




Integrate and Synchronize your CAD data with 

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 Visibility 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 Visibility 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 Visibility 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 Visibility 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 Visibility

Assign essential Visibility fields such as Product Code, UOM, and Part Type using Visibility drop-down menus in CADLink.



Bi-directional Data Push

Bi-directional data push keeps your CAD and Visibility engineering data synchronized and up-to-date. Critical information such as part quantity and material selection will be kept consistent throughout your CAD and Visibility systems.



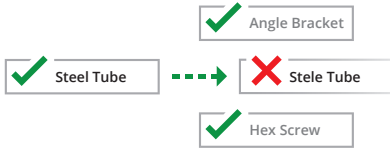
Live Data Comparison

Live comparison lets you visually review BOM changes before committing to save. Create Visibility 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 Visibility data. CADLink checks for critical errors and notifies the user before saving.

Powerful Searches

Search your Visibility 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.

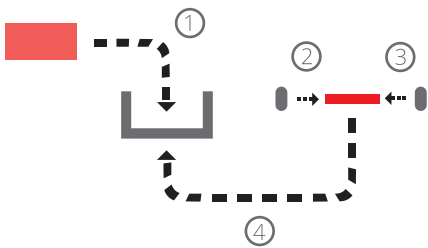
Eliminates Duplicate Manual Data Entries

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

No	Save	Part Number	Revision	Part Description	Related Operation	Unit Qty	Ref Designators	Item Class	Inventory Item	Product Group	Part
1	<input checked="" type="checkbox"/>	4 Digt Print Head	A	4 Digt Mechanical Counter Assembly	0	1,000		Counted Units	Each	Pneumatic Parts	Hardware
1.1	<input checked="" type="checkbox"/>	Assem104 Digt Print Head	A	Mechanical Advance Assembly	0	1,000		Counted Units	Each	Pneumatic Parts	Hardware
1.1.1	<input checked="" type="checkbox"/>	Copy of Assem104 Assem10_4 Digt Pr	A	Advance Latch Assembly	0	1,000		Counted Units	Each	Component Parts	Hardware
1.1.1.1	<input checked="" type="checkbox"/>	ADVANCE LATCH 4 DIGIT REGULA		Advance Latch, 4 Digt	0	1,000		Counted Units	Each		
1.1.1.2	<input checked="" type="checkbox"/>	Spring 3		Spring, Steel Material 12034	0	1,000		Counted Units	Each		
1.1.2	<input checked="" type="checkbox"/>	Copy of Assem104 Assem10_4 Digt Pr	A	Advance Latch Housing Assembly	0	1,000		Counted Units	Each	Pneumatic Parts	Hardware
1.1.2.1	<input checked="" type="checkbox"/>	SPRING STD		Advance Spring Shaft Block	0	2,000		Counted Units	Each	Pneumatic Parts	Hardware
1.1.2.2	<input checked="" type="checkbox"/>	Advance Latch Shaft		Advance Latch Shaft, Steel Material 31234	0	1,000		Counted Units	Each	Pneumatic Parts	Hardware
1.1.2.3	<input checked="" type="checkbox"/>	Advance Latch Housing 4 Digt Print		Advance Latch Housing 4 Digt	0	1,000		Counted Units	Each	Pneumatic Parts	FG-Config
1.1.2.4	<input checked="" type="checkbox"/>	ADVANCE PIN		Advance Pin, Steel Material 20434	0	1,000		Counted Units	Each	Pneumatic Parts	Electrical Pa
1.1.2.5	<input checked="" type="checkbox"/>	Reset Bearing		Reset Bearing	0	1,000		Counted Units	Each		
1.2	<input checked="" type="checkbox"/>	Assem104 Digt Print Head	A	Counter Reset Assembly	0	1,000		Counted Units	Each	Component Parts	Hardware
1.2.1	<input checked="" type="checkbox"/>	LATCH1	3	Latch Steel Material 2345	0	4,000		Counted Units	Each	Configured Parts	Aluminum
1.2.2	<input checked="" type="checkbox"/>	longer Spring		Reset Spring, Steel Material	0	4,000		Counted Units	Each		
1.2.3	<input checked="" type="checkbox"/>	Latch Shaft		Reset Latch Shaft	0	1,000		Counted Units	Each		
1.3	<input checked="" type="checkbox"/>	Assem104 Digt Print Head	A	Numbering Wheel 4 Digits Assembly	0	1,000		Counted Units	Each	Pneumatic Parts	FG-Config
1.3.1	<input checked="" type="checkbox"/>	Thread Block 1	4	Advance Latch	0	4,000		Counted Units	Each	Pneumatic Parts	Hardware
1.3.2	<input checked="" type="checkbox"/>	Pin		Pin, Material 1389	0	2,000		Counted Units	Each	Pneumatic Parts	Hardware
1.3.3	<input checked="" type="checkbox"/>	STD 4 Digt Printer Head Shaft		Numbering Wheel Shaft	0	1,000		Counted Units	Each	Pneumatic Parts	Pneumatic P
1.3.4	<input checked="" type="checkbox"/>	Gear 0 1020 B0		Reset Worm Gear	0	1,000		Counted Units	Each	Pneumatic Parts	Hardware
1.3.5	<input checked="" type="checkbox"/>	Reset Pin 2		Reset Pin, Material 1789	0	1,000		Counted Units	Each	Pneumatic Parts	Pneumatic P
1.3.6	<input checked="" type="checkbox"/>	NUMBERING WHEELS		Numbering Wheel Counter	0	1,000		Counted Units	Each	Pneumatic Parts	Hardware
1.4	<input checked="" type="checkbox"/>	Assem104 Digt Print Head	A	Numbering Wheel Housing Assembly	0	1,000		Counted Units	Each	Fabricated	Hardware
1.4.1	<input checked="" type="checkbox"/>	Cartridge Header		Cartridge Header	0	4,000		Counted Units	Each	Pneumatic Parts	Hardware
1.4.2	<input checked="" type="checkbox"/>	Print Head Spring Bracket		Print Head Spring Bracket, Material 9231	0	1,000		Counted Units	Each	Powertrain Parts/Comp	FG-Config
1.4.3	<input checked="" type="checkbox"/>	SPRING STD		Advance Spring Shaft Block	0	2,000		Counted Units	Each	Pneumatic Parts	Hardware
1.4.4	<input checked="" type="checkbox"/>	Spacer		ASSEMBLY BREAKER, IT-549 INPUT BRKR	0	1,000		Counted Units	Each		
1.4.5	<input checked="" type="checkbox"/>	4 Digt Print Head Housing		4 Digt Mechanical Counter Housing	0	1,000		Counted Units	Each	Pneumatic Parts	Hardware
1.5	<input checked="" type="checkbox"/>	PRINT HEAD ADVANCE SPRING		Counter Advance Spring TEST	0	2,000		Counted Units	Each		
1.6	<input checked="" type="checkbox"/>	Assem10	A	Mechanical Advance Assembly	0	1,000		Counted Units	Each	Pneumatic Parts	Hardware
1.7	<input checked="" type="checkbox"/>	Assem10	A	Counter Reset Assembly TEST	0	1,000		Counted Units	Each		
1.8	<input checked="" type="checkbox"/>	Assem10	A	Numbering Wheel 4 Digits Assembly	0	1,000		Counted Units	Each	Pneumatic Parts	FG-Config
1.9	<input checked="" type="checkbox"/>	Assem10	A	Numbering Wheel Housing Assembly	0	1,000		Counted Units	Each		

Quick and Easy Routing Interface

CADLink offers a simple interface for creating and assigning Visibility 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 Visibility and CAD data.

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

Yellow fields highlight data discrepancy between CAD and Visibility 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
CAD ERP INTEGRATION

@QBuild

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.