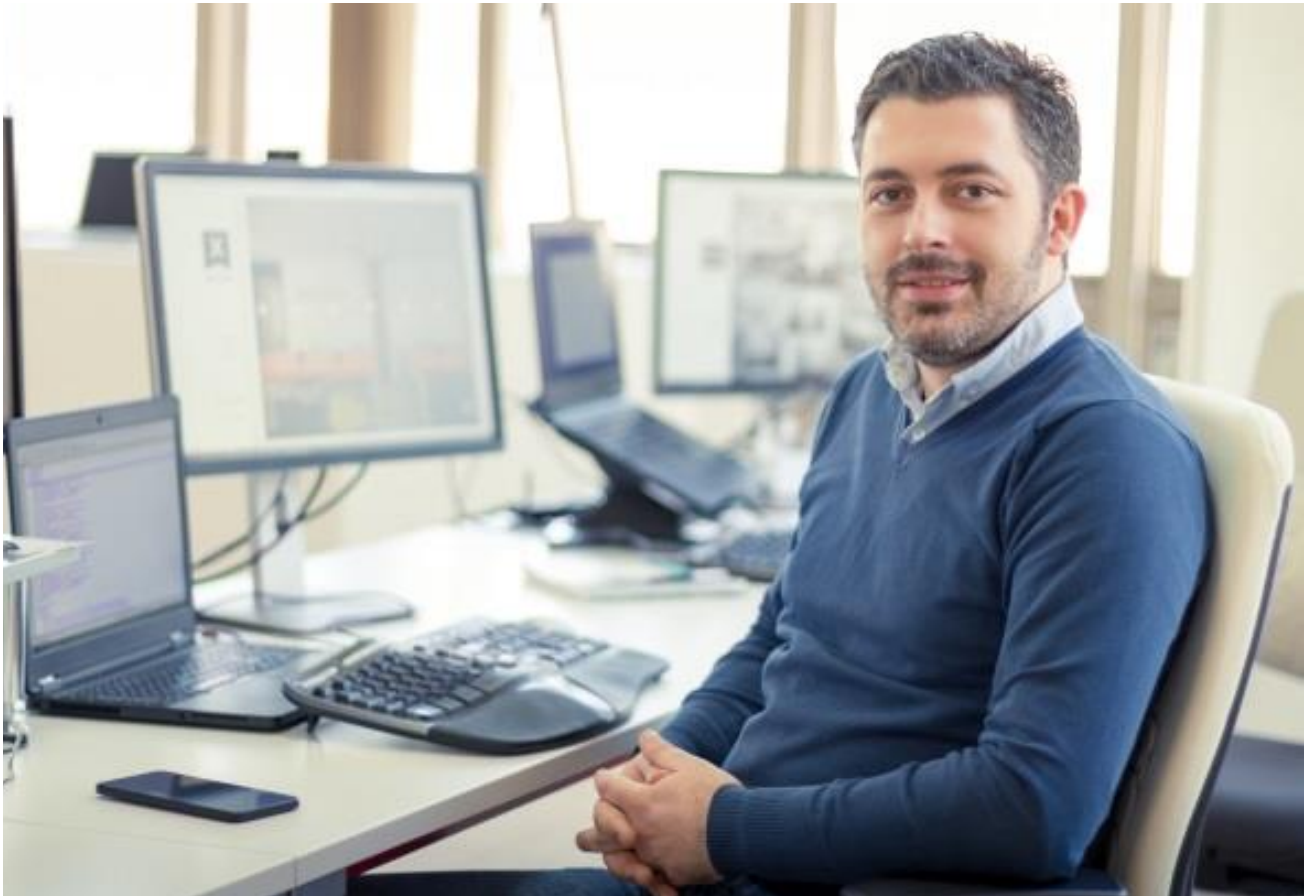# 32 SOFT
DATA LOADERS
Productivity Solutions for QAD ERP

Product Change Control (PCC Workbench) User Guide

1.9.2.13 Production Change Control User Guide

Thank you for your interest in 32 Soft's productivity solutions for QAD. You are on the path to improved data management and productivity.

This User Guide will show you how to use the Product Change Control (PCC) Workbench Data Loader. The PCC Workbench Data Loader allows users to maximize efficiency in creating, updating, and managing Product Change Orders in QAD.

Contents

DATA LOADERS

We have dozens of DATA LOADERS for every major QAD process

Master Data & Inventory

Distribution & Supply Chain

Finance

Production

To browse a complete list of Data Loaders, click here.

Product Change Control Workbench User Guide

Overview

PCC Workbench is a collection of individual functions that include

- PCO Summary report
- BOM PCO create, modify, and route for approval
- Routing PCO create, modify, and route for approval
- Item PCO create, modify, and route for approval
- PCO Trailer maintain and route for approval

Each function is represented in the workbench template by a separate tab. You can find detailed user guide for each function/tab in the corresponding sections below.

QAD connection setup

Before using PCC Workbench, you will need to specify what QAD database it should be connecting to. Connection setup can be done from any tab by clicking on the [SETUP] button.

Connection needs to be setup only once, after opening the workbench template, unless you need to switch to a different database.
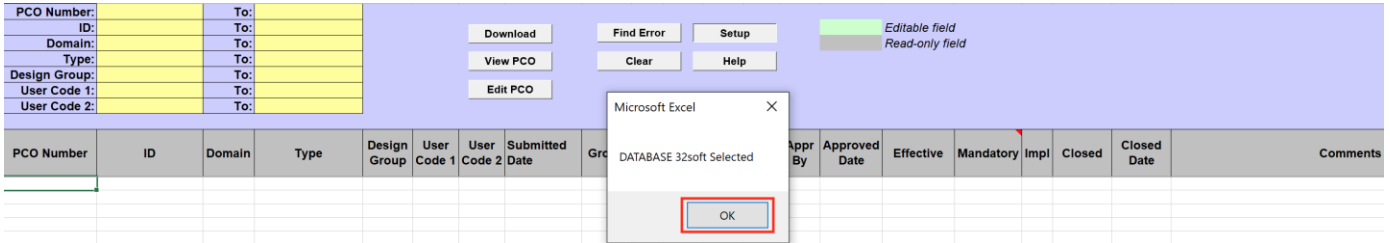
1. Click on the [SETUP] button to open the window with list of available QAD databases.

2. Highlight the correct database and
3. Click on [SELECT].
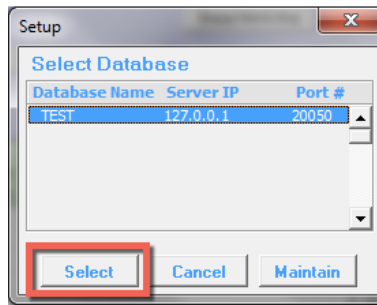
4. Message will be displayed showing database selected. Click on [OK].

Information about QAD database user is connected to will be always available in the template header after each click on any of the action buttons.

PCO Number	ID	Domain	Type	Design Group	User Code 1	User Code 2	Submitted Date	Group	Seq	Re Route Level	Re Route	Appr	Appr By	Approved Date	Effective	Mandatory	Impl	Closed	Closed Date	Comments
00000003			ProdImp	eng1			09/23/2005	NewProd1	10	0	yes	yes	mfg	09/23/2005				no		
00000003			ProdImp	eng1			09/23/2005	MfgEng1	20	0	yes	yes	mfg	09/23/2005				no		
00000003			ProdImp	eng1			09/23/2005	ToolEng	30	0	yes	yes	mfg	09/23/2005				no		
00000003			ProdImp	eng1			09/23/2005	mfg1	40	0	yes	yes	mfg	09/23/2005				no		
00000003			ProdImp	eng1			09/23/2005	QC1	50	0	yes	yes	mfg	09/23/2005				no		
00000003			ProdImp	eng1			09/23/2005	Purch1	60	0	yes	yes	mfg	09/23/2005				no		
00000003			ProdImp	eng1			09/23/2005	acct1	70	0	yes	yes	ssj	09/15/2005				no		
00000004			ProdImp	eng1													no			
00000005			NewProd	eng1	ost												no			
00000005	123		NewProd	eng1	ost												no			
00000006			CostRed	eng1													no			
00000007			pcc1	dist1													no			
00000008			pcc1	dist1													no			
00000009			NewProd	eng1													no			
1234																	yes	12/14/1994		
1235																	yes	12/14/1994		

QAD Login

PCC Workbench connects to a selected QAD database every time you click on any of the action buttons. During a first connection a popup window will be displayed asking user to enter QAD user ID, password, and domain.

1. Enter QAD User ID, password, and domain.
2. Click on the [LOGIN] button.
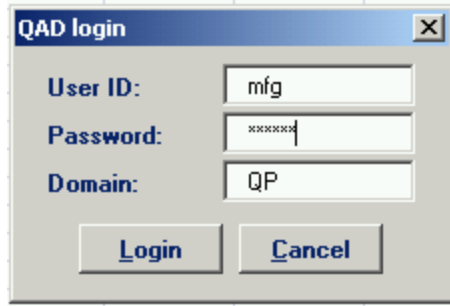
If provided credentials are incorrect or user is not authorized to access PCC functions in QAD, database connection will not be established and the QAD login window will keep coming back.

To be able to download data from QAD into PCC Workbench users will need to have access to 1.9.2.8 PCR/PCO Detail Inquiry menu.

To create new or modify existing PCOs users will need to have access to 1.9.2.13 PCO Maintenance menu.

To route PCO for approval users will need to have access to 1.9.2.16 Route PCO for Approval menu.

User Authentication is based on native QAD Authentication logic (user id, password, menu, and site security).

PCO Summary: Download

With Download function on PCO Summary tab user can download into Excel from QAD existing product change orders.

1. Enter selection criteria in the header (yellow-colored cells)

PCOs can be selected for download using the following fields:
- **PCO Number:** enter the range of PCO numbers to download or leave blank to include all PCO numbers.
- **ID:** enter the range of PCO IDs to download or leave blank.
- **Domain:** enter the range of PCO Domain codes or leave blank.
- **Type:** enter the range of PCO Types or leave blank.
- **Design Group:** enter the range of Design Groups or leave blank.
- **User Code 1:** enter the range for User Code 1 or leave blank.
- **User Code 2:** enter the range for User Code 2 or leave blank.

2. Once selection criteria are entered, click on [DOWNLOAD] button.

Summaries for PCOs that meet selection criteria will be downloaded from QAD into PCC Workbench. A message in the header will indicate whether a download was successful or not (it will also display which database that the user is connected to).

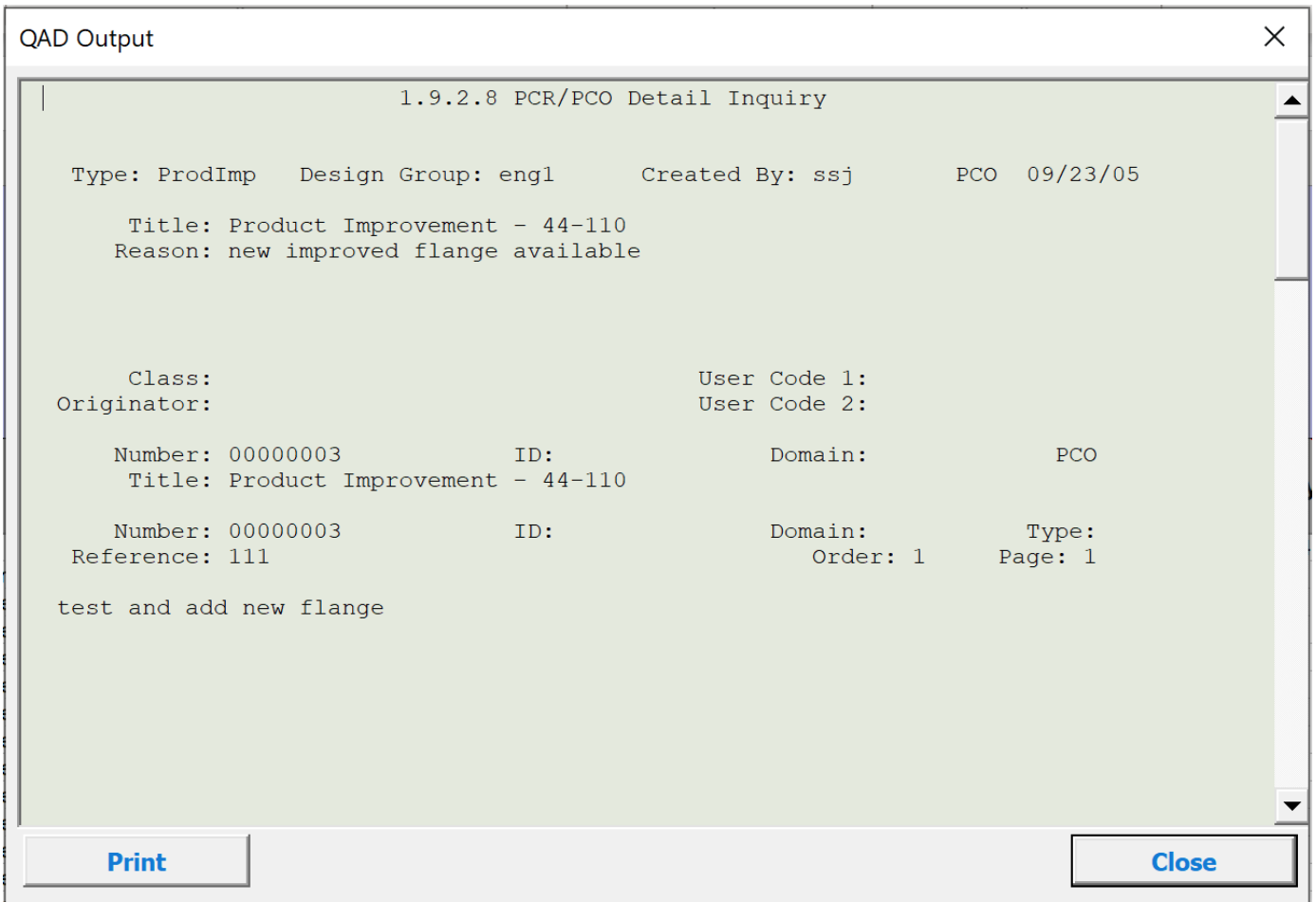| PCO Number	ID	Domain	Type	Design Group	User Code 1	User Code 2	Submitted Date	Group	Seq	Re Route Level	Re Route	Appr	Appr By	Approved Date	Effective	Mandatory	Impl	Closed	Closed Date	Comments
00000003			ProdImp	eng1			09/23/2005	NewProd1	10	0	yes	yes	mfg	09/23/2005				no		
00000003			ProdImp	eng1			09/23/2005	MfgEng1	20	0	yes	yes	mfg	09/23/2005				no		
00000003			ProdImp	eng1			09/23/2005	ToolEng	30	0	yes	yes	mfg	09/23/2005				no		
00000003			ProdImp	eng1			09/23/2005	mfg1	40	0	yes	yes	mfg	09/23/2005				no		
00000003			ProdImp	eng1			09/23/2005	QC1	50	0	yes	yes	mfg	09/23/2005				no		
00000003			ProdImp	eng1			09/23/2005	Purch1	60	0	yes	yes	mfg	09/23/2005				no		
00000003			ProdImp	eng1			09/23/2005	acct1	70	0	yes	yes	ssj	09/15/2005				no		
00000004			ProdImp	eng1													no			
00000005			NewProd	eng1	ost												no			
00000005	123		NewProd	eng1	ost												no			
00000006			CostRed	eng1													no			
00000007			pcc1	dist1													no			
00000008			pcc1	dist1													no			
00000009			NewProd	eng1													no			
1234																	yes	12/14/1994	
1235																	yes	12/14/1994	

PCO Summary: View PCO

User can view the details of PCO from the "PCO Summary" tab.

Select a PCO to view and click on [View PCO] button.

PCO Number	ID	Domain	Type	Design Group	User Code 1	User Code 2	Submitted Date	Group	Seq	Re Route Level	Re Route	Appr	Appr By	Approved Date	Effective	Mandatory	Impl	Closed	Closed Date	Comments
000000							12/14/1994								12/14/1994	12/14/1994	yes	12/14/1994		
00000001			request	new1														no		
00000003			ProdImp	eng1			09/23/2005	eng1	0	0	no	yes	mfg	09/23/2005				no		
00000003			ProdImp	eng1			09/23/2005	NewProd1	10	0	yes	yes	mfg	09/23/2005				no		
00000003			ProdImp	eng1			09/23/2005	MfgEng1	20	0	yes	yes	mfg	09/23/2005				no		
00000003			ProdImp	eng1			09/23/2005	ToolEng	30	0	yes	yes	mfg	09/23/2005				no		
00000003			ProdImp	eng1			09/23/2005	mfg1	40	0	yes	yes	mfg	09/23/2005				no		
00000003			ProdImp	eng1			09/23/2005	QC1	50	0	yes	yes	mfg	09/23/2005				no		
00000003			ProdImp	eng1			09/23/2005	Purch1	60	0	yes	yes	mfg	09/23/2005				no		
00000003			ProdImp	eng1			09/23/2005	acct1	70	0	yes	yes	ssj	09/15/2005				no		
00000004			ProdImp	eng1														no		
00000005			NewProd	eng1	ost													no		
00000005	123		NewProd	eng1	ost													no		
00000006			CostRed	eng1														no		
00000007			pcc1	dist1														no		
00000008			pcc1	dist1														no		

The action triggers 1.9.2.8 PCR/PCO Details Inquiry in QAD and QAD output for this report will be displayed in a pop-up window.

```
                        1.9.2.8 PCR/PCO Detail Inquiry


   Type: ProdImp    Design Group: eng1      Created By: ssj       PCO   09/23/05

        Title: Product Improvement - 44-110
       Reason: new improved flange available




     Class:                               User Code 1:
 Originator:                              User Code 2:

     Number: 00000003          ID:             Domain:              PCO
      Title: Product Improvement - 44-110

     Number: 00000003          ID:             Domain:          Type:
  Reference: 111                                    Order: 1     Page: 1

  test and add new flange
```

Print   **Close**

PCO Summary: Edit PCO

User can start editing PCO from the "PCO Summary" tab.

Select a PCO to edit and click on [EDIT PCO] button.

The action triggers download of PCO BOM, Routing, Item and Trailer details into "BOM PCO", "Routing PCO", "Item PCO" and "PCO Trailer" tabs correspondingly. PCO Trailer is downloaded last. Wait until download process is finished.

BOM PCO: Create/Modify

New PCO can be created from the "BOM PCO" tab.

To create new PCO enter "PCO number" (optional), "ID" (optional) and "Domain" (optional) in PCO header. These three fields uniquely identify PCO in QAD. If these fields are left blank "PCO number" will be generated automatically when new order is uploaded into QAD.

Enter PCO "Type", "Design Group", "Title" and "Reason". These fields are mandatory.

"Type" and "Design Group" are interdependent. They can be entered manually or selected using a lookup function. For how to use a lookup function see Generic function: Lookup section below.

The rest of the fields in PCO header are optional.

Enter PCO BOM details.

Once all PCO information has been entered on the tab click on [UPLOAD] button to create new PCO in QAD.

PCO Number: 00000010 **ID:** **Domain:** Loaded Successfully to Quality Products - DB 2013 qp at 1/20/22 7:24:15 PM

Type: NewProd **Design Group:** eng1
Class: **User Code 1:**
Originator: **User Code 2:**
Title: new product
Reason: new product

Buttons: Download | View PCO | Get BOM | Find Error | Setup | Upload | Lookup | Get Where Used | Clear | Help

Editable field / Read-only field

Submitted: **Approved:** **Route Comments:**

Status dialog:
Validating data...
Processing Row ... 21
Processing Row ... 22
Processing Row ... 23
Processing Row ... 24
Processing Row ... 25
Processing Row ... 26
Loading Data...
LOADED SUCCESSFULLY
32Soft Inc. [Close]

Parent Item	Parent Description	Component	Component Description	Remarks	Scrap %	LT Offset	Op	Seq	Comments	Std Cost
0995576-0018	M & E Assy 7.24 x 11.02 XC35-5K2	0924218-0000	w/wire .045CB 40#		0	0	0	0		1
0995576-0020	Test BOM	0924218-0000	w/wire .045CB 40#		0	0	0	0		1
2A1	Motor Asm 6 Way Seat Adj 24V 3am	1p1	Motor 24V 3amp 2hp 1/2dia		0	0	10	0	New motor and motor plate s	10
2A1	Motor Asm 6 Way Seat Adj 24V 3am	1sa1	Motor Mtg Plate Asm		0	0	20	0		3.91721999
2A1	Motor Asm 6 Way Seat Adj 24V 3am	2p1	Motor 24V 3amp 1.5hp 1/2dia		0	0	10	0		10
2A1	Motor Asm 6 Way Seat Adj 24V 3am	2sa1	Motor Mtg Plt Asm 6 way		0	0	20	0		3.51494999

New PCO can be also created from existing PCO (see below)

User will need to download existing PCO (or PCO header) into "BOM PCO" tab (see PCO Details Download), clear (or modify) header fields "PCO Number", "ID" and "Domain", make other required changes and click on [UPLOAD] button.

Existing PCO BOM details can be modified from the "BOM PCO" tab.

First, download existing PCO into "BOM PCO" tab (see PCO Details Download)

After making changes to PCO header and/or PCO lines click on [UPLOAD] button to upload changes to QAD.

PCO Number: 00000003 **ID:** **Domain:** Downloaded Successfully from Quality Products - DB 2013 qp

Type: ProdImp **Design Group:** eng1
Class: **User Code 1:**
Originator: **User Code 2:**
Title: Product Improvement - 44-110
Reason: new improved flange available||||

Buttons: Download | View PCO | Get BOM | Find Error | Setup | Upload | Lookup | Get Where Used | Clear | Help

Editable field / Read-only field

Submitted: 09/23/2005 **Approved:** 09/23/2005 **Route for Approval** **Route Comments:**

Parent Item	Parent Description	Component	Component Description	Ref	Deact (yes/no)	Qty Per	Struct Type	Mndry	Dflt Option	Remarks	Scrap %	LT Offset	Op	Seq	Comments	Std Cost
44-110	Optical Table-IQ Damp ST-46-8 4' x	44-1001	Top for 4'X6'x8"	R2	yes	1.0		yes	yes		0	0	0	0		120
44-110	Optical Table-IQ Damp ST-46-8 4' x	44-6000	STABILIZER	R5	no	1.0		yes	yes		0	0	0	0		100
44-110	Optical Table-IQ Damp ST-46-8 4' x	44-7001	PROCESSOR,PRE-PROGRAMME	R6	no	1.0		yes	yes		0	0	0	0		50
44-110	Optical Table-IQ Damp ST-46-8 4' x	44-8000	Table Std Legs 4'	R6	no	4.0		yes	yes		0	0	0	0		75

Not all PCO line fields are editable.
Information about editable fields can be obtained from the color legend in the header.

PCO Number: 00000003 **ID:** **Domain:** Downloaded Successfully from Quality Products - DB 2013 qp

Type: ProdImp **Design Group:** eng1
Class: **User Code 1:**
Originator: **User Code 2:**
Title: Product Improvement - 44-110
Reason: new improved flange available||||

Buttons: Download | View PCO | Get BOM | Find Error | Setup | Upload | Lookup | Get Where Used | Clear | Help

Editable field / Read-only field

Submitted: 09/23/2005 **Approved:** 09/23/2005 **Route for Approval** **Route Comments:**

Parent Item	Parent Description	Component	Component Description	Ref	Deact (yes/no)	Qty Per	Struct Type	Mndry	Dflt Option	Remarks	Scrap %	LT Offset	Op	Seq	Comments	Std Cost
44-110	Optical Table-IQ Damp ST-46-8 4' x	44-1001	Top for 4'X6'x8"	R2	yes	1.0		yes	yes		0	0	0	0		120
44-110	Optical Table-IQ Damp ST-46-8 4' x	44-6000	STABILIZER	R5	no	1.0		yes	yes		0	0	0	0		100
44-110	Optical Table-IQ Damp ST-46-8 4' x	44-7001	PROCESSOR,PRE-PROGRAMME	R6	no	1.0		yes	yes		0	0	0	0		50
44-110	Optical Table-IQ Damp ST-46-8 4' x	44-8000	Table Std Legs 4'	R6	no	4.0		yes	yes		0	0	0	0		75

Note that modifying approved PCO resets its approval status and PCO will need to be re-routed for approval.

If PCO cannot be modified the error message with the reason will be displayed over the PCO number cell (in the cell notes).

PCO Number: 00000003

PCO Number:	00000003	ID:		Domain:	Distributed PCO. Modification is not allowed									Editable field		
Type:	ProdImp	D ERROR: Distributed PCO. Modification is not allowed			Download	View PCO	Get BOM		Find Error	Setup				Read-only field		
Class:		User Code 2:			Upload	Lookup	Get Where Used		Clear	Help						
Originator:																
Title:	Product Improvement - 44-110															
Reason:	new improved flange available||||														

Submitted:	09/23/2005	Approved:	09/23/2005		Route for Approval	Route Comments:	

Parent Item	Parent Description	Component	Component Description	Ref	Deact (yes/no)	Qty Per	Struct Type	Mndry	Dflt Option	Remarks	Scrap %	LT Offset	Op	Seq	Comments	Std Cost
44-110	Optical Table-IQ Damp ST-46-8 4' x	44-1001	Top for 4'X6'x8'	R2	yes	1.0	yes	yes			0	0	0	0		120
44-110	Optical Table-IQ Damp ST-46-8 4' x	44-6000	STABILIZER	R5	no	1.0	yes	yes			0	0	0	0		100
44-110	Optical Table-IQ Damp ST-46-8 4' x	44-7001	PROCESSOR,PRE-PROGRAMME	R6	no	1.0	yes	yes			0	0	0	0		50
44-110	Optical Table-IQ Damp ST-46-8 4' x	44-8000	Table Std Legs 4'	R6	no	4.0	yes	yes			0	0	0	0		75

If changes are successfully uploaded into QAD message "Loaded successfully" will be displayed in the "Status" window.

PCO Number:	00000009	ID:		Domain:	Loaded Successfully to Quality Products - DB 2013 qp at 1/20/22 5:48:19 PM				Editable field	
Type:	NewProd	Design Group:	eng1		Status	Find Error	Setup		Read-only field	
Class:		User Code 1:			Validating data...	Clear	Help			
Originator:		User Code 2:			Processing Row ... 21					
Title:	Intro of 6 way Seat Adjustor				Processing Row ... 22					
Reason:	Problem: 8-way seat adjustor used in 6-way applicati				Processing Row ... 23					
					Processing Row ... 24					
Submitted:		Approved:			Processing Row ... 25		Route Comments:			
					Processing Row ... 26					
					Loading Data...					
					LOADED SUCCESSFULLY					

Parent Item	Parent Description	Component	Component Description	Remarks	Scrap %	LT Offset	Op	Seq	Comments	Std Cost
0995576-0018	M & E Assy 7.24 x 11.02 XC35-5K2	0924218-0000	w/wire .045CB 40#		0	0	0	0		1
0995576-0020	Test BOM	0924218-0000	w/wire .045CB 40#		0	0	0	0		1
2A1	Motor Asm 6 Way Seat Adj 24V 3am	1p1	Motor 24V 3amp 2hp 1/2dia	32Soft Inc. Close	0	0	10	0	New motor and motor plate s	10
2A1	Motor Asm 6 Way Seat Adj 24V 3am	1sa1	Motor Mtg Plate Asm		0	0	20	0		3.91721999
2A1	Motor Asm 6 Way Seat Adj 24V 3am	2p1	Motor 24V 3amp 1.5hp 1/2dia	no 1.0 yes yes NP001000	0	0	10	0		10
2A1	Motor Asm 6 Way Seat Adj 24V 3am	2sa1	Motor Mtg Plt Asm 6 way	no 1.0 yes yes NP001000	0	0	20	0		3.51494999

If error is found in PCO BOM lines message "Errors occurred!!!" will be displayed in the "Status" window.

PCO Number:	00000009	ID:		Domain:	You connected to Quality Products - DB 2013 qp				Editable field	
Type:	NewProd	Design Group:	eng1		Status	Find Error	Setup		Read-only field	
Class:		User Code 1:			Processing Row ... 21	Clear	Help			
Originator:		User Code 2:			Processing Row ... 22					
Title:	Intro of 6 way Seat Adjustor				Processing Row ... 23					
Reason:	Problem: 8-way seat adjustor used in 6-way applicati				Processing Row ... 24					
					Processing Row ... 25					
Submitted:		Approved:			Processing Row ... 26		Route Comments:			
					Errors occured!!!					
					Upload can not be performed!					
					Fix the data and try again.					

Parent Item	Parent Description	Component	Component Description	Remarks	Scrap %	LT Offset	Op	Seq	Comments	Std Cost
0995576-0018	M & E Assy 7.24 x 11.02 XC35-5K2	0924218-0000	w/wire .045CB 40#		0	0	0	0		1
0995576-0020	Test BOM	0924218-0000	w/wire .045CB 40#		0	0	0	0		1
2A1C	Motor Asm 6 Way Seat Adj 24V 3am	1p1	Motor 24V 3amp 2hp	32Soft Inc. Close	0	0	10	0	New motor and motor plate s	10
2A1	Motor Asm 6 Way Seat Adj 24V 3am	1sa1	Motor Mtg Plate Asm		0	0	20	0		3.91721999
2A1	Motor Asm 6 Way Seat Adj 24V 3am	2p1	Motor 24V 3amp 1.5hp 1/2dia	no 1.0 yes yes NP001000	0	0	10	0		10
2A1	Motor Asm 6 Way Seat Adj 24V 3am	2sa1	Motor Mtg Plt Asm 6 way	no 1.0 yes yes NP001000	0	0	20	0		3.51494999

Cells/values with the errors in them will be highlighted in red and detailed error messages displayed in the cells' notes.

PCO Number:	00000009	ID:		Domain:	You connected to Quality Products - DB 2013 qp					Editable field	
Type:	NewProd	Design Group:	eng1		Download	View PCO	Get BOM		Find Error	Setup	Read-only field	
Class:		User Code 1:			Upload	Lookup	Get Where Used		Clear	Help		
Originator:		User Code 2:										
Title:	Intro of 6 way Seat Adjustor											
Reason:	Problem: 8-way seat adjustor used in 6-way applications|leads to installation errors|Solution: introduce a new 6-way seat adjustor asm||											

Submitted:		Approved:			Route for Approval	Route Comments:	

Parent Item	Parent Description	Component	Component Description	Ref	Deact (yes/no)	Qty Per	Struct Type	Mndry	Dflt Option	Remarks	Scrap %	LT Offset	Op	Seq	Comments	Std Cost
0995576-0018	M & E Assy 7.24 x 11.02 XC35-5K2	0924218-0000	w/wire .045CB 40#		no	0.071	yes	yes			0	0	0	0		1
0995576-0020	Test BOM	0924218-0000	w/wire .045CB 40#		no	0.071	yes	yes			0	0	0	0		1
2A1C	Motor		24V 3amp 2hp 1/2dia		yes	1.0	yes	yes		ECN1110	0	0	10	0	New motor and motor plate s	10
2A1	Moto ERROR: Item number or BOM code must exist		Mtg Plate Asm		yes	1.0	yes	yes		ECN1110	0	0	20	0		3.91721999
2A1	Moto		24V 3amp 1.5hp 1/2dia		no	1.0	yes	yes		NP001000	0	0	10	0		10
2A1	Motor Asm 6 Way Seat Adj 24V 3am 2sa1		Motor Mtg Plt Asm 6 way		no	1.0	yes	yes		NP001000	0	0	20	0		3.51494999

Correct the errors before attempting to upload changes to QAD again. When there is an error on a spreadsheet no records will be uploaded into QAD.

New BOM lines can be added to PCO either manually with the help of the Lookup function (see Generic function: Lookup section below) or by using Get BOM and/or Get Where Used functions.

Get BOM function allows to download from QAD BOM/Product Structure for a selected parent item.

To download from QAD BOM for a selected item select/type item number in the "Parent Item" column and click on [GET BOM] button.

Parent Item	Parent Description	Component	Component Description	Ref	Deact (yes/no)	Qty Per	Struct Type	Mndry	Dflt Option	Remarks	Scrap %	LT Offset	Op	Seq	Comments	Std Cost
0995576-0018	M & E Assy 7.24 x 11.02 XC35-5K2	0924218-0000	w/wire .045CB 40#		no	0.071		yes	yes		0	0	0	0		1
0995576-0020	Test BOM	0924218-0000	w/wire .045CB 40#		no	0.071		yes	yes		0	0	0	0		1
2A1	Motor Asm 6 Way Seat Adj 24V 3am	1p1	Motor 24V 3amp 2hp 1/2dia		yes	1.0		yes	yes	ECN1110	0	0	10	0	New motor and motor plate s	10
2A1	Motor Asm 6 Way Seat Adj 24V 3am	1sa1	Motor Mtg Plate Asm		yes	1.0		yes	yes	ECN1110	0	0	20	0		3.91721999
2A1	Motor Asm 6 Way Seat Adj 24V 3am	2p1	Motor 24V 3amp 1.5hp 1/2dia		no	1.0		yes	yes	NP001000	0	0	10	0		10
2A1	Motor Asm 6 Way Seat Adj 24V 3am	2sa1	Motor Mtg Plt Asm 6 way		no	1.0		yes	yes	NP001000	0	0	20	0		3.51494999
1A1																

BOM/Product Structure for a selected item will be downloaded.

Parent Item	Parent Description	Component	Component Description	Ref	Deact (yes/no)	Qty Per	Struct Type	Mndry	Dflt Option	Remarks	Scrap %	LT Offset	Op	Seq	Comments	Std Cost
0995576-0018	M & E Assy 7.24 x 11.02 XC35-5K2	0924218-0000	w/wire .045CB 40#		no	0.071		yes	yes		0	0	0	0		1
0995576-0020	Test BOM	0924218-0000	w/wire .045CB 40#		no	0.071		yes	yes		0	0	0	0		1
2A1	Motor Asm 6 Way Seat Adj 24V 3am	1p1	Motor 24V 3amp 2hp 1/2dia		yes	1.0		yes	yes	ECN1110	0	0	10	0	New motor and motor plate s	10
2A1	Motor Asm 6 Way Seat Adj 24V 3am	1sa1	Motor Mtg Plate Asm		yes	1.0		yes	yes	ECN1110	0	0	20	0		3.91721999
2A1	Motor Asm 6 Way Seat Adj 24V 3am	2p1	Motor 24V 3amp 1.5hp 1/2dia		no	1.0		yes	yes	NP001000	0	0	10	0		10
2A1	Motor Asm 6 Way Seat Adj 24V 3am	2sa1	Motor Mtg Plt Asm 6 way		no	1.0		yes	yes	NP001000	0	0	20	0		3.51494999
1A1	Motor Asm 8 Way Seat Adj 24V 3am	1p1	Motor 24V 3amp 2hp 1/2dia		no	2.0		yes	yes		0	0	10	0		
1A1	Motor Asm 8 Way Seat Adj 24V 3am	1p2	Connector 25pin white		no	1.0		yes	yes		0	0	10	0		
1A1	Motor Asm 8 Way Seat Adj 24V 3am	1sa1	Motor Mtg Plate Asm		no	1.0		yes	yes		0	0	20	0		

Leave only lines required for PCO and delete the rest. Make changes to the new lines as necessary.

BOM/Product Structures for multiple parent items can be added to PCO this way.

Get Where Used function allows to download from QAD BOM/Product Structure lines for a selected component item.

To download from QAD BOM/Product Structure lines for a selected component select/type item number in the "Component" column and click on [GET WHERE USED] button.

Parent Item	Parent Description	Component	Component Description	Ref	Deact (yes/no)	Qty Per	Struct Type	Mndry	Dflt Option	Remarks	Scrap %	LT Offset	Op	Seq	Comments	Std Cost
0995576-0018	M & E Assy 7.24 x 11.02 XC35-5K2	0924218-0000	w/wire .045CB 40#		no	0.071		yes	yes		0	0	0	0		1
0995576-0020	Test BOM	0924218-0000	w/wire .045CB 40#		no	0.071		yes	yes		0	0	0	0		1
2A1	Motor Asm 6 Way Seat Adj 24V 3am	1p1	Motor 24V 3amp 2hp 1/2dia		yes	1.0		yes	yes	ECN1110	0	0	10	0	New motor and motor plate s	10
2A1	Motor Asm 6 Way Seat Adj 24V 3am	1sa1	Motor Mtg Plate Asm		yes	1.0		yes	yes	ECN1110	0	0	20	0		3.91721999
2A1	Motor Asm 6 Way Seat Adj 24V 3am	2p1	Motor 24V 3amp 1.5hp 1/2dia		no	1.0		yes	yes	NP001000	0	0	10	0		10
2A1	Motor Asm 6 Way Seat Adj 24V 3am	2sa1	Motor Mtg Plt Asm 6 way		no	1.0		yes	yes	NP001000	0	0	20	0		3.51494999
1A1	Motor Asm 8 Way Seat Adj 24V 3am	1p1	Motor 24V 3amp 2hp 1/2dia		no	2.0		yes	yes		0	0	10	0		
1A1	Motor Asm 8 Way Seat Adj 24V 3am	1p2	Connector 25pin white		no	1.0		yes	yes		0	0	10	0		
1A1	Motor Asm 8 Way Seat Adj 24V 3am	1sa1	Motor Mtg Plate Asm		no	1.0		yes	yes		0	0	20	0		
		88-6000														

All BOM/Product Structure lines where the selected component is used will be downloaded.

Parent Item	Parent Description	Component	Component Description	Ref	Deact (yes/no)	Qty Per	Struct Type	Mndry	Dflt Option	Remarks	Scrap %	LT Offset	Op	Seq	Comments	Std Cost
0995576-0018	M & E Assy 7.24 x 11.02 XC35-5K2	0924218-0000	w/wire .045CB 40#		no	0.071	yes	yes			0	0	0	0		1
0995576-0020	Test BOM	0924218-0000	w/wire .045CB 40#		no	0.071	yes	yes			0	0	0	0		1
2A1	Motor Asm 6 Way Seat Adj 24V 3am 1p1		Motor 24V 3amp 2hp 1/2dia		yes	1.0	yes	yes		ECN1110	0	0	10	0	New motor and motor plate s	10
2A1	Motor Asm 6 Way Seat Adj 24V 3am 1sa1		Motor Mtg Plate Asm		yes	1.0	yes	yes		ECN1110	0	0	20	0		3.91721999
2A1	Motor Asm 6 Way Seat Adj 24V 3am 2p1		Motor 24V 3amp 1.5hp 1/2dia		no	1.0	yes	yes		NP001000	0	0	10	0		10
2A1	Motor Asm 6 Way Seat Adj 24V 3am 2sa1		Motor Mtg Plt Asm 6 way		no	1.0	yes	yes		NP001000	0	0	20	0		3.51494999
1A1	Motor Asm 8 Way Seat Adj 24V 3am 1p1		Motor 24V 3amp 2hp 1/2dia		no	2.0	yes	yes			0	0	10	0		
1A1	Motor Asm 8 Way Seat Adj 24V 3am 1p2		Connector 25pin white		no	1.0	yes	yes			0	0	10	0		
1A1	Motor Asm 8 Way Seat Adj 24V 3am 1sa1		Motor Mtg Plate Asm		no	1.0	yes	yes			0	0	20	0		
88-100	CASE,AUTO-UNIT	88-6000	GREY COLORANT		no	1.0	yes	yes			0	0	10	3		
88-1000	CASE,HOME/INDUST UNIT	88-6000	GREY COLORANT		no	333.0	yes	yes			0	0	0	0		
88-200	CASE,HOME/INDUST UNIT	88-6000	GREY COLORANT		no	40.0	yes	yes			0	0	10	0		
88-300	BOTTLE,PLASTIC,1 LITRE	88-6000	GREY COLORANT		no	0.1	yes	yes			0	0	10	0		

Leave only lines required for PCO and delete the rest. Make changes to new lines as necessary.

BOM/Product Structures lines for multiple component items can be added to PCO this way.

Routing PCO: Create/Modify

New PCO can be created from the "Routing PCO" tab.

To create new PCO enter "PCO number" (optional), "ID" (optional) and "Domain" (optional) in PCO header. These three fields uniquely identify PCO in QAD. If these fields are left blank "PCO number" will be generated automatically when new order is uploaded into QAD.

Enter PCO "Type", "Design Group", "Title" and "Reason". These fields are mandatory.

"Type" and "Design Group" are interdependent. They can be entered manually or selected using a lookup function (for how to use a lookup function see Generic function: Lookup section below).

The rest of the fields in PCO header are optional.

Enter routing PCO details.

Routing code	Item#	Product Line	Original Start Date	Original End Date	OP	Deact yes/ no	Std OP	Std Cost	WC	Mch	Burden Rate, $	Labor Rate, $	Description	Mch per OP	Overlap Units	Run Time	Rate /min	Parts /hr	Shift Rate
88-100	88-100	1500			10	no		28.5	20000	20000	100	10	TRANSFER MOLD CASING	1	1	0.01666667	1	60	48
88-100	88-100	1500			20	no	REWORK	28.5	1030		0	10	REWORK TO SPEC	1	0	0.025	0.66667	40	32

Once all PCO information has been entered on the tab click on [UPLOAD] button to create new PCO in QAD.

Routing code	Item#	Product Line	Original Start Date	Original End Date	OP	Deact yes/ no	Std OP	Std Cost	WC	Mch	Description	Mch per OP	Overlap Units	Run Time	Rate /min	Parts /hr	Shift
88-100	88-100	1500			10	no		28.5	20000	20000	10 TRANSFER MOLD CASING	1	1	0.01666667	1	60	4
88-100	88-100	1500			20	no		28.5			10 REWORK TO SPEC	1	0	0.025	0.66667	40	3

Status
Validating data...
Processing Row ... 21
Processing Row ... 22
Loading Data...
LOADED SUCCESSFULLY

32Soft Inc.   Close

New PCO can be also created from existing PCO.

User will need to download existing PCO (or PCO header) into the "Routing PCO" tab (see PCO Details Download) , clear (or modify) header fields "PCO Number", "ID" and "Domain", make other required changes to the routing details and click on [UPLOAD] button.

Existing PCO routing details can be modified from the "Routing PCO" tab.

First, download existing PCO into "Routing PCO" tab (see PCO Details Download)

After making changes to PCO header and/or PCO lines click on [UPLOAD] button to upload changes to QAD.

Routing code	Item#	Product Line	Original Start Date	Original End Date	OP	Deact yes/ no	Std OP	Std Cost	WC	Mch	Burden Rate, $	Labor Rate, $	Description	Mch per OP	Overlap Units	Run Time	Rate /min	Parts /hr	Shift Rate
88-100	88-100	1500			10	no		28.5	20000	20000	100	10	TRANSFER MOLD CASING	1	1	0.22	0.07576	4.545455	36.3636
88-100	88-100	1500			20	no	REWORK	28.5	1030		0	10	REWORK TO SPEC	1	0	0.19	0.08772	5.263158	42.1052

Not all PCO line details fields on "PCO Routing" tab are editable.
Information about editable fields can be obtained from the color legend in the header.

Routing code	Item#	Product Line	Original Start Date	Original End Date	OP	Deact yes/ no	Std OP	Std Cost	WC	Mch	Burden Rate, $	Labor Rate, $	Description	Mch per OP	Overlap Units	Run Time	Rate /min	Parts /hr	Shift Rate
88-100	88-100	1500			10	no		28.5	20000	20000	100	10	TRANSFER MOLD CASING	1	1	0.22	0.07576	4.545455	36.3636
88-100	88-100	1500			20	no	REWORK	28.5	1030		0	10	REWORK TO SPEC	1	0	0.19	0.08772	5.263158	42.1052

Note that modifying approved PCO resets its approval status and PCO will need to be re-routed for approval.

If PCO cannot be modified the error message with the reason will be displayed over the PCO number cell (in the cell notes).

If changes are successfully uploaded into QAD message "Loaded successfully" will be displayed in the "Status" window.

If error is found in PCO routing lines message "Errors occurred!!!" will be displayed in the "Status" window.

Cells/values with the errors in them will be highlighted in red and detailed error messages displayed in the cells' notes.

Correct the errors before attempting to upload changes to QAD again. When there is an error on a spreadsheet no records will be uploaded into QAD.

New routing lines can be added to PCO either manually with the help of the Lookup function (see Generic function: Lookup section below) or by using Get Routing function.

Get Routing function allows to download from QAD selected routing details.

To download from QAD routing details type routing in the "Routing Code" column and click on [GET ROUTING] button.

PCO Number:		ID:		Domain:		Quality Products - DB 2013 qp at 1/21/22 3:02:52 PM								
Type: CostRed		Design Group: eng1			Download	View PCO	Get Routing	2	Find Error	Setup			Editable field	
Class:		User Code 1:											Read-only field	
Originator:		User Code 2:			Upload	Lookup	View Items		Clear	Help				
Title: cost revision														
Reason: cost revision for Case Auto-Unit														

Submitted: | Approved: | Route for Approval | Route Comments:

Routing code	Item#	Product Line	Original Start Date	Original End Date	OP	Deact yes/ no	Std OP	Std Cost	WC	Mch	Burden Rate, $	Labor Rate, $	Description	Mch per OP	Overlap Units	Run Time	Rate /min	Parts /hr	Shift Rate
88-100																			

Routing details will be downloaded from QAD into Excel.

PCO Number: 00000011		ID:		Domain:		Downloaded Successfully from Quality Products - DB 2013 qp								
Type: CostRed		Design Group: eng1			Download	View PCO	Get Routing		Find Error	Setup			Editable field	
Class:		User Code 1:											Read-only field	
Originator:		User Code 2:			Upload	Lookup	View Items		Clear	Help				
Title: cost revision														
Reason: cost revision for Case Auto-Unit||||														

Submitted: | Approved: | Route for Approval | Route Comments:

Routing code	Item#	Product Line	Original Start Date	Original End Date	OP	Deact yes/ no	Std OP	Std Cost	WC	Mch	Burden Rate, $	Labor Rate, $	Description	Mch per OP	Overlap Units	Run Time	Rate /min	Parts /hr	Shift Rate
88-100	88-100	1500			10	no		28.5	20000	20000	100	10	TRANSFER MOLD CASING	1	1	0.22	0.07576	4.545455	36.3636
88-100	88-100	1500			20	no	REWORK	28.5	1030		0	10	REWORK TO SPEC	1	0	0.19	0.08772	5.263158	42.1052

Leave only lines required for PCO and delete the rest. Make changes to the new lines as necessary.

Multiple routings can be added to PCO this way.

PCO Number: 00000011		ID:		Domain:		Downloaded Successfully from Quality Products - DB 2013 qp							
Type: CostRed		Design Group: eng1			Download	View PCO	Get Routing		Find Error	Setup		Editable field
Class:		User Code 1:										Read-only field
Originator:		User Code 2:			Upload	Lookup	View Items		Clear	Help		
Title: cost revision												
Reason: cost revision for Case Auto-Unit||||												

Submitted: | Approved: | Route for Approval | Route Comments:

Routing code	Item#	Product Line	Original Start Date	Original End Date	OP	Deact yes/ no	Std OP	Std Cost	WC	Mch	Burden Rate, $	Labor Rate, $	Description	Mch per OP	Overlap Units	Run Time	Rate /min	Parts /hr
88-100	88-100	1500			10	no		28.5	20000	20000	100	10	TRANSFER MOLD CASING	1	1	0.22	0.07576	4.545455
88-100	88-100	1500			20	no	REWORK	28.5	1030		0	10	REWORK TO SPEC	1	0	0.19	0.08772	5.263158
88-100A					10	no		0	20000	20000	100	10	TRANSFER MOLD CASING	1	0	0.22	0.07576	4.545455
88-100A					20	no	REWORK	0	1030		0	10	REWORK TO SPEC	1	0	0.19	0.08772	5.263158
88-100B					10	no		0	20000	20000	100	10	TRANSFER MOLD CASING	1	0	0.22	0.07576	4.545455
88-100B					20	no	REWORK	0	1030		0	10	REWORK TO SPEC	1	0	0.19	0.08772	5.263158

View Items function allows to view all items linked to a selected routing.

To view all items linked to a routing select a routing code and click on [VIEW ITEMS] button.

PCO Number: 00000011		ID:		Domain:		Downloaded Successfully from Quality Products - DB 2013 qp at 1/21/22 3:54:05 PM							
Type: CostRed		Design Group: eng1			Download	View PCO	Get Routing		Find Error	Setup		Editable field
Class:		User Code 1:						2				Read-only field
Originator:		User Code 2:			Upload	Lookup	View Items		Clear	Help		
Title: cost revision												
Reason: cost revision for Case Auto-Unit||||												

Submitted: | Approved: | Route for Approval | Route Comments:

Routing code	Item#	Product Line	Original Start Date	Original End Date	OP	Deact yes/ no	Std OP	Std Cost	WC	Mch	Burden Rate, $	Labor Rate, $	Description	Mch per OP	Overlap Units	Run Time	Rate /min	Parts /hr
88-100	88-100	1500			10	no		28.5	20000	20000	100	10	TRANSFER MOLD CASING	1	1	0.22	0.07576	4.545455
88-100	88-100	1500			20	no	REWORK	28.5	1030		0	10	REWORK TO SPEC	1	0	0.19	0.08772	5.263158
88-100A					10	no		0	20000	20000	100	10	TRANSFER MOLD CASING	1	1	0.22	0.07576	4.545455
88-100A					20	no	REWORK	0	1030		0	10	REWORK TO SPEC	1	0	0.19	0.08772	5.263158
88-100B					10	no		0	20000	20000	100	10	TRANSFER MOLD CASING	1	1	0.22	0.07576	4.545455
88-100B					20	no	REWORK	0	1030		0	10	REWORK TO SPEC	1	0	0.19	0.08772	5.263158

List of items linked to a selected routing code will be displayed in a pop-up window.

Item PCO: Create/Modify

New PCO can be created from the "Item PCO" tab.

To create new PCO enter "PCO number" (optional), "ID" (optional) and "Domain" (optional) in PCO header. These three fields uniquely identify PCO in QAD. If these fields are left blank "PCO number" will be generated automatically when new order is uploaded into QAD.

Enter PCO "Type", "Design Group", "Title" and "Reason". These fields are mandatory.

"Type" and "Design Group" are interdependent. They can be entered manually or selected using a lookup function (for how to use a lookup function see Generic function: Lookup section below).

The rest of the fields in PCO header are optional.

Enter Item PCO details.

PCO Number:			ID:		Domain:																Editable field		
Type: NewProd			Design Group: eng1				Download		View PCO		Get Item			Find Error		Setup				Read-only field			
Class:			User Code 1: ost																				
Originator: ost			User Code 2:				Upload		Lookup					Clear		Help							
Title: Intro of 6 way Seat Adjustor																							
Reason: Problem: 8-way seat adjustor used in 6-way applications|leads to installation errors|Solution: introduce a new 6-way seat adjustor asm|																							
Submitted:			Approved:				Route for Approval				Route Comments:												

Item Number	Description 1	Description 2	UM	End Product	Prod Line	Added	Design Group	Promo Group	Item Type	Status	Group	Drawing	Rev	Drawing Loc	Size	Disposition	Price Break Category	Direct Update (yes/no)	Com
2a1	Motor Asm 6 Way Seat Adj	24V 3amp 1.5hp	EA	no	1000	01/21/2022	elec1		FINGOOD	ZZ	SEAT		1					no	
2p1	Motor 24V 3amp 1.5hp	1/2dia	EA	no	1500	01/21/2022	eng1		COMP	ZZ	ELECTRC		3					no	
2p3	Motor Mtg Plate - 6 way		EA	no	1000	01/21/2022	elec1		COMP	ZZ	FAB		2					no	
2SA1	Motor Mtg Plt Asm 6 way		EA	no	1000	01/21/2022	elec1		COMP	XX	SEAT		2					no	

Once all PCO information has been entered on the tab click on [UPLOAD] button to create new PCO in QAD.

New PCO can be also created from existing PCO.

User will need to download existing PCO (or PCO header) into the "Item PCO" tab (see PCO Details Download) , clear (or modify) header fields "PCO Number", "ID" and "Domain", make other required changes to the item details and click on [UPLOAD] button.

If error is found in PCO item lines message "Errors occurred!!!" will be displayed in the "Status" window.

PCO Number:			ID:		Domain:	You connected to Quality Products - DB 2013 qp												Editable field		
Type: NewProd			Design Group: eng1				Download		View PCO		Get Item			Find Error		Setup		Read-only field		
Class:			User Code 1: ost																	
Originator: ost			User Code 2:			Status ✕					Clear		Help						
Title: Intro of 6 way Seat Adjustor						**Validating data...**														
Reason: Problem: 8-way seat adjustor used in 6-way applications|leads to instal						**Processing Row ... 21**														
						Processing Row ... 22														
Submitted:			Approved:			**Processing Row ... 23**														
						Processing Row ... 24														

Item Number	Description 1	Description 2	UM	End Product		**Errors occured!!!**					up	Drawing	Rev	Drawing Loc	Size	Disposition	Price Break Category	Direct Update (yes/no)	Com
2a1	Motor Asm 6 Way Seat Adj	24V 3amp 1.5hp	EA	no		**Upload can not be performed!**							1					no	
2p1	Motor 24V 3amp 1.5hp	1/2dia	EA	no		**Fix the data and try again.**					TRC		3					no	
2p3	Motor Mtg Plate - 6 way		EA	no									2					no	
2SA1	Motor Mtg Plt Asm 6 way		EA	no		*32Soft Inc.*		Close					2					no	

Cells/values with the errors in them will be highlighted in red and detailed error messages displayed in the cells' notes.

PCO Number:			ID:		Domain:	You connected to Quality Products - DB 2013 qp												Editable field		
Type: NewProd			Design Group: eng1				Download		View PCO		Get Item			Find Error		Setup		Read-only field		
Class:			User Code 1: ost																	
Originator: ost			User Code 2:				Upload		Lookup					Clear		Help				
Title: Intro of 6 way Seat Adjustor																				
Reason: Problem: 8-way seat adjustor used in 6-way applications|leads to installation errors|Solution: introduce a new 6-way seat adjustor asm|																				
Submitted:			Approved:				Route for Approval				Route Comments:									

Item Number	Description 1	Description 2	UM	End Product	Prod Line	Added	Design Group	Promo Group	Item Type	Status	Group	Drawing	Rev	Drawing Loc	Size	Disposition	Price Break Category	Direct Update (yes/no)	Com
2a1	Motor Asm 6 Way Seat Adj	24V 3amp 1.5hp	EA	no	1000	01/21/2022	elec1		FINGOOD	ZZ	SEAT		1					no	
2p1		ERROR: Item being modified on # #00000005		no	1500	01/21/2022	eng1		COMP	ZZ	ELECTRC		3					no	
2p3	N			no	1000	01/21/2022	elec1		COMP	ZZ	FAB		2					no	
2SA1	N			no	1000	01/21/2022	elec1		COMP	XX	SEAT		2					no	

Correct the errors before attempting to upload changes to QAD again. When there is an error on a spreadsheet no records will be uploaded into QAD.

Existing PCO item details can be modified from the "Item PCO" tab.

First, download existing PCO into "Item PCO" tab (see PCO Details Download)

PCO Number:	00000005	ID:	Domain:	Downloaded Successfully from Quality Products - DB 2013 qp
Type:	NewProd	Design Group:	eng1	
Class:		User Code 1:	ost	
Originator:	ost	User Code 2:		
Title:	Intro of 6 way Seat Adjustor		
Reason:	Problem: 8-way seat adjustor used in 6-way applications|leads to installation errors|Solution: introduce a new 6-way seat adjustor asm||		

Buttons: Download, View PCO, Get Item, Find Error, Setup | Upload, Lookup, Clear, Help | Editable field / Read-only field

Submitted: | Approved: | Route for Approval | Route Comments:

Item Number	Description 1	Description 2	UM	End Product	Prod Line	Added	Design Group	Promo Group	Item Type	Status	Group	Drawing	Rev	Drawing Loc	Size	Disposition	Price Break Category	Direct Update (yes/no)	Comr
2a1	Motor Asm 6 Way Seat Adj	24V 3amp 1.5hp	EA	no	1000	01/21/2022			FINGOOD	ZZ	SEAT		1					no	
2p1	Motor 24V 3amp 1.5hp	1/2dia	EA	no	1500	01/21/2022	eng1		COMP	ZZ	ELECTRC		3					no	
2p3	Motor Mtg Plate - 6 way		EA	no	1000	01/21/2022	elec1		COMP	ZZ	FAB		2					no	
2SA1	Motor Mtg Plt Asm 6 way		EA	no	1000	01/21/2022	elec1		COMP	XX	SEAT		2					no	

After making changes to PCO header and/or PCO lines click on [UPLOAD] button to upload changes to QAD.

PCO Number:	00000005	ID:	Domain:	You selected AC Active Parts Active Parts
Type:	NewProd	Design Group:	eng1	
Class:		User Code 1:	ost	
Originator:	ost	User Code 2:		
Title:	Intro of 6 way Seat Adjustor		
Reason:	Problem: 8-way seat adjustor used in 6-way applications|leads to installation errors|Solution: introduce a new 6-way seat adjustor asm||		

Buttons: Download, View PCO, Get Item, Find Error, Setup | Upload (highlighted), Lookup, Clear, Help | Editable field / Read-only field

Submitted: | Approved: | Route for Approval | Route Comments:

Item Number	Description 1	Description 2	UM	End Product	Prod Line	Added	Design Group	Promo Group	Item Type	Status	Group	Drawing	Rev	Drawing Loc	Size	Disposition	Price Break Category	Direct Update (yes/no)	Com
2a1	Motor Asm 6 Way Seat Adj	24V 3amp 1.5hp	EA	no	1000	01/21/2022			FINGOOD	AC	SEAT		1					no	
2p1	Motor 24V 3amp 1.5hp	1/2dia	EA	no	1500	01/21/2022	eng1		COMP	AC	ELECTRC		3					no	
2p3	Motor Mtg Plate - 6 way		EA	no	1000	01/21/2022	elec1		COMP	AC	FAB		2					no	
2SA1	Motor Mtg Plt Asm 6 way		EA	no	1000	01/21/2022	elec1		COMP	AC	SEAT		2					no	

Not all PCO line details fields on "PCO Item" tab are editable.
Information about editable fields can be obtained from the color legend in the header.

PCO Number:	00000005	ID:	Domain:	You selected AC Active Parts Active Parts
Type:	NewProd	Design Group:	eng1	
Class:		User Code 1:	ost	
Originator:	ost	User Code 2:		
Title:	Intro of 6 way Seat Adjustor		
Reason:	Problem: 8-way seat adjustor used in 6-way applications|leads to installation errors|Solution: introduce a new 6-way seat adjustor asm||		

Buttons: Download, View PCO, Get Item, Find Error, Setup | Upload, Lookup, Clear, Help | Editable field / Read-only field (highlighted)

Submitted: | Approved: | Route for Approval | Route Comments:

Item Number	Description 1	Description 2	UM	End Product	Prod Line	Added	Design Group	Promo Group	Item Type	Status	Group	Drawing	Rev	Drawing Loc	Size	Disposition	Price Break Category	Direct Update (yes/no)	Com
2a1	Motor Asm 6 Way Seat Adj	24V 3amp 1.5hp	EA	no	1000	01/21/2022			FINGOOD	AC	SEAT		1					no	
2p1	Motor 24V 3amp 1.5hp	1/2dia	EA	no	1500	01/21/2022	eng1		COMP	AC	ELECTRC		3					no	
2p3	Motor Mtg Plate - 6 way		EA	no	1000	01/21/2022	elec1		COMP	AC	FAB		2					no	
2SA1	Motor Mtg Plt Asm 6 way		EA	no	1000	01/21/2022	elec1		COMP	AC	SEAT		2					no	

Note that modifying approved PCO resets its approval status and PCO will need to be re-routed for approval.

If PCO cannot be modified the error message with the reason will be displayed over the PCO number cell (in the cell notes).

If changes are successfully uploaded into QAD message "Loaded successfully" will be displayed in the "Status" window.

Item Number	Description 1	Description 2		Item Type	Status	Group	Drawing	Rev	Drawing Loc	Size	Disposition	Price Break Category	Direct Update (yes/no)	Com
2a1	Motor Asm 6 Way Seat Adj	24V 3amp 1.5hp		NGOOD	AC	SEAT		1					no	
2p1	Motor 24V 3amp 1.5hp	1/2dia		OMP	AC	ELECTRC		3					no	
2p3	Motor Mtg Plate - 6 way			OMP	AC	FAB		2					no	
2SA1	Motor Mtg Plt Asm 6 way			OMP	AC	SEAT		2					no	

If error is found in PCO item lines message "Errors occurred!!!" will be displayed in the "Status" window.

Item Number	Description 1	Description 2			Status	Group	Drawing	Rev	Drawing Loc	Size	Disposition	Price Break Category	Direct Update (yes/no)	Com
2a1	Motor Asm 6 Way Seat Adj	24V 3amp 1.5hp	E		OOD	AC	SEAT		1					no	
2p1	Motor 24V 3amp 1.5hp	1/2dia	E			AC	ELECTRC		3					no	
2p3	Motor Mtg Plate - 6 way		E			AC	FAB		2					no	
2SA1	Motor Mtg Plt Asm 6 way		E			ACTIVE	SEAT		2					no	

Cells/values with the errors in them will be highlighted in red and detailed error messages displayed in the cells' notes.

Item Number	Description 1	Description 2	UM	End Product	Prod Line	Added	Design Group	Promo Group	Item Type	Status	Group	Drawing	Rev	Drawing Loc	Size	Disposition	Price Break Category	Direct Update (yes/no)	Com
2a1	Motor Asm 6 Way Seat Adj	24V 3amp 1.5hp	EA	no	1000	01/21/2022	elec1		FINGOOD	AC	SEAT		1					no	
2p1	Motor 24V 3amp 1.5hp	1/2dia	EA	no	1500	01/21/2022	eng1		COMP	AC	ELECTRC		3					no	
2p3	Motor Mtg Plate - 6 way		EA	no	1000	01/21/2022	elec1		COMP	AC	FAB		2					no	
2SA1	Motor Mtg Plt Asm 6 way		EA	no	1000	01/21/2022	elec1		COMP	ACTIVE	ERROR: Status does not exist							no	

Correct the errors before attempting to upload changes to QAD again. When there is an error on a spreadsheet no records will be uploaded into QAD.

New item lines can be added to PCO either manually with the help of the Lookup function (see Generic function: Lookup section below) or by using Get Item function.

Get Item function allows to download from QAD item details for a select item number.

To download from QAD item details for a selected item select/type item number in the "Item Number" column and click on [GET Item] button.

Item Number	Description 1	Description 2	UM	End Product	Prod Line	Added	Design Group	Promo Group	Item Type	Status	Group	Drawing	Rev	Drawing Loc	Size	Disposition	Price Break Category	Direct Update (yes/no)	Com
2a1	Motor Asm 6 Way Seat Adj	24V 3amp 1.5hp	EA	no	1000	01/21/2022	elec1		FINGOOD	AC	SEAT	1						no	
2p1	Motor 24V 3amp 1.5hp	1/2dia	EA	no	1500	01/21/2022	eng1		COMP	AC	ELECTRC	3						no	
2p3	Motor Mtg Plate - 6 way		EA	no	1000	01/21/2022	elec1		COMP	AC	FAB	2						no	
2SA1	Motor Mtg Plt Asm 6 way		EA	no	1000	01/21/2022	elec1		COMP	ACTIVE	SEAT	2						no	
1A1																			
1A12																			

Item details will be downloaded from QAD into Excel.

Item Number	Description 1	Description 2	UM	End Product	Prod Line	Added	Design Group	Promo Group	Item Type	Status	Group	Drawing	Rev	Drawing Loc	Size	Disposition	Price Break Category	Direct Update (yes/no)	Com
2a1	Motor Asm 6 Way Seat Adj	24V 3amp 1.5hp	EA	no	1000	01/21/2022	elec1		FINGOOD	AC	SEAT	1						no	
2p1	Motor 24V 3amp 1.5hp	1/2dia	EA	no	1500	01/21/2022	eng1		COMP	AC	ELECTRC	3						no	
2p3	Motor Mtg Plate - 6 way		EA	no	1000	01/21/2022	elec1		COMP	AC	FAB	2						no	
2SA1	Motor Mtg Plt Asm 6 way		EA	no	1000	01/21/2022	elec1		COMP	ACTIVE	SEAT	2						no	
1A1	Motor Asm 8 Way Seat Adj	24V 3amp 2hp	EA		1500	11/29/2000	elec1		FINGOOD	AC	Seat	1						no	
1A12																			

Multiple items can be added to PCO this way.

Item Number	Description 1	Description 2	UM	End Product	Prod Line	Added	Design Group	Promo Group	Item Type	Status	Group	Drawing	Rev	Drawing Loc	Size	Disposition	Price Break Category	Direct Update (yes/no)	Com
2a1	Motor Asm 6 Way Seat Adj	24V 3amp 1.5hp	EA	no	1000	01/21/2022	elec1		FINGOOD	AC	SEAT	1						no	
2p1	Motor 24V 3amp 1.5hp	1/2dia	EA	no	1500	01/21/2022	elec1		COMP	AC	ELECTRC	3						no	
2p3	Motor Mtg Plate - 6 way		EA	no	1000	01/21/2022	elec1		COMP	AC	FAB	2						no	
2SA1	Motor Mtg Plt Asm 6 way		EA	no	1000	01/21/2022	elec1		COMP	ACTIVE	SEAT	2						no	
1A1	Motor Asm 8 Way Seat Adj	24V 3amp 2hp	EA		1500	11/29/2000	elec1		FINGOOD	AC	Seat	1						no	
1A12	Motor Asm 8 Way Seat Adj	24V 3amp 2hp Tau	EA		1500	10/02/2003	elec1		FINGOOD	AC	SEATMEC	1						no	

PCO Trailer: Create/Modify

New PCO can be created from the "PCO Trailer" tab.

To create new PCO enter "PCO number" (optional), "ID" (optional) and "Domain" (optional) in PCO header. These three fields uniquely identify PCO in QAD. If these fields are left blank "PCO number" will be generated automatically when new order is uploaded into QAD.

Enter PCO "Type", "Design Group", "Title" and "Reason". These fields are mandatory.

"Type" and "Design Group" are interdependent. They can be entered manually or selected using a lookup function (for how to use a lookup function see Generic function: Lookup section below).

PCO Number: | **ID:** | **Domain:** Quality Products - DB 2013 qp at 1/21/22 4:30:46 PM
Type: **Design Group:** | Download | View PCO | Find Error | Setup | Editable fie
Class: CostRed eng1 | | | | Read-only
Originator: new new1 | Upload | Lookup | Clear | Help
Title: NewProd eng1
Reason: pcc1 dist1
Submitted: ProdImp eng1 | Route for Approval | Route Comments:
Safety eng1
Expected Cost: | **Closed:** | **Mandatory:**
Disposition: | **PCO Ref:**

PCO Number: | **ID:** | **Domain:** You selected NewProd eng1 eng1
Type: NewProd | **Design Group:** eng1 | Download | View PCO | Find Error | Setup | Editable field
Class: | **User Code 1:** | | | | Read-only field
Originator: | **User Code 2:** | Upload | Lookup | Clear | Help
Title:
Reason:
Submitted: | **Approved:** | Route for Approval | Route Comments:
Expected Cost: | **Closed:** | **Mandatory:**
Disposition: | **PCO Ref:**

PCO Number: | **ID:** | **Domain:**
Type: NewProd | **Design Group:** eng1 | Download | View PCO | Find Error | Setup | Editable field
Class: | **User Code 1:** ost | | | | Read-only field
Originator: ost | **User Code 2:** | Upload | Lookup | Clear | Help
Title: new product
Reason: new product
Submitted: | **Approved:** | Route for Approval | Route Comments:
Expected Cost: 123.15 | **Closed:** no | **Mandatory:** 03/01/22
Disposition: test | **PCO Ref:**

The rest of the fields in PCO header are optional.

Enter trailer information, if available (Expected Cost, Deposition, PCO Ref, Mandatory Date).

Once all PCO information has been entered on the tab click on [UPLOAD] button to create new PCO in QAD.

New PCO can be also created from existing PCO.

User will need to download existing PCO (or PCO header) into the "PCO Trailer" tab (see PCO Details Download) , clear (or modify) header fields "PCO Number", "ID" and "Domain", make other required changes to the item details and click on [UPLOAD] button.

If error is found in PCO header or trailer cells/values with the errors in them will be highlighted in red and detailed error messages displayed in the cells' notes.

PCO Number: 00000005 | **ID:** | **Domain:** VALUE MUST EXIST IN GENERALIZED CODES
Type: NewProd | **Design Group:** eng1 | Download | View PCO | Find Error | Setup | Editable field
Class: | **User Code 1:** ost | | | | Read-only field
Originator: ost | **User Code 2:** | Upload | Lookup | Clear | Help
Title: new product
Reason: new product||||
Submitted: | **Approved:** | Route for Approval | Route Comments:
Expected Cost: 123.15 | **Closed:** no | **Mandatory:** 03/01/2022
Disposition: disp1 | **PCO Ref:**

PCO Number: 00000005 | **ID:** | **Domain:** VALUE MUST EXIST IN GENERALIZED CODES
Type: NewProd | **Design Group:** eng1 | Download | View PCO | Find Error | Setup | Editable field
Class: | **User Code 1:** ost | | | | Read-only field
Originator: ost | **User Code 2:** | Upload | Lookup | Clear | Help
Title: new product
Reason: new product||||
Submitted: | **Approved:** | Route for Approval | Route Comments:
Expected Cost: 123.15 | **Closed:** no | **Mandatory:** 03/01/2022
Disposition: disp1 | **PCO Ref:** ERROR: VALUE MUST EXIST IN GENERALIZED CODES

Correct the errors before attempting to upload changes to QAD again. When there is an error on a spreadsheet no records will be uploaded into QAD.

PCO Details Download

User can download details of the existing PCO on "BOM PCO", "Routing PCO", "Item PCO" and "Trailer PCO" tabs.

If PCO does not contain information relevant for the tab only PCO header will be downloaded.

Enter PCO number in the "PCO Number field" or use Lookup function to select existing PCO from the drop-down list.

Once PCO number is selected click on [DOWNLOAD] button.

Selected PCO with corresponding details (BOM, routing, item, or trailer) will be download into Excel from QAD.

PCO Number:	00000009	ID:		Domain:		Downloaded Successfully from Quality Products - DB 2013 qp							
Type:	NewProd	Design Group:	eng1		Download	View PCO	Get BOM		Find Error	Setup		Editable field	
Class:		User Code 1:										Read-only field	
Originator:		User Code 2:			Upload	Lookup	Get Where Used		Clear	Help			
Title:	Intro of 6 way Seat Adjustor												
Reason:	Problem: 8-way seat adjustor used in 6-way applications|leads to installation errors|Solution: introduce a new 6-way seat adjustor asm||											

Submitted:		Approved:			Route for Approval		Route Comments:	

Parent Item	Parent Description	Component	Component Description	Ref	Deact (yes/no)	Qty Per	Struct Type	Mndry	Dflt Option	Remarks	Scrap %	LT Offset	Op	Seq	Comments	Std Cost
0995576-0018	M & E Assy 7.24 x 11.02 XC35-5K2	0924218-0000	w/wire .045CB 40#		no	0.071		yes	yes		0	0	0	0		1
0995576-0020	Test BOM	0924218-0000	w/wire .045CB 40#		no	0.071		yes	yes		0	0	0	0		1
2A1	Motor Asm 6 Way Seat Adj 24V 3am	1p1	Motor 24V 3amp 2hp 1/2dia		yes	1.0		yes	yes	ECN1110	0	0	10	0	New motor and motor plate s	10
2A1	Motor Asm 6 Way Seat Adj 24V 3am	1sa1	Motor Mtg Plate Asm		yes	1.0		yes	yes	ECN1110	0	0	20	0		3.91721999
2A1	Motor Asm 6 Way Seat Adj 24V 3am	2p1	Motor 24V 3amp 1.5hp 1/2dia		no	1.0		yes	yes	NP001000	0	0	10	0		10
2A1	Motor Asm 6 Way Seat Adj 24V 3am	2sa1	Motor Mtg Plt Asm 6 way		no	1.0		yes	yes	NP001000	0	0	20	0		3.51494999

PCO Route for Approval

User can route PCO for approval from "BOM PCO", "Routing PCO", "Item PCO" or "Trailer PCO" tabs.

To route PCO for approval click on the [ROUTE FOR APPROVAL] button.

PCO Number:	00000010	ID:		Domain:		Loaded Successfully to Quality Products - DB 2013 qp at 1/20/22 7:24:15 PM							
Type:	NewProd	Design Group:	eng1		Download	View PCO	Get BOM		Find Error	Setup		Editable field	
Class:		User Code 1:										Read-only field	
Originator:		User Code 2:			Upload	Lookup	Get Where Used		Clear	Help			
Title:	new product												
Reason:	new product												

Submitted:		Approved:			Route for Approval		Route Comments:	

Parent Item	Parent Description	Component	Component Description	Ref	Deact (yes/no)	Qty Per	Struct Type	Mndry	Dflt Option	Remarks	Scrap %	LT Offset	Op	Seq	Comments	Std Cost
0995576-0018	M & E Assy 7.24 x 11.02 XC35-5K2	0924218-0000	w/wire .045CB 40#		no	0.071		yes	yes		0	0	0	0		1
0995576-0020	Test BOM	0924218-0000	w/wire .045CB 40#		no	0.071		yes	yes		0	0	0	0		1
2A1	Motor Asm 6 Way Seat Adj 24V 3am	1p1	Motor 24V 3amp 2hp 1/2dia		yes	1.0		yes	yes	ECN1110	0	0	10	0	New motor and motor plate s	10
2A1	Motor Asm 6 Way Seat Adj 24V 3am	1sa1	Motor Mtg Plate Asm		yes	1.0		yes	yes	ECN1110	0	0	20	0		3.91721999
2A1	Motor Asm 6 Way Seat Adj 24V 3am	2p1	Motor 24V 3amp 1.5hp 1/2dia		no	1.0		yes	yes	NP001000	0	0	10	0		10
2A1	Motor Asm 6 Way Seat Adj 24V 3am	2sa1	Motor Mtg Plt Asm 6 way		no	1.0		yes	yes	NP001000	0	0	20	0		3.51494999

If routing is successful message "Routed successfully" will be displayed in a Status window and a date PCO has been submitted displayed in the "Submitted" field in the header.

PCO Number:	00000010	ID:		Domain:		Routed Successfully to Quality Products - DB 2013 qp at 1/21/22 2:43:00 PM							
Type:	NewProd	Design Group:	eng1		Download	View PCO	Get BOM		Find Error	Setup		Editable field	
Class:		User Code 1:										Read-only field	
Originator:		User Code 2:			Upload	Lookup	Get Where Used		Clear	Help			
Title:	new product												
Reason:	new product												

Submitted:	01/21/2022	Approved:		Route Comments:	

Status ×

Loading Data...
ROUTED SUCCESSFULLY

32Soft Inc. [Close]

Parent Item	Parent Description	Component	Component Description	Remarks	Scrap %	LT Offset	Op	Seq	Comments	Std Cost
0995576-0018	M & E Assy 7.24 x 11.02 XC35-5K2	0924218-0000	w/wire .045CB 40#		0	0	0	0		1
0995576-0020	Test BOM	0924218-0000	w/wire .045CB 40#		0	0	0	0		1
2A1	Motor Asm 6 Way Seat Adj 24V 3am	1p1	Motor 24V 3amp 2hp 1/2d	110	0	0	10	0	New motor and motor plate s	10
2A1	Motor Asm 6 Way Seat Adj 24V 3am	1sa1	Motor Mtg Plate Asm	110	0	0	20	0		3.91721999
2A1	Motor Asm 6 Way Seat Adj 24V 3am	2p1	Motor 24V 3amp 1.5hp 1/	1000	0	0	10	0		10
2A1	Motor Asm 6 Way Seat Adj 24V 3am	2sa1	Motor Mtg Plt Asm 6 way	1000	0	0	20	0		3.51494999

Once PCO is routed it is assigned a routing slip with list of users that should approve the order.

PCO approval status can be monitored from the "PCO Summary" tab (see PCO Summary: Download)

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Generic function: Lookup

User can use a lookup function to search for field values in QAD.

For example, to look for Item number enter partial item code OR description in the item field and click on the [LOOKUP] button.

List of matching item codes will be displayed in the drop down window.

Select an item from the list or click on the red line to close the lookup window.

Lookup function is a vailable only for a selected fields. If field does not have lookup available message "Lookup is not available for this field" will be displayed in the header.

To close the lookup list click on the red line at the botom of the lookup window.

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Generic function: Find Errors

When data are validated or uploaded into to QAD with 32soft data loader action status is shown either in a pop-up Status window or at the top of the header.

When errors are found cells with errors are highlighted in red and error details are placed into cell comments/notes. User can hover over these cells to see error details.

To quickly locate error cells user can use [FIND ERROR] button.

PCO Number:	00000009	ID:		Domain:	You connected to Quality Products - DB 2013 qp					
Type:	NewProd	Design Group:	eng1		Download	View PCO	Get BOM	Find Error	Setup	Editable field
Class:		User Code 1:								Read-only field
Originator:		User Code 2:			Upload	Lookup	Get Where Used	Clear	Help	
Title:	Intro of 6 way Seat Adjustor									
Reason:	Problem: 8-way seat adjustor used in 6-way applications|leads to installation errors|Solution: introduce a new 6-way seat adjustor asm||									

Submitted:		Approved:			Route for Approval		Route Comments:	

Parent Item	Parent Description	Component	Component Description	Ref	Deact (yes/no)	Qty Per	Struct Type	Mndry	Dflt Option	Remarks	Scrap %	LT Offset	Op	Seq	Comments	Std Cost
0995576-0018	M & E Assy 7.24 x 11.02 XC35-5K2	0924218-0000	w/wire .045CB 40#		no	0.071		yes	yes		0	0	0	0		1
0995576-0020	Test BOM	0924218-0000	w/wire .045CB 40#		no	0.071		yes	yes		0	0	0	0		1
2A1C	Mot... ERROR: Item number or BOM code must exist ...24V 3amp 2hp 1/2dia			yes	1.0		yes	yes	ECN1110	0	0	10	0	New motor and motor plate s...	10
2A1	Mot... Mtg Plate Asm			yes	1.0		yes	yes	ECN1110	0	0	20	0		3.91721999
2A1	Mot... 24V 3amp 1.5hp 1/2dia			no	1.0		yes	yes	NP001000	0	0	10	0		10
2A1	Motor Asm 6 Way Seat Adj 24V 3am 2sa1	Motor Mtg Plt Asm 6 way		no	1.0		yes	yes	NP001000	0	0	20	0		3.51494999

Clicking on [FIND ERROR] button will move between error values each time activating another cell with an error (if there is more than one).

Errors need to be corrected before uploading data into QAD again. When there is an error in a spreadsheet cell no records will be uploaded into QAD.

Generic function: Clear

User can use a Clear function to quickly clear data from the Excel worksheet.

For example, to clear data from "PCO BOM" tab click on the [CLEAR] button.

PCO Number:	00000009	ID:		Domain:	Downloaded Successfully from Quality Products - DB 2013 qp					
Type:	NewProd	Design Group:	eng1		Download	View PCO	Get BOM	Find Error	Setup	Editable field
Class:		User Code 1:								Read-only field
Originator:		User Code 2:			Upload	Lookup	Get Where Used	Clear	Help	
Title:	Intro of 6 way Seat Adjustor									
Reason:	Problem: 8-way seat adjustor used in 6-way applications|leads to installation errors|Solution: introduce a new 6-way seat adjustor asm||									

Submitted:		Approved:			Route for Approval		Route Comments:	

Parent Item	Parent Description	Component	Component Description	Ref	Deact (yes/no)	Qty Per	Struct Type	Mndry	Dflt Option	Remarks	Scrap %	LT Offset	Op	Seq	Comments	Std Cost
0995576-0018	M & E Assy 7.24 x 11.02 XC35-5K2	0924218-0000	w/wire .045CB 40#		no	0.071		yes	yes		0	0	0	0		1
0995576-0020	Test BOM	0924218-0000	w/wire .045CB 40#		no	0.071		yes	yes		0	0	0	0		1
2A1	Motor Asm 6 Way Seat Adj 24V 3am 1p1	Motor 24V 3amp 2hp 1/2dia		yes	1.0		yes	yes	ECN1110	0	0	10	0	New motor and motor plate s...	10
2A1	Motor Asm 6 Way Seat Adj 24V 3am 1sa1	Motor Mtg Plate Asm		yes	1.0		yes	yes	ECN1110	0	0	20	0		3.91721999
2A1	Motor Asm 6 Way Seat Adj 24V 3am 2p1	Motor 24V 3amp 1.5hp 1/2dia		no	1.0		yes	yes	NP001000	0	0	10	0		10
2A1	Motor Asm 6 Way Seat Adj 24V 3am 2sa1	Motor Mtg Plt Asm 6 way		no	1.0		yes	yes	NP001000	0	0	20	0		3.51494999

Header and detailed section of PCO BOM template will be creared.

Clear function is automatically executed when [DOWNLOAD] button is clicked.

PCO Number:		ID:		Domain:								Editable field
Type:		Design Group:			Download	View PCO	Get BOM		Find Error	Setup		Read-only field
Class:		User Code 1:										
Originator:		User Code 2:			Upload	Lookup	Get Where Used		Clear	Help		
Title:												
Reason:												

Submitted:		Approved:					Route for Approval		Route Comments:	

Parent Item	Parent Description	Component	Component Description	Ref	Deact (yes/no)	Qty Per	Struct Type	Mndry	Dflt Option	Remarks	Scrap %	LT Offset	Op	Seq	Comments	Std Cost

Generic function: Help

User can use a Help function to check for Data Loader documentation on 32Soft website.

Click on the [HELP] button to open web documentation for a data loader from 32soft website.

Note: not all documentation is posted on the website. If you do not see the one you are looking for please check with contact 32soft team.

Have Questions? Contact Us.

Now that you know everything is set-up correctly, you are on your way to a more productive QAD experience with Data Loaders! Thank you for your interest.

If you have any questions or need additional help, please do not hesitate to contact us.