

QBuild Software Solution Products

CADLink

CAD Interface system that connects your design information to your ERP.

ECN Manager

Ties your ERP CAD information with your Engineering change process.

PartSurfer

Simple, read-only part search application.

Time Sheet

Track engineering time to properly calculate actual cost.

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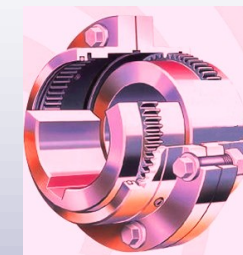
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ECN Manager

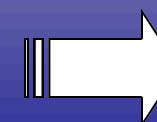
*Integrate your
Engineering
Change Process
with your ERP*

ECN Manager creates the building blocks that will allow you to automate and integrate your entire revision and Engineering Change Order Process. The ECN Manager module bolts onto CADLink providing engineers with critical change information such as inventory, open work orders and sales orders as engineering changes are made. This allows your engineering team to make informed decision regarding stock disposition and inventory rework requirements.



The ECN Manager distribution system ensure the right people are notified and customer orders are properly handled. The multiple approval system has the flexibility to allow both Engineering and non-Engineering personnel to approve ECN's before they are released it the shop floor.

Free Demo



info@QBuildsoftware.com

Product Features

- ∂ Real time two way link between CAD and ERP Data.
- ∂ Truly paperless ECN generation and approval integration. Never loose another ECN!
- ∂ Works with AutoCAD, CATIA, Inventor, Pro E, SolidEdge and SolidWorks.
- ∂ Single Interface for Bill of Material change documentation, Where Used, Order and Inventory Disposition Recommendations and Manufacturing Routings
- ∂ Automatic update of change information in Notes or PartsInfo tables.
- ∂ **Engineering Manager Dashboard** helps you control the change process and understand where your costs are.
- ∂ HTML Viewer allows non-CAD users to view ECNs

Direct Cost Saving Benefits

Eliminate Engineering ERP Clerical Work—With the ECN Manager your engineering team can focus on what they do best: Engineering. Double and triple data entries, photocopying and physical ECN delivery are eliminated and engineering information is entered into an ECN database from your CAD package in one simplified interface. This frees up engineering staff and reduces your engineering costs.

Correct Work Flow is always followed—One of the most important benefits of QBuild's ECN Manager is that we work with you to ensure all critical steps and only the critical steps in your process are followed. We map out your process and develop forms that contain all the data and exactly the functionality you need. No more and no less. This service delivers yearly cost savings that pay back your investment into ECN Manager in six months.

ECN Manager

The screenshot displays the ECN Manager interface for ECN [E1009]. The top section shows the ECN details: ECN No. E1009, Reason For Change: "During assembly it was noticed by Bob that one of the bolts on the assembly was rubbing against the wire harness, and would in some cases snag and limit the boom movement. This was fixed on the shop floor by", ECN Date: 10/10/2006, Designer: Joe Designer, and Title: Sample ECN - Modification to ASSY.

Below this is the Change Request Information section, including Request No. CR-0904, Date: 10/10/2006, Requested By: Bob Builder, and a detail: "During refit it was noticed that one of the bolts previously used on this assembly was not required, and was in fact limiting the movement of the boom".

The right side shows the Copies To list, which includes Joe Designer, Frank Cadly, Management, Hanz Confrenco, Andy Watercooler, Manufacturing, Bob Builder, and Eldon Letric.

The bottom section features the Approval Trail table and the ECO Management Console dashboard. The Approval Trail table is as follows:

Sequence	Approval Type	Contact Name
1	Peer	Joe Designer
2	Peer	Not Set
3	Peer	Not Set
4	Other	Bob Builder
5	Other	Not Set
6	Supervisor	Random Manager
7	Final	Engineering Manager

The dashboard includes several charts: ECNs By Week, ECN Types by Week, and Cost Change. The Manager Functions panel on the right lists actions like Approve ECN, Decline ECN, Hold ECN, and Search ECNs.

Vault / ePDM / PLM

Often third party software is critical to meet all your requirements for ECN process control. We work with you to select the right Vault or ePDM/PLM software you need. We integrate this with your ERP and CAD systems to give you a single, seamless interface for handling Engineering Change in your organization.

Distribution

The ECN Manager distribution system makes it easy for users to keep the right people or departments of people informed. The distribution list can optionally autocheck people based on parts disposition—parts on hand being obsolete means Materials Manager must receive notification

The multiple approval system has the flexibility to allow both Engineering and non-Engineering personnel to approve ECNs before they are released to the shop floor.

This close-up shows the 'Copies To' list with the following items checked: Joe Designer, Management, Hanz Confrenco, Andy Watercooler, Bob Builder, and Eldon Letric. Frank Cadly is unchecked.

Contact us to set up a Free Demo Today!!