



ECN Manager – User Manual

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Welcome to ECN Manager

ECN Manager automates and integrates your entire revision and Engineering Change Order Process. The ECN Manager module can bolt 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.

Distribution, Notification and Approval Functions

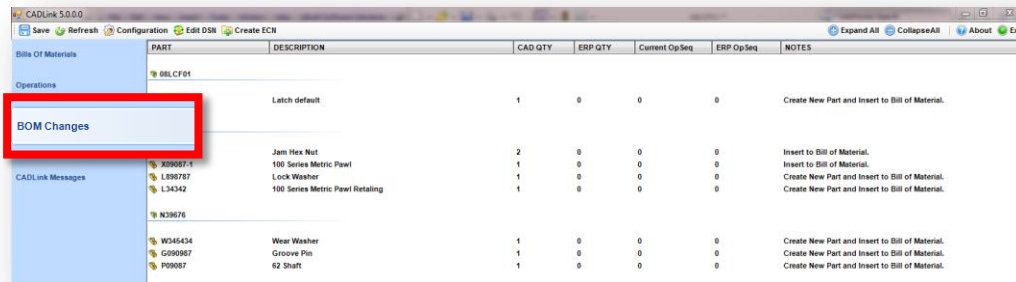
The ECN Manager distribution system ensures the right people are notified and customer orders are properly handled. The multiple approval system has the flexibility to allow both Engineering and non-Engineering personnel to approve ECN's before they are released it the shop floor.

Getting Started

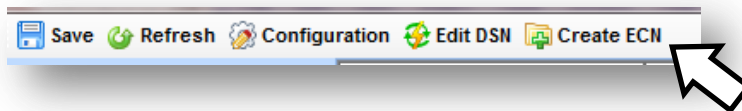


NOTE: If you are running ECN Manager Bolt on to CADLink, you must have CADLink installed before installing ECN Manager.

1. Open a drawing or model using your CAD software.
2. Click **QBuild Software Solutions** on the toolbar. The CADLink window appears.
3. In order to run ECN Manager you need to be on the **BOM Changes** tab.




4. Click the **Create ECN** button. This creates an ECN from your changes tab.



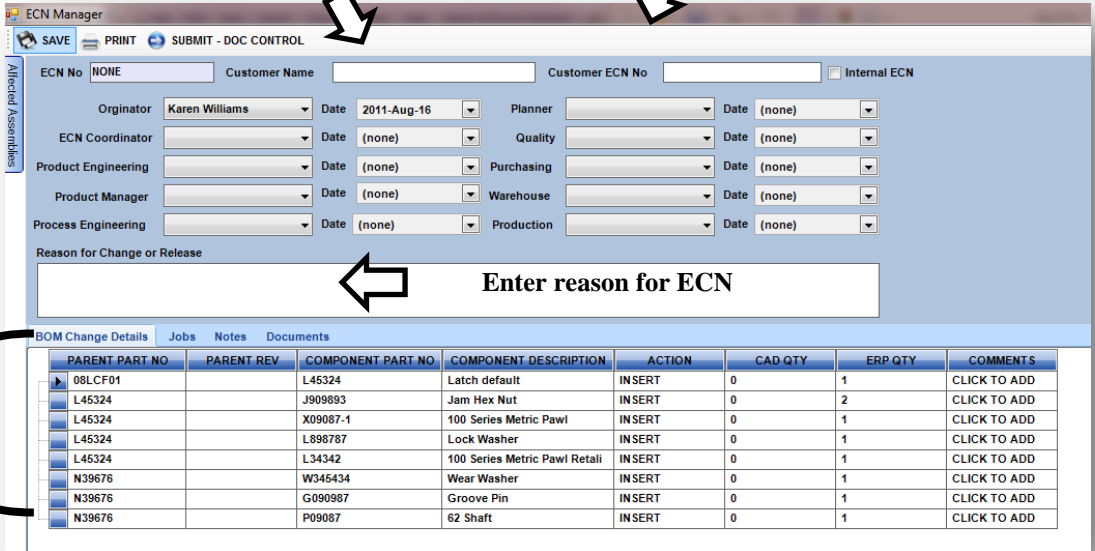
Creating & Submitting an ECN

If you are using the **ECN Manager** bolt to CADLink on, the ECN Manager page appears after you click on **Create ECN**.

If you using **ECN Manager Standalone**, you need to click on the **ECN** icon: 

Enter the values into the fields and then submit the information.

Enter Customer Name **Enter Customer ECN # If any**



Enter reason for ECN

This BOM Changes information is generated if **ECN Manager** is Bolt onto CADLink.

PARENT PART NO	PARENT REV	COMPONENT PART NO	COMPONENT DESCRIPTION	ACTION	CAD QTY	ERP QTY	COMMENTS
08LCF01		L45324	Latch default	INSERT	0	1	CLICK TO ADD
L45324		J909893	Jam Hex Nut	INSERT	0	2	CLICK TO ADD
L45324		X09087-1	100 Series Metric Pawl	INSERT	0	1	CLICK TO ADD
L45324		L898787	Lock Washer	INSERT	0	1	CLICK TO ADD
L45324		L34342	100 Series Metric Pawl Retail	INSERT	0	1	CLICK TO ADD
N39676		W345434	Wear Washer	INSERT	0	1	CLICK TO ADD
N39676		G090987	Groove Pin	INSERT	0	1	CLICK TO ADD
N39676		P09087	62 Shaft	INSERT	0	1	CLICK TO ADD

If it is **ECN Manager Standalone**, use the following interface to pull BOM's from your ERP.

Search for ERP parts

Type the information and press enter key to search for matching records

Part number:

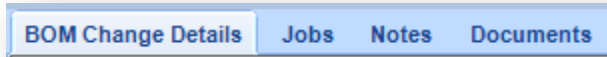
Description:

Part	Description	Search	Type	BOM	Non-Stock Item	Group	
1050100	Steel Tubing, Rou	Steel Tu	P	<input type="checkbox"/>	<input type="checkbox"/>		
DCCD-300-OR	Steel O-Ring	O-Ring	M	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MBLD	MACH
Steel	Steel for Quotes	Steel	P	<input type="checkbox"/>	<input type="checkbox"/>	SVCS	STEE
TS-CR-RD-600/4	Steel Tube 6" O.	Steel Tu	P	<input type="checkbox"/>	<input type="checkbox"/>	FABP	STEE
TS-HR-RD-150	Steel Tube 1.50 R	Steel Tu	P	<input type="checkbox"/>	<input type="checkbox"/>	FABP	STEE

Accept Cancel

Tab Information

The different tabs allow you to view, save and keep documents within ECN Manager.



BOM Change Details: Allows the user to see the ECN changes to the BOM.

Jobs: Allows the user to view any jobs affected by this ECN.

Notes: Allows the user to add any notes to the ECN.

Documents: Allows the user to upload documents related to this ECN.

Affected Assemblies: Allows user to see any assemblies affected by ECN and then assign actions to several users responsible.

ECN Manager

SAVE PRINT SUBMIT - DOC CONTROL

ECN No Customer Name Customer ECN No Internal ECN

Originator Date Planner Date

ECN Coordinator Date Quality Date

Product Engineering Date Purchasing Date

Product Manager Date Warehouse Date

Process Engineering Date Production Date

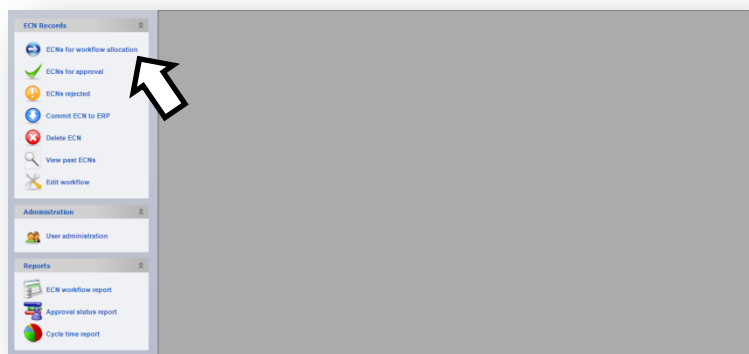
Reason for Change or Release

Workflow Allocation

Click on the **ECN Manager** icon



The ECN Manager screen appears:



1. Select **ECNs for workflow allocation**
2. All the ECN's that require workflow display.
3. Select the ECN.

ECN NO	PART NO	PART REV	CUSTOMER NAME	ORIGINATOR	STATUS
ECN10573	08LCF01			Karen Williams	D
ECN10577	08LCF01			Karen Williams	D
ECN10578	08LCF01			Karen Williams	D
ECN10579	10684765-011_A			Karen Williams	D
ECN10580	08LCF01			Karen Williams	D
ECN10582	N39676			Karen Williams	D
ECN10584	AA02121		Honeywell	Karen Williams	D
ECN10585	LCF01		Honeywell	Karen Williams	D
ECN10586	F01		Honeywell	Karen Williams	D
ECN10588	08LCF01			Karen Williams	D
ECN10590	08LCF01		Honeywell	Karen Williams	D

4. Select users from the drop-down menu.

DEPARTMENT	FULL NAME	EMAIL ADDRESS	WINDOWS LOGIN
Admin	Kevin McHale	Kmchale@ts3tech	KEVMCH1
Cables	Jennifer Tran	jtran@ts3technol	JENTRA
ECN Coordinator	Pamela Reynolds	preynolds@ts3tec	PREYNOLDS
ECN Coordinator	Qbuild	vgeorge@ts3tech	QBUILDFTP
ECN Coordinator	Tina Solis	tsolis@ts3technol	TINSOL
ECN Coordinator	Jacki George	vgeorge@ts3tech	VGEORGE
Expeditor	Kent Nelson	knelson@ts3tech	KNELSON
Expeditor	Blanch Rodriguez	brodriguez@ts3te	BRODRIGUEZ

5. To assign a task to a department, select **Assign Group**.

DEPARTMENT	FULL NAME	EMAIL ADDRESS	WINDOWS LOGIN
Admin	Kevin McHale	Kmchale@ts3tech	KEVMCH1
Cables	Jennifer Tran	jtran@ts3technol	JENTRA
ECN Coordinator	Pamela Reynolds	preynolds@ts3tec	PREYNOLDS
ECN Coordinator	Qbuild	vgeorge@ts3tech	QBUILDFTP
ECN Coordinator	Tina Solis	tsolis@ts3technol	TINSOL
ECN Coordinator	Jacki George	vgeorge@ts3tech	VGEORGE
Expeditor	Kent Nelson	knelson@ts3tech	KNELSON
Expeditor	Blanch Rodriguez	brodriguez@ts3te	BRODRIGUEZ

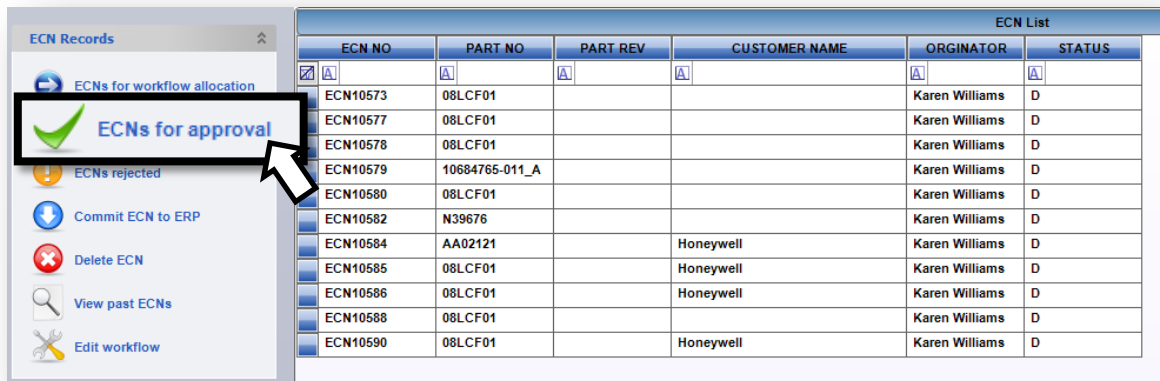
6. When you are finished, click on **SUBMIT -APPROVAL**



Approving and Rejected ECN's

When using ECN Manager, users can view all the ECN's that have been assigned to them. They can also view what ECN's have been rejected.

ECN's for approval



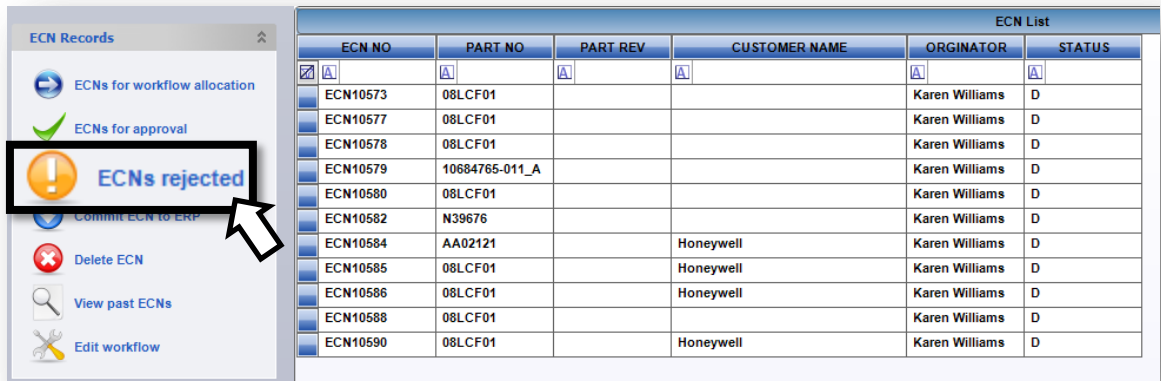
The screenshot shows the 'ECN Records' sidebar with the 'ECN's for approval' tab highlighted. The main table, titled 'ECN List', contains the following data:

ECN NO	PART NO	PART REV	CUSTOMER NAME	ORIGINATOR	STATUS
ECN10573	08LCF01			Karen Williams	D
ECN10577	08LCF01			Karen Williams	D
ECN10578	08LCF01			Karen Williams	D
ECN10579	10684765-011_A			Karen Williams	D
ECN10580	08LCF01			Karen Williams	D
ECN10582	N39676			Karen Williams	D
ECN10584	AA02121		Honeywell	Karen Williams	D
ECN10585	08LCF01		Honeywell	Karen Williams	D
ECN10586	08LCF01		Honeywell	Karen Williams	D
ECN10588	08LCF01			Karen Williams	D
ECN10590	08LCF01		Honeywell	Karen Williams	D

Click **ECN's for approval** to list all the ECN's assign to the user. The user can then select which ECN to work on.

ECN's rejected

Any ECN that have been rejected by the user's manager can be found under the **ECN's rejected** tab.



The screenshot shows the 'ECN Records' sidebar with the 'ECN's rejected' tab highlighted. The main table, titled 'ECN List', contains the same data as the previous screenshot:

ECN NO	PART NO	PART REV	CUSTOMER NAME	ORIGINATOR	STATUS
ECN10573	08LCF01			Karen Williams	D
ECN10577	08LCF01			Karen Williams	D
ECN10578	08LCF01			Karen Williams	D
ECN10579	10684765-011_A			Karen Williams	D
ECN10580	08LCF01			Karen Williams	D
ECN10582	N39676			Karen Williams	D
ECN10584	AA02121		Honeywell	Karen Williams	D
ECN10585	08LCF01		Honeywell	Karen Williams	D
ECN10586	08LCF01		Honeywell	Karen Williams	D
ECN10588	08LCF01			Karen Williams	D
ECN10590	08LCF01		Honeywell	Karen Williams	D

Commit ECN to ERP

Use the **Commit ECN to ERP** option to push the BOM Changes details to your ERP Database.

ECN Records

- ECNs for workflow allocation
- ECNs for approval
- ECNs rejected
- Commit ECN to ERP**
- Delete ECN
- View past ECNs
- Edit workflow

ECN NO	PART NO	PART REV	CUSTOMER NAME	ORIGINATOR	STATUS
ECN10558	PART-CONSOLI		PATHFINDER	Henry H. Nguyen	A
ECN10563	MAX-215-1957-2	C	MAXVISION	Tim Jones	A
ECN10565	OCN-0331107		OCEANEERING	Henry H. Nguyen	A

Select the ECN. Click **Commit to ERP**.

Commit - ERP

ECN No: ECN10558 Customer Name: PATHFINDER Customer ECN No: N/A Internal ECN:

Originator: Henry H. Nguyen Date: 2010-May-06 Planner: Assign Group: (none) Date: (none)

ECN Coordinator: Tina Solis Assign Group: Date: 2010-May-07 Quality: Assign Group: (none) Date: (none)

Product Engineering: Henry H. Nguyen Assign Group: Date: 2010-May-07 Purchasing: David McGeehon Assign Group: Date: 2010-May-07

Product Manager: Jeff Debaker Assign Group: Date: 2010-May-07 Warehouse: Tong Lieng Assign Group: Date: 2010-May-07

Process Engineering: Assign Group: Date: (none) Production: Assign Group: Date: (none)

Reason for Change or Release
CONSOLIDATE PATHFINDER MULTI-REV COMPONENTS, INTERNAL DOC CHANGE ONLY, ENGINEERING/DOCUMENTATION PURPOSE ONLY, NO ACTUAL CHANGE TO ANY BOM WHERE THESE COMPONENTS ARE USED ON

PARENT PART NO	PARENT REV	COMPONENT PART NO	COMPONENT DESCRIPTION	ACTION	CAD QTY	ERP QTY	COMMENTS
PART-CONSOLIDA	ENG	PAT-000.60183	RES SM 20K-OBS PER ECN#	INSERT	0	0	CLICK TO VIEW
PART-CONSOLIDA	ENG	PAT-000.60183	RES SM 20K OHM 1/8W 1%	INSERT	0	0	CLICK TO VIEW
PART-CONSOLIDA	ENG	PAT-000.99359	RES,4.99K,1/8W,1%-OBS PE	INSERT	0	0	CLICK TO VIEW
PART-CONSOLIDA	ENG	PAT-000.99359	RES,4.99K,1/8W,1%,70C,MF,	INSERT	0	0	CLICK TO VIEW
PART-CONSOLIDA	ENG	PAT-50049	CAP SM 300PF-OBS PER EC	INSERT	0	0	CLICK TO VIEW
PART-CONSOLIDA	ENG	PAT-777.92194	CAP,47UF,20V-OBS PER EC	INSERT	0	0	CLICK TO VIEW
PART-CONSOLIDA	ENG	PAT-777.92194	CAP,47UF,20V,20%,TANT,73	INSERT	0	0	CLICK TO VIEW
PART-CONSOLIDA	ENG	PAT-777.93038	RES SM 249 OHM 0.1W 0.1%	INSERT	0	0	CLICK TO VIEW
PART-CONSOLIDA	ENG	PAT-777.94030	IC,EEPROM,CMOS-OBS PER	INSERT	0	0	CLICK TO VIEW
PART-CONSOLIDA	ENG	PAT-777.94423	CAP 33UF 16V 20%-OBS PE	INSERT	0	0	CLICK TO VIEW
PART-CONSOLIDA	ENG	PAT-777.94423	CAP,33UF,16V,20%,LOW ES	INSERT	0	0	CLICK TO VIEW
PART-CONSOLIDA	ENG	PAT-777.94501	SCREWLOCK,OBS PER ECN	INSERT	0	0	CLICK TO VIEW
PART-CONSOLIDA	ENG	PAT-777.99608	CAP SM 300PF 50V 10% CO	INSERT	0	0	CLICK TO VIEW
PART-CONSOLIDA	ENG	PAT-779.02890	CAP,4.7UF,50V-OBS PER EC	INSERT	0	0	CLICK TO VIEW
PART-CONSOLIDA	ENG	PAT-779.02890	CAP,4.7UF,50V,10%,125C,TA	INSERT	0	0	CLICK TO VIEW
PART-CONSOLIDA	ENG	PAT-779.03365	RES 11.1K 1/8W-OBS PER E	INSERT	0	0	CLICK TO VIEW
PART-CONSOLIDA	ENG	PAT-779.03365	RES 11.1K OHM 1/8W .1% 08	INSERT	0	0	CLICK TO VIEW
PART-CONSOLIDA	ENG	PAT-779.07640	TRANSI SM SOT23-OBS PER	INSERT	0	0	CLICK TO VIEW
PART-CONSOLIDA	ENG	PAT-779.07640	TRANS,40V,.6A,NPN,350MW,	INSERT	0	0	CLICK TO VIEW
PART-CONSOLIDA	ENG	PAT-779.07641	TRANSI SM SOT23-OBS PER	INSERT	0	0	CLICK TO VIEW
PART-CONSOLIDA	ENG	PAT-779.07641	TRANS,40V,.6A,PNP,350MW,	INSERT	0	0	CLICK TO VIEW
PART-CONSOLIDA	ENG	PAT-779.13475	RES, 8K, 0.3W-OBS PER EC	INSERT	0	0	CLICK TO VIEW
PART-CONSOLIDA	ENG	PAT-779.13475	RES,8K,0.3W 0.01%,0805	INSERT	0	0	CLICK TO VIEW
PART-CONSOLIDA	ENG	PAT-779.90432	RES SM 12.1 1/4W 1% 1206 1	INSERT	0	0	CLICK TO VIEW
PART-CONSOLIDA	ENG	PAT-779.90432	RES SM 12.1 1/4W-OBS PER	INSERT	0	0	CLICK TO VIEW

Delete ECN

ECN's that have been deleted from ECN Manager can also be tracked on the **Delete ECN** tab.

The screenshot shows the ECN Manager interface. On the left sidebar, under the 'Delete ECN' section, a red button with a white 'X' icon and the text 'Delete ECN' is highlighted with a white arrow. The main area displays a table titled 'ECN List' with the following columns: ECN NO, PART NO, PART REV, CUSTOMER NAME, ORIGINATOR, STATUS, and DELETE. The table contains 30 rows of data, all with a 'DELETE' status.

ECN NO	PART NO	PART REV	CUSTOMER NAME	ORIGINATOR	STATUS	DELETE
ECN10146	SV-PWRPRO-RO	H	SAFETY VISION	Henry H. Nguyen	O	DELETE
ECN10218	SCH-S-400204	AA	Schlumberger	Tim Jones	R	DELETE
ECN10335	PAT-777.91096	C	PATHFINDER	Henry H. Nguyen	O	DELETE
ECN10473	HAL-101750953	A		David Williams	O	DELETE
ECN10484	PAT-CONSOLID		PATHFINDER	Henry H. Nguyen	O	DELETE
ECN10494	PAT-779.08704	A	PATHFINDER	Henry H. Nguyen	O	DELETE
ECN10497	TNI-A1-10333	G	Transition Networks	Karen Williams	O	DELETE
ECN10548	HYD-AA5160014	C2	HYDRIL	Henry H. Nguyen	S	DELETE
ECN10558	PART-CONSOLI		PATHFINDER	Henry H. Nguyen	A	DELETE
ECN10559	TNI-CPSMC0100	M	Transition Networks	Karen Williams	R	DELETE
ECN10561	PAT-779.14427		PATHFINDER	Henry H. Nguyen	O	DELETE
ECN10563	MAX-215-1957-2	C	MAXVISION	Tim Jones	A	DELETE
ECN10564	BMK-0100-02157	002	Benchmark	Rita Caghan	S	DELETE
ECN10565	OCN-0331107		OCEANEERING	Henry H. Nguyen	A	DELETE
ECN10566	TNI-AVL-BOM	000	Transition Networks	Karen Williams	S	DELETE
ECN10567	PAT-779.13281	01	PATHFINDER	Henry H. Nguyen	O	DELETE
ECN10568	MIC-220411-PL-0	B	MICROTESLA	Tina Solis	S	DELETE
ECN10569	MIC-220425-PL-0	B	MICROTESLA	Tina Solis	S	DELETE
ECN10570	MAX-215-0641-8		MAXVISION	Thu Pham	S	DELETE
ECN10571	TNI-A1-11229	D	QBuild Software	Karen Williams	O	DELETE
ECN10572	08LCF01			Karen Williams	S	DELETE
ECN10573	08LCF01			Karen Williams	D	DELETE
ECN10574	08LCF01		HONEYWELL	Karen Williams	S	DELETE
ECN10575	08LCF01		Honeywell	Karen Williams	S	DELETE
ECN10576	08LCF01		Honeywell	Karen Williams	S	DELETE
ECN10577	08LCF01			Karen Williams	D	DELETE
ECN10578	08LCF01			Karen Williams	D	DELETE
ECN10579	10684765-011_A			Karen Williams	D	DELETE
ECN10580	08LCF01			Karen Williams	D	DELETE
ECN10581	08LCF01		HONEYWELL	Karen Williams	S	DELETE
ECN10582	N39676			Karen Williams	D	DELETE
ECN10583	08LCF01		Honeywell	Karen Williams	S	DELETE
ECN10584	AA02121		Honeywell	Karen Williams	D	DELETE
ECN10585	08LCF01		Honeywell	Karen Williams	D	DELETE
ECN10586	08LCF01		Honeywell	Karen Williams	D	DELETE
ECN10587	S-1234-5678 (As		Siemens	Karen Williams	S	DELETE
ECN10588	08LCF01			Karen Williams	D	DELETE
ECN10589	08LCF01		Siemens	Karen Williams	S	DELETE
ECN10590	08LCF01		Honeywell	Karen Williams	D	DELETE
ECN10591	08LCF01		Taymer Industries	Karen Williams	O	DELETE

View Past ECN's

This tab allows the user to view the past ECN's. The user can then select which ECN to review.

The screenshot shows the ECN Manager interface. On the left sidebar, under the 'Delete ECN' section, a button with a magnifying glass icon and the text 'View past ECN's' is highlighted with a red oval. The main area displays a table titled 'ECN List' with the following columns: ECN NO, PART NO, PART REV, CUSTOMER NAME, ORIGINATOR, and STATUS. The table contains 15 rows of data, all with a 'C' status.

ECN NO	PART NO	PART REV	CUSTOMER NAME	ORIGINATOR	STATUS
ECN10001	BHI-A300189400		Baker	Rita Caghan	C
ECN10002	PAT-779.07467	H	Pathfinder	Henry H. Nguyen	C
ECN10003	AA5160000	K2	HYDRIL	Tina Solis	C
ECN10005	SYS-801985	E	System	Rita Caghan	C
ECN10006	TNI-CBTF1014-	S	Transition Networks	Karen Williams	C
ECN10007	SYM-129721	007	SymTX	Karen Williams	C
ECN10008	HIGH80030107E		High End Systems (Barco Lighting)	Karen Williams	C
ECN10009	BHI-N74125-101	D	BAKER	Rita Caghan	C
ECN10010	HON-PC-15284		HONEYWELL	Omar Salinas	C
ECN10011	OCN-0298889	E	OCEANEERING	Henry H. Nguyen	C
ECN10014	HON-PC-15301 P	B	HONEYWELL	Omar Salinas	C
ECN10015	PAT-779.11701	A	PATHFINDER	Henry H. Nguyen	C

Edit Workflow

This tab allows the user to change the workflow to an existing ECN. To change, double-click on the ECN.

ECN List					
ECN NO	PART NO	PART REV	CUSTOMER NAME	ORIGINATOR	STATUS
ECN10548	HYD-AA5160014	C2	HYDRIL	Henry H. Nguyen	S
ECN10564	BMK-0100-02157	002	Benchmark	Rita Coghlan	S
ECN10566	TNI-AVL-BOI		Transition Networks	Karen Williams	S
ECN10568	MIC-220411		MICROTESLA	Tina Solis	S
ECN10569	MIC-220425-PL-1		MICROTESLA	Tina Solis	S
ECN10570	MAX-215-0641-8		MAXVISION	Thu Pham	S
ECN10572	08LCF01			Karen Williams	S
ECN10574	08LCF01		HONEYWELL	Karen Williams	S
ECN10575	08LCF01		Honeywell	Karen Williams	S
ECN10576	08LCF01		Honeywell	Karen Williams	S
ECN10581	08LCF01		HONEYWELL	Karen Williams	S
ECN10583	08LCF01		Honeywell	Karen Williams	S
ECN10587	S-1234-5678 (As		Siemens	Karen Williams	S
ECN10589	08LCF01		Siemens	Karen Williams	S

Use the window below to reassign action to a different person.

Role	Assigned User	Assign Group	Date	Approval Status
Originator	Henry H. Nguyen	<input type="checkbox"/>	2010-May-06	
ECN Coordinator	Demetrius Rouse	<input checked="" type="checkbox"/>	2010-May-07	Approved
Product Engineering	Omar Salinas	<input type="checkbox"/>	2010-May-07	Approved
Product Manager	Jeff Debaker	<input type="checkbox"/>	2010-May-07	Approved
Process Engineering	Chris Colbert	<input checked="" type="checkbox"/>	2010-May-07	Approved
Planner	Hien Huynh	<input type="checkbox"/>	2010-May-07	Approved
Quality	Irma Repp	<input checked="" type="checkbox"/>	2010-May-07	Approved
Purchasing	David McGeehon	<input checked="" type="checkbox"/>	2010-May-07	Approved
Warehouse		<input type="checkbox"/>	(none)	
Production	Dan Zalud	<input type="checkbox"/>	(none)	Pending

User Administration

This allows administrator to add, change and assign different roles to users.

WINDOWS LOGIN	FULL NAME	DEPARTMENT	EMAIL_ADDRESS	DOC CONTROL	USER MANAGEMENT	REPORTS
Administrator	Administrator	IT Admin	redie@ts3technology.com	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
bgurich	Brenda Gyurich	Planner	bgurich@ts3technology.com	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
brikil	Brian Killen	IT Admin	bkillen@ts3technology.com	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
brodriguez	Blanch Rodriguez	Expeditor	brodriguez@ts3technology.com	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
bateffen	Bryan Steffen	Process Engineer	bateffen@ts3technology.com	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
chrco	Chris Colbert	Process Engineer	ccolbert@ts3technology.com	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
cjoseph	Craig Joseph	Linear Line	cjoseph@ts3technology.com	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ckelly	Charlotte Kelly	Purchasing	ckelly@ts3technology.com	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ddennis	Demerce Dennis	Expeditor	ddennis@ts3technology.com	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
dmcgeehon	David McGeehon	Purchasing	DMcGeehon@ts3technology.com	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
drouse	Demetrius Rouse	IT Admin	drouse@ts3technology.com	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
DWilliams	David Williams	Product Engineer	dwilliams@ts3technology.com	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
dzalud	Dan Zalud	SMT	dzalud@ts3technology.com	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
eitru	Elizabeth Trujillo	Quality	Etrujillo@ts3technology.com	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hhnguyen	Henry H. Nguyen	Product Engineer	HNguyen@ts3technology.com	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
hiebuy	Hien Huynh	Planner	hhuynh@ts3technology.com	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
imrep	Irma Repp	Quality	irepp@ts3technology.com	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
jashin	Jason Hines	Network Administrat	jhines@ts3technology.com	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
JDeBaker	Jeff Debaker	Program Manager	jdebaker@ts3technology.com	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Reporting

ECN workflow report

This generates all ECN's in the database. You can then export it to Microsoft Excel where you can filter or sort based on the category you choose.

ECN Number	Status	Part Number	Part Rev	Originator	ECN Created Date	ECN Coordinator	ECN Coordinator Approved Date
ECN10001	ECN Completed and committed	BHI-A3001894000		Rita Coghlan	2009-Dec-07 12:00 AM	Tina Solis	2009-Dec-07 12:00 AM
ECN10002	ECN Completed and committed	PAT-779-07467	H	Henry H. Nguyen	2010-Feb-08 02:14 PM	Tina Solis	2010-Feb-08 02:38 PM
ECN10003	ECN Completed and committed	HYD-AA5160000709	K2	Tina Solis	2009-Dec-08 12:00 AM	Tina Solis	2009-Dec-10 12:00 AM
ECN10005	ECN Completed and committed	SYS-801985	E	Rita Coghlan	2009-Dec-09 12:00 AM	Tina Solis	2009-Dec-11 12:00 AM
ECN10006	ECN Completed and committed	TNI-CBFTF1014-110	S	Karen Williams	2009-Dec-09 12:00 AM	Tina Solis	2009-Jan-06 12:00 AM
ECN10007	ECN Completed and committed	SYM-129721	007	Karen Williams	2009-Dec-09 12:00 AM	Tina Solis	2009-Dec-11 12:00 AM
ECN10008	ECN Completed and committed	HIGH80030107EF		Karen Williams	2009-Dec-10 12:00 AM	Tina Solis	2009-Dec-14 12:00 AM
ECN10009	ECN Completed and committed	BHI-N74125-101	D	Rita Coghlan	2009-Dec-10 12:00 AM	Tina Solis	2009-Dec-11 12:00 AM
ECN10010	ECN Completed and committed	HON-PC-15284		Omar Salinas	2009-Dec-10 12:00 AM	Tina Solis	2009-Dec-15 12:00 AM
ECN10011	ECN Completed and committed	OCN-0298889	E	Henry H. Nguyen	2009-Dec-11 12:00 AM	Tina Solis	2009-Dec-17 12:00 AM
ECN10014	ECN Completed and committed	HON-PC-15301 PART ROHS	B	Omar Salinas	2009-Dec-11 12:00 AM	Tina Solis	2009-Dec-15 12:00 AM
ECN10015	ECN Completed and committed	PAT-779-11701	A	Henry H. Nguyen	2009-Dec-11 12:00 AM	Tina Solis	2009-Dec-17 12:00 AM
ECN10016	ECN Completed and committed	MAX-215-1957-1	C	Tim Jones	2009-Dec-15 12:00 AM	Tina Solis	2009-Dec-15 12:00 AM
ECN10018	ECN Completed and committed	GEE-144072-01		Rita Coghlan	2009-Dec-15 12:00 AM	Tina Solis	2009-Dec-17 12:00 AM
ECN10019	ECN Completed and committed	SYM-48355-42670-10	-	Rita Coghlan	2009-Dec-16 12:00 AM	Tina Solis	2009-Dec-17 12:00 AM
ECN10020	ECN Completed and committed	SYS-801985	E	Rita Coghlan	2009-Dec-17 12:00 AM	Tina Solis	2009-Dec-21 12:00 AM
ECN10021	ECN Completed and committed	TR-H529875 (U.K.)	AF	Tina Solis	2009-Dec-17 12:00 AM	Tina Solis	2009-Dec-21 12:00 AM
ECN10022	ECN Completed and committed	BHI-SARA 2J BOX PIGTAIL	*	Tina Solis	2009-Dec-17 12:00 AM	Tina Solis	2009-Dec-17 12:00 AM
ECN10025	ECN Completed and committed	TINA TEST		Tina Solis	2009-Dec-18 12:00 AM	Tina Solis	2009-Dec-18 12:00 AM
ECN10026	ECN Completed and committed	TEL-C3552-000-00001	O	Karen Williams	2009-Dec-18 12:00 AM	Tina Solis	2009-Dec-15 12:00 AM
ECN10027	ECN Completed and committed	PAT-777-10075		Henry H. Nguyen	2009-Dec-21 12:00 AM	Tina Solis	2009-Dec-22 12:00 AM
ECN10029	ECN Completed and committed	HYD-AA5160016700	J3	Henry H. Nguyen	2009-Dec-21 12:00 AM	Tina Solis	2009-Dec-22 12:00 AM
ECN10031	ECN Completed and committed	TNI-A1-11357	3	Karen Williams	2009-Dec-21 12:00 AM	Tina Solis	2009-Dec-22 12:00 AM

Approval status report

This allows the user to view who is still pending for approval and if it's past the due date. Past due ECN's are colored in red.

ECN Number	Status	Part Number	Part Rev	Originator	ECN Created Date	Approvals required	Approved	Pending
ECN10526	ECN Completed and committed	HAL-101828611		David Williams	2010-Apr-27 02:45 PM	6	6	0
ECN10527	ECN Completed and committed	HYD-AA5160044600	B1	Henry H. Nguyen	2010-Apr-27 05:38 PM	8	8	0
ECN10528	ECN Completed and committed	TNI-AVL_BOM	000	Karen Williams	2010-Apr-27 05:51 PM	2	2	0
ECN10529	ECN Completed and committed	HYD-AA5160016700	A1	Henry H. Nguyen	2010-Apr-28 09:27 AM	8	8	0
ECN10530	ECN Completed and committed	HYD-AA5160000700	J3	Henry H. Nguyen	2010-Apr-28 10:57 AM	8	8	0
ECN10531	ECN Completed and committed	HYD-AA5160019200	C1	Henry H. Nguyen	2010-Apr-28 01:44 PM	7	7	0
ECN10532	ECN Completed and committed	HAL-101718637		David Williams	2010-Apr-28 04:34 PM	6	6	0
ECN10533	ECN Completed and committed	HAL-101759853-CONVERSION	A	David Williams	2010-Apr-28 06:59 PM	6	6	0
ECN10534	ECN Completed and committed	BJS37626-3X	K	David Williams	2010-Apr-28 07:38 PM	6	6	0
ECN10535	ECN Completed and committed	BJS62850X	H	David Williams	2010-Apr-28 09:16 PM	7	7	0
ECN10536	ECN Completed and committed	MIC-220416-PL-01	A	Tina Solis	2010-Apr-28 08:14 AM	6	6	0
ECN10538	ECN Completed and committed	SCN-S-460880		Rita Coghlan	2010-Apr-29 09:22 AM	6	6	0
ECN10540	ECN Completed and committed	HAL120171697	C	David Williams	2010-Apr-29 04:24 PM	6	6	0
ECN10541	ECN Completed and committed	PAT-779-14103		Henry H. Nguyen	2010-Apr-29 04:16 PM	7	7	0
ECN10542	ECN Completed and committed	SMS-539-63-312-00018		Tim Jones	2010-Apr-30 07:27 AM	7	7	0
ECN10543	ECN Completed and committed	HYD-AA5160010200	H8	Henry H. Nguyen	2010-Apr-30 11:17 AM	9	9	0
ECN10543	ECN Completed and committed	MAX-215-1963-1	1	Tim Jones	2010-Apr-30 10:50 AM	7	7	0
ECN10544	ECN Completed and committed	BJS38529-1X	A	David Williams	2010-May-03 07:08 PM	8	8	0
ECN10545	ECN Completed and committed	TSC-5301632-00		David Williams	2010-Apr-30 03:17 PM	7	7	0
ECN10546	ECN Completed and committed	TNI-MP-BOM	000	Karen Williams	2010-May-04 10:22 AM	3	3	0
ECN10547	ECN Completed and committed	BHI-F184899060		Rita Coghlan	2010-May-03 09:28 AM	5	5	0
ECN10548	Submitted for approval	HYD-AA5160014830	C2	Henry H. Nguyen	2010-May-06 04:03 PM	8	7	1
ECN10549	ECN Completed and committed	SYM-129720	002	Rita Coghlan	2010-May-03 11:28 AM	5	5	0
ECN10550	ECN Completed and committed	SYM-129724	001	Rita Coghlan	2010-May-03 11:32 AM	5	5	0
ECN10551	ECN Completed and committed	MAX-215-1957-2		Tim Jones	2010-May-03 04:16 PM	8	8	0
ECN10552	ECN Completed and committed	SMS-539-63-555-00002		Tim Jones	2010-May-04 08:51 AM	6	6	0
ECN10553	ECN Completed and committed	SMS-1900-0106-02		Tim Jones	2010-May-04 10:02 AM	7	7	0
ECN10554	ECN Completed and committed	SCN-T1009312	AA	Omar Salinas	2010-May-04 01:38 PM	8	8	0
ECN10555	ECN Completed and committed	MAX-215-1963-1	1	Tim Jones	2010-May-04 03:10 PM	4	4	0
ECN10556	ECN Completed and committed	SMS-539-63-312-00026	1	Tim Jones	2010-May-04 03:50 PM	9	9	0
ECN10557	ECN Completed and committed	HON-EN-70202		Omar Salinas	2010-May-04 04:04 PM	6	6	0
ECN10558	Approved, Ready to commit	PART-CONSOLIDATED_BOM		Henry H. Nguyen	2010-May-06 03:07 PM	5	5	0
ECN10559	Rejected	TNI-CPSMC0100-200	M	Karen Williams	2010-May-05 05:25 PM	3	1	1

Click on the **“Approved”** field and a Workflow status window appears with an approval summary. Summary includes who has approved and who has not.

ECN Number	Status	Part Number	Part Rev	Originator	ECN Created Date	Approvals required	Approved	Pending
ECN10526	ECN Completed and committed	HAL-101829811		David Williams	2010-Apr-27 02:45 PM	6	6	0
ECN10527	ECN Completed and committed	HYD-AA5160044600	B1	Henry H. Nguyen	2010-Apr-27 05:38 PM	8	8	0
ECN10528	ECN Completed and committed	TNI-AVL-BOM	000	Karen Williams	2010-Apr-27 05:51 PM	2	2	0
ECN10529	ECN Completed and committed	HYD-AA5160016700	A1	Henry H. Nguyen	2010-Apr-28 09:27 AM	8	8	0
ECN10530	ECN Completed and committed	HYD-AA5160000700	J3	Henry H. Nguyen	2010-Apr-28 10:57 AM	8	8	0
ECN10531	ECN Completed and committed	HYD-AA5160019200	C1	Henry H. Nguyen	2010-Apr-28 01:44 PM	7	7	0
ECN10532	ECN Completed and committed	HAL-101718537		David Williams	2010-Apr-28 04:34 PM	6	6	0
ECN10533	ECN Complete					6	6	0
ECN10534	ECN Complete					6	6	0
ECN10535	ECN Complete					7	7	0
ECN10536	ECN Complete					6	6	0
ECN10538	ECN Complete					6	6	0
ECN10539	ECN Complete					6	6	0
ECN10540	ECN Complete					7	7	0
ECN10541	ECN Complete					7	7	0
ECN10542	ECN Complete					9	9	0
ECN10543	ECN Complete					7	7	0
ECN10544	ECN Complete					8	8	0
ECN10545	ECN Complete					7	7	0
ECN10546	ECN Complete					3	3	0
ECN10547	ECN Complete					5	5	0
ECN10548	Submitted for approval					7	7	1
ECN10549	ECN Complete					5	5	0
ECN10550	ECN Complete					5	5	0
ECN10551	ECN Complete					8	8	0
ECN10552	ECN Complete					6	6	0
ECN10553	ECN Complete					7	7	0
ECN10554	ECN Complete					8	8	0
ECN10555	ECN Completed and committed	MAX-215-1963-1	1	Tim Jones	2010-May-04 03:10 PM	4	4	0
ECN10556	ECN Completed and committed	SMS-639-63-312-00026	1	Tim Jones	2010-May-04 03:50 PM	9	9	0
ECN10557	ECN Completed and committed	HON-EN-70202		Omar Salinas	2010-May-04 04:04 PM	6	6	0
ECN10558	Approved, Ready to commit	PART-CONSOLIDATED_BOM		Henry H. Nguyen	2010-May-06 03:07 PM	5	5	0
ECN10559	Rejected	TNI-CPSMC0100-200	M	Karen Williams	2010-May-05 05:25 PM	3	1	1
ECN10560	ECN Completed and committed	HON-EN-70203	1	Omar Salinas	2010-May-06 09:26 AM	4	4	0
ECN10561	Open	PAT-779-14427	1	Henry H. Nguyen	2010-May-06 09:47 AM	0	0	0
ECN10562	ECN Completed and committed	PAT-779-14427LO		Henry H. Nguyen	2010-May-06 11:10 AM	7	7	0
ECN10563	Approved, Ready to commit	MAX-215-1957-2	C	Tim Jones	2010-May-06 11:26 AM	7	7	0
ECN10564	Submitted for approval	BMK-0100-02157	002	Rita Coghlan	2010-May-06 02:33 PM	6	5	0
ECN10565	Approved, Ready to commit	OCN-0331107		Henry H. Nguyen	2010-May-06 03:32 PM	7	7	0
ECN10566	Submitted for approval	TNI-AVL-BOM	000	Karen Williams	2010-May-06 05:44 PM	4	3	1
ECN10567	Open	PAT-779-13281	01	Henry H. Nguyen	2010-May-07 07:59 AM	0	0	0

Workflow status for ECN - ECN10559

User Name	Approved Date
ECN Coordinator Tina Solis	5/6/2010 8:45:54 AM
Product Engineering Karen Williams	
Product Manager Brenda Gyurich	

Cycle time report

This allows the graphical view the cycle time for each department.

