	Item Class	Base UOM	Item Type	Valuation Method	Tax Category	Posting Class	LotSerial Class	Default Warehouse	Mtl Part ID	Mtl Part
1	✓	MC-00129	4 Digit Mechanical Counter Assembly	1.0000	MFGFG	EA	Finished Good	Average	EXEMPT	AOL	NOTTRACKED	RETAIL		
1.1	✓	NW-17382	Numbering Wheel Housing Assembly	1.0000	MFGSUBASSY	EA	S	Average	EXEMPT	AOL	NOTTRACKED	RETAIL		
1.1.1	✓	MCH-4M00	4 Digit Mechanical Counter Housing	1.0000	ALLOTHER	EA	Finished Good	Average	EXEMPT	AOL	NOTTRACKED	RETAIL		
1.1.2	✓	2D0604-000	ASSEMBLY, BREAKER, IT-A/B	1.0000	ALLOTHER	EA	Finished Good	Average	EXEMPT	AOL	NOTTRACKED	RETAIL		
1.1.3	✓	SB-0293121	Print Head Spring Bracket	1.0000	ALLOTHER	EA	Finished Good	Average	EXEMPT	AOL	NOTTRACKED	RETAIL		
1.1.4	✓	ASS-029311	Advance Spring Stud Black	2.0000	ALLOTHER	EA	Finished Good	Average	EXEMPT	AOL	NOTTRACKED	RETAIL		
1.1.5	✓	CH-0219200	Cartridge Heater	4.0000	ALLOTHER	EA	Finished Good	Average	EXEMPT	AOL	NOTTRACKED	RETAIL		
1.2	✓	CR-39102	Counter Reset Assembly TEST	1.0000	MFGSUBASSY	EA	S	Average	EXEMPT	AOL	NOTTRACKED	RETAIL		
1.2.1	✓	TAYOB-L-00	Latch Product	4.0000	ALLOTHER	EA	Finished Good	Average	EXEMPT	AOL	NOTTRACKED	RETAIL		
1.2.2	✓	RS-0019234-1	Reset Spring, Steel Material	4.0000	ALLOTHER	EA	Finished Good	Average	EXEMPT	AOL	NOTTRACKED	RETAIL		
1.2.3	✓	TAYOB-LS-62384-1	Reset Latch Shaft	1.0000	ALLOTHER	EA	Finished Good	Average	EXEMPT	AOL	NOTTRACKED	RETAIL		
1.3	✓	AS-0192801	Counter Advance Spring	2.0000	ALLOTHER	EA	Finished Good	Average	EXEMPT	AOL	NOTTRACKED	RETAIL		
1.4	✓	CRT-00112	Mechanical Advance Assembly	1.0000	MFGSUBASSY	EA	S	Average	EXEMPT	AOL	NOTTRACKED	RETAIL		
1.4.1	✓	ALH-08123	Advance Latch Housing Assembly	1.0000	MFGSUBASSY	EA	S	Average	EXEMPT	AOL	NOTTRACKED	RETAIL		
1.4.1.1	✓	ASS-029311	Advance Spring Stud Black	2.0000	ALLOTHER	EA	Finished Good	Average	EXEMPT	AOL	NOTTRACKED	RETAIL		
1.4.1.2	✓	ALH-40028	Advance Latch Housing 4 Digit	1.0000	ALLOTHER	EA	Finished Good	Average	EXEMPT	AOL	NOTTRACKED	RETAIL		
1.4.1.3	✓	AP-0028434	Advance Pin, Steel Material 28434	1.0000	ALLOTHER	EA	Finished Good	Average	EXEMPT	AOL	NOTTRACKED	RETAIL		
1.4.1.4	✓	AL-192312	Advance Latch Shaft, Steel Material 31234	1.0000	ALLOTHER	EA	Finished Good	Average	EXEMPT	AOL	NOTTRACKED	RETAIL		
1.4.1.5	✓	RB-0978075	Reset Bearing	1.0000	ALLOTHER	EA	Finished Good	Average	EXEMPT	AOL	NOTTRACKED	RETAIL		
1.4.2	✓	AL-00132ASM	Advance Latch Assembly	1.0000	ALLOTHER	EA	Finished Good	Average	EXEMPT	AOL	NOTTRACKED	RETAIL		
1.4.2.1	✓	AL-400291	Advance Latch, 4 Digit	1.0000	ALLOTHER	EA	Finished Good	Average	EXEMPT	AOL	NOTTRACKED	RETAIL		
1.4.2.2	✓	SS-00012834	Spring, Steel Material 12834	1.0000	ALLOTHER	EA	Finished Good	Average	EXEMPT	AOL	NOTTRACKED	RETAIL		
1.5	✓	NWA-0123	Numbering Wheel 4 Digits Assembly	1.0000	ALLOTHER	EA	Finished Good	Average	EXEMPT	AOL	NOTTRACKED	RETAIL		
1.5.1	✓	RP-0001789	Reset Pin, Material 1789	1.0000	ALLOTHER	EA	Finished Good	Average	EXEMPT	AOL	NOTTRACKED	RETAIL		
1.5.2	✓	NW-4-8975	Numbering Wheel Counter	1.0000	ALLOTHER	EA	Finished Good	Average	EXEMPT	AOL	NOTTRACKED	RETAIL		
1.5.3	✓	RWG-18920	Reset Worm Gear	1.0000	ALLOTHER	EA	Finished Good	Average	EXEMPT	AOL	NOTTRACKED	RETAIL		
1.5.4	✓	LATCHCAM	Advance Latch Cam	4.0000	ALLOTHER	EA	Finished Good	Average	EXEMPT	AOL	NOTTRACKED	RETAIL		
1.5.5	✓	PM-0001389	Pin, Material 1389	2.0000	ALLOTHER	EA	Finished Good	Average	EXEMPT	AOL	NOTTRACKED	RETAIL		
1.5.6	✓	NWS-029312	Numbering Wheel Shaft	1.0000	ALLOTHER	EA	Finished Good	Average	EXEMPT	AOL	NOTTRACKED	RETAIL		
1.6	✓	NWA-01231	Numbering Wheel 4 Digits Assembly	1.0000	MFGSUBASSY	EA	S	Average	EXEMPT	AOL	NOTTRACKED	RETAIL		

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.

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.

Color Coded Changes

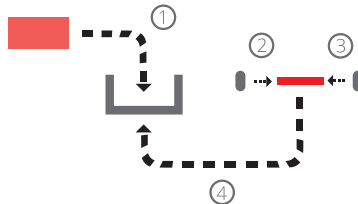Engineers can easily see the effects of changes to ERP and CAD data.

Green fields represent new parts that will be created in Acumatica.

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

Gray fields represent parts to be removed from your BOM.

Quick and Easy Routing Interface

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

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

We believe in finding the right solution for our customers. We take the time to understand your unique needs and requirements. Putting you in the driver's seat with direct access to our most experienced developers, we offer flexible, targeted tailored solutions.