

32 SOFT
DATA LOADERS
Productivity Solutions for QAD ERP

13.5 Product Structure Maintenance Data Loader User Guide



13.5 Product Structure Maintenance 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 set up and use the 13.5 Product Structure Maintenance Data Loader.

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DATA LOADERS

We have dozens of
DATA LOADERS
for every major QAD process

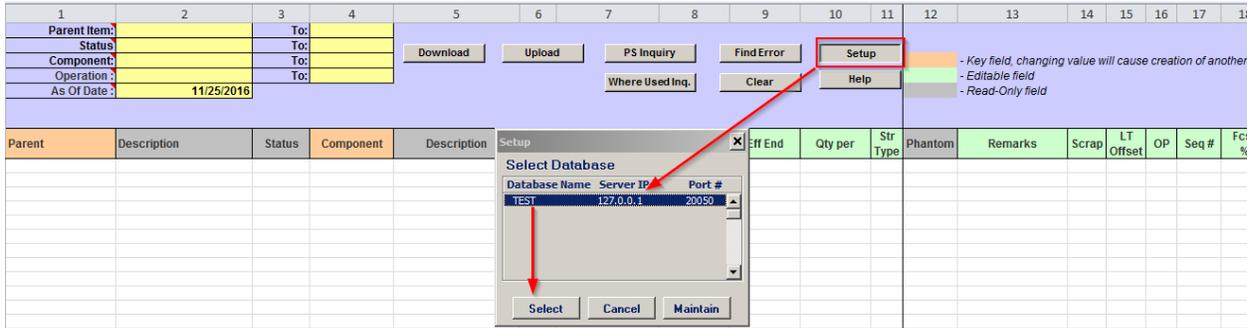
-  Master Data & Inventory
-  Distribution & Supply Chain
-  Finance
-  Production

To browse a complete list of Data Loaders, [click here](#).

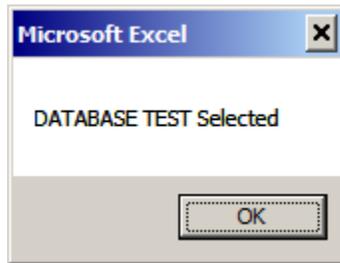
13.5 Product Structure Maintenance User Guide

Set Up

1. Open up the Loader and check that correct database is set up. Click on the [SETUP] button to open the window and highlight the correct database. Click on [SELECT] when done.

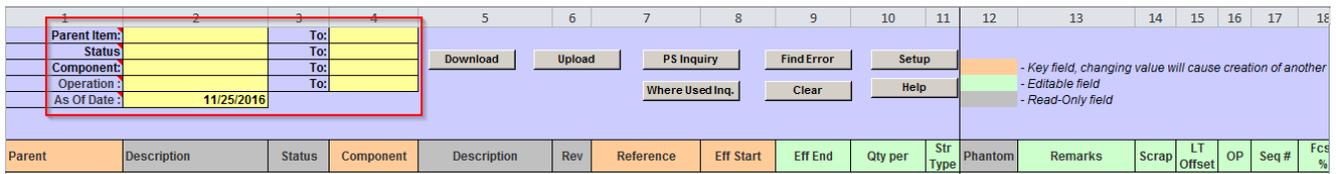


- Pop Up Window will be displayed showing available databases from which to select.
- Highlight desired database and click on the [SELECT] button
- Message will be displayed showing database selected. Click [OK] to continue.



BOM Maintenance

1. You can use this loader to maintain existing product structure (BOM) records by entering in the search criteria in the yellow highlighted fields.

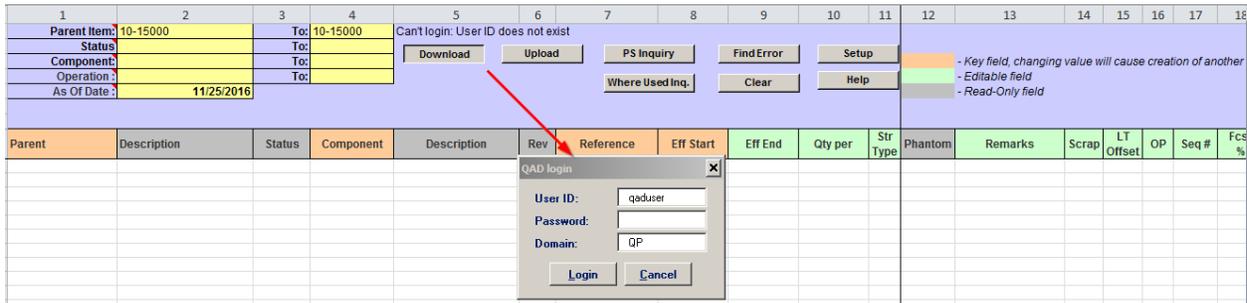


Search parameters are available for the following fields:

- **Parent Item:** enter range of Parent Item# or leave blank for all
- **Status:** enter range of Parent Item Status or leave blank for all
- **Component:** enter range of Component Item# or leave blank for all
- **Operation:** enter range of Operation# or leave blank for all
- **As of Date:** enter As of Date or leave blank for all

2. Once Search parameters are entered, select the [DOWNLOAD] button.

- When Action buttons are selected for the first time, a pop-up window will be displayed for user login. User ID is validated against QAD. Use your QAD user ID and password.



- Enter QAD User ID, Password and Domain
- Select [LOGIN] button to continue.

Please note: if provided credentials are incorrect or the user is not authorized to use transactions in menu 13.5 in QAD, the database connection will not be established and the QAD login window will reappear.

- The Data Loader will display data based on the search criteria. A message will indicate whether a download was successful or not:

Parent	Description	Status	Component	Description	Rev	Reference	Eff Start	Eff End	Qty per	Str Type	Phantom	Remarks	Scrap	LT Offset	OP	Seq #	Fcs %
Downloaded Successfully from eB21SP5 QP																	
10-15000	NOMAD(TM) COOLING SYSTI AC		44-110	Optical Table-ID Damp	AB				1.000	no			0	0		5	100.0
10-15000	NOMAD(TM) COOLING SYSTI AC		55-110	EVAPORATOR,SERIES 100 AA					1.000	no			0	0		4	100.0
10-15000	NOMAD(TM) COOLING SYSTI AC		66-210	PUMP,AUTO,BATTERY LINI AA					1.000	no			0	0		3	100.0
10-15000	NOMAD(TM) COOLING SYSTI AC		88-100	CASE,AUTO-UNIT	AA				1.000	no			1	0		2	100.0
10-15000	NOMAD(TM) COOLING SYSTI AC		99-510	BOX,SHIPPER,LARGE	AA				1.000	no			2	0		1	100.0
10-15000	NOMAD(TM) COOLING SYSTI AC		TOTE-L	Tote bin Large					8.600	no			0	0		0	100.0

- Columns highlighted in orange (see legend) are key fields
- Columns highlighted in green are writable.
- Columns highlighted in grey are read-only.

3. To replace an existing component with new item, enter the date in EFF END date field of the component you want replaced, and enter the new component information on a new line with the start date.

Parent	Description	Status	Component	Description	Rev	Reference	Eff Start	Eff End	Qty per	Str Type	Phantom	Remarks	Scrap	LT Offset	OP	Seq #	Fcs %
Downloaded Successfully from eB21SP5 QP																	
10-15000	NOMAD(TM) COOLING SYSTI AC		44-110	Optical Table-ID Damp	AB			11/24/2016	1.000	no			0	0		5	100.0
10-15000	NOMAD(TM) COOLING SYSTI AC		55-110	EVAPORATOR,SERIES 100 AA					1.000	no			0	0		4	100.0
10-15000	NOMAD(TM) COOLING SYSTI AC		66-210	PUMP,AUTO,BATTERY LINI AA					1.000	no			0	0		3	100.0
10-15000	NOMAD(TM) COOLING SYSTI AC		88-100	CASE,AUTO-UNIT	AA				1.000	no			1	0		2	100.0
10-15000	NOMAD(TM) COOLING SYSTI AC		99-510	BOX,SHIPPER,LARGE	AA				1.000	no			2	0		1	100.0
10-15000	NOMAD(TM) COOLING SYSTI AC		TOTE-L	Tote bin Large					8.600	no			0	0		0	100.0
10-15000			44-110				11/25/2016		2				0	0		0	100.0

4. To update an existing component, enter the data in the green highlighted columns:

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
Parent Item:	10-15000	To:	10-15000	Downloaded Successfully from eB21SP5 QP														
Status:		To:		Download	Upload	PS Inquiry	Find Error	Setup	- Key field, changing value will cause creation of another									
Component:		To:		Where Used Inq.				Clear	Help	- Editable field								
Operation:		To:		- Read-Only field														
As Of Date:	11/25/2016	To:																
Parent	Description	Status	Component	Description	Rev	Reference	Eff Start	Eff End	Qty per	Str Type	Phantom	Remarks	Scrap	LT Offset	OP	Seq #	Fcs %	
10-15000	NOMAD(TM) COOLING SYSTI AC		44-110	Optical Table-IQ Damp	AB			11/24/2016	1,000	no				0	0	5	100.0	
10-15000	NOMAD(TM) COOLING SYSTI AC		55-110	EVAPORATOR,SERIES 100 AA					1,000	no				0	0	4	100.0	
10-15000	NOMAD(TM) COOLING SYSTI AC		66-210	PUMP,AUTO BATTERY LNI	AA				1,000	no				0	0	3	100.0	
10-15000	NOMAD(TM) COOLING SYSTI AC		88-100	CASE,AUTO-UNIT	AA				1,000	no				1	0	2	100.0	
10-15000	NOMAD(TM) COOLING SYSTI AC		99-510	BOX,SHIPPER,LARGE	AA				2,000	no				2	0	1	100.0	
10-15000	NOMAD(TM) COOLING SYSTI AC		TOTE-L	Tote bin Large					8,600	no				0	0	0	100.0	
10-15000	NOMAD(TM) COOLING SYSTI AC		44-111	Tote bin Large				11/25/2016	2	no				0	0	0	100.0	

5. When you are finished entering data, select the [UPLOAD] button and status will be displayed in pop up window with a message.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
Parent Item:	10-15000	To:	10-15000	Loaded Successfully to eB21SP5 QP at 11/25/16 12:09:35 PM														
Status:		To:		Download	Upload	PS Inquiry	Find Error	Setup	- Key field, changing value will cause creation of another									
Component:		To:		Where Used Inq.				Clear	Help	- Editable field								
Operation:		To:		- Read-Only field														
As Of Date:	11/25/2016	To:																
Parent	Description	Status	Component	Desc	Status	Qty per	Str Type	Phantom	Remarks	Scrap	LT Offset	OP	Seq #	Fcs %				
10-15000	NOMAD(TM) COOLING SYSTI AC		44-110	Optical Tabl	Processing Row ... 11	1,000	no				0	0	5	100.0				
10-15000	NOMAD(TM) COOLING SYSTI AC		55-110	EVAPORATI	Processing Row ... 12	1,000	no				0	0	4	100.0				
10-15000	NOMAD(TM) COOLING SYSTI AC		66-210	PUMP,AUTO	Processing Row ... 13	1,000	no				0	0	3	100.0				
10-15000	NOMAD(TM) COOLING SYSTI AC		88-100	CASE,AUTO	Processing Row ... 14	1,000	no				1	0	2	100.0				
10-15000	NOMAD(TM) COOLING SYSTI AC		99-510	BOX,SHIPE	Processing Row ... 15	2,000	no				2	0	1	100.0				
10-15000	NOMAD(TM) COOLING SYSTI AC		TOTE-L	Tote bin Lar	Processing Row ... 16	8,600	no				0	0	0	100.0				
10-15000	NOMAD(TM) COOLING SYSTI AC		44-111	Tote bin Lar	Processing Row ... 17	2	no				0	0	0	100.0				

Note: Product Structure change has been updated in Product Structure Maintenance screen in QAD (13.5)

```

mfg@amz32: ~
bmpsmt.p 1+      13.5 Product Structure Maintenance      11/25/16
-----
Parent Item: 10-15000
Description: NOMAD(TM) COOLING SYSTEM

Component Item: 44-111      Optical Table-IQ Damp
Rev: AB                    ST-46-8  4' x 6' x 8"

Reference:
Start Effective: 11/25/16      End Effective:

Quantity Per: 2.0            EA      Scrap: 0.00%
                               Lead Time Offset:
                               Operation:
                               Sequence Number:
Structure Type:              Forecast Percent: 100.00%
Start Effective: 11/25/16      Option Group:
End Effective:                Process:
Remarks:

F1=Go 2=Hlp 3=Ins 4=End 6=Mnu 7=Rcl 8=Clr 9=Prev 10=Next 11=Buf
  
```

6. To maintain all parent items with same components, enter component number in the "Component"/"To" fields and press [DOWNLOAD]. These 2 fields are ranges, so if only 1 component is required, enter the same component in the "From" field and the "To" field.

The screenshot shows a form with fields for 'Parent Item', 'Status', 'Component', 'Operation', and 'As Of Date'. The 'Component' and 'To' fields are both set to '88-100'. The 'Download' button is highlighted with a red box. Below the form is a table with columns: Parent, Description, Status, Component, Description, Rev, Reference, Eff Start, Eff End, Qty per, Str Type, Phantom, Remarks, Scrap, LT Offset, OP, Seq #, Fcs %.

Results will be displayed showing all the parent items with specified component

The screenshot shows the same form as above, but now the 'Download' button is disabled and a message 'Downloaded Successfully from eB21SP5 QP' is displayed. Below the form is a table with columns: Parent, Description, Status, Component, Description, Rev, Reference, Eff Start, Eff End, Qty per, Str Type, Phantom, Remarks, Scrap, LT Offset, OP, Seq #, Fcs %.

Parent	Description	Status	Component	Description	Rev	Reference	Eff Start	Eff End	Qty per	Str Type	Phantom	Remarks	Scrap	LT Offset	OP	Seq #	Fcs %
02-0001-A	CONFIGURED DISPLAY RACK AC		88-100	CASE,AUTO-UNIT	AA				2.250		no			0	10	0	100.0
10-15000	NOMAD(TM) COOLING SYSTI AC		88-100	CASE,AUTO-UNIT	AA				1.000		no			1	0	2	100.0

You can then expire, replace or change quantity for these components for all parent items:

The screenshot shows the same form as above, but now the 'Upload' button is highlighted with a red box. A dialog box is open over the table, showing a 'Status' window with a 'Qty per' field set to '4.000'. The dialog box contains the following text: 'Validating data...', 'Processing Row ... 11', 'Processing Row ... 12', 'Loading Data...', 'LOADED SUCCESSFULLY'. The 'Qty per' field is highlighted with a red box.

7. To view where a component is used, enter the component number in the "Component" field and select the [WHERE USED INQ] button. This will open a window showing all parent items where the component is used.

The screenshot shows the same form as above, but now the 'Where Used Inq.' button is highlighted with a red box. A window titled 'QAD Output' is open, displaying the following data:

```

13.7 Where-Used Inquiry

Parent Item      Description      UM  Eff Date  Levels  Output
88-100           CASE,AUTO-UNIT  EA  11/25/16  99      S00048

Level  Parent Item      Description      Quantity Per UM Ph T Iss
-----
1      02-0001-A        CONFIGURED DISPLAY RACK  3.0 EA No Yes
1      10-15000         NOMAD(TM) COOLING SYSTEM  4.0 EA No Yes
      AUTOMOTIVE UNIT
.2     COOLERS          AIR CONDITIONER FAMILY  1.0 EA No Yes
  
```

- To view the full Product Structure for a Parent, with all sub-components, enter the parent item number in the "Parent" field and select the [PS INQUIRY] button. This will open a window showing the parent product structure.

The screenshot shows a software interface with a top navigation bar and a main data table. A red arrow points from the 'PS INQUIRY' button in the top bar to the 'QAD Output' window. The 'QAD Output' window displays the following information:

13.6 Product Structure Inquiry
 Parent Item: 10-15000 NOMAD(TM) COOLING SYSTEM EA
 Effective: 11/25/16 Levels: 99 Rev:
 Number: ID: Domain: Output: S00048

Level	Component Item	Description	Quantity	Per UM	Ph	T	Iss
Parent	10-15000	NOMAD(TM) COOLING SYSTEM					EA
1	44-111	AUTOMOTIVE UNIT					EA
1	44-111	Optical Table-IQ Damp	2.0				EA
1	55-110	ST-46-8 4' x 6' x 8"					EA
1	66-210	EVAPORATOR, SERIES 1000	1.0				EA
1	66-210	PUMP, AUTO, BATTERY LINK	1.0				EA
1	88-100	CASE, AUTO-UNIT	4.0				EA
.2	88-4000	PLASTIC PELLETS	1.2345679				KG
		MIL-999-001					
.3	02-0001	CONFIGURED DISPLAY RACK	1.2345679				EA
.3	02-0005	MECHANICAL PENCIL	12.345679				EA
		(S/M) BLISTER PACKED					
.3	02-0009	Packaged Pen	123.45679				EA
.2	88-5000	RESIN BASE	1.0				KG
.2	newitem	newdescription					
		Steel					

New Product Structure Creation

- This Data Loader can also be used to create new product structures. Leave the search criteria blank and at the line level, enter the new BOM information.

Parent	Description	Status	Component	Description	Rev	Reference	Eff Start	Eff End	Qty per	Str Type	Phantom	Remarks	Scrap	LT Offset	OP	Seq #	Fcs %
02-0001-A	CONFIGURED DISPLAY RACK AC		240-01-02-132/3A	Roller Assembly					1.000		no			0	0	0	100.0
02-0001-A	CONFIGURED DISPLAY RACK AC		3-20102	Sub Asm Component 2					1.000		no			0	10	0	100.0
02-0001-A	CONFIGURED DISPLAY RACK AC		88-100	CASE, AUTO-UNIT	AA				3.000		no			0	10	0	100.0
02-0001-A	CONFIGURED DISPLAY RACK AC		88-1000	CASE, HOME/INDUST UNIT					1.000		no			0	10	0	100.0

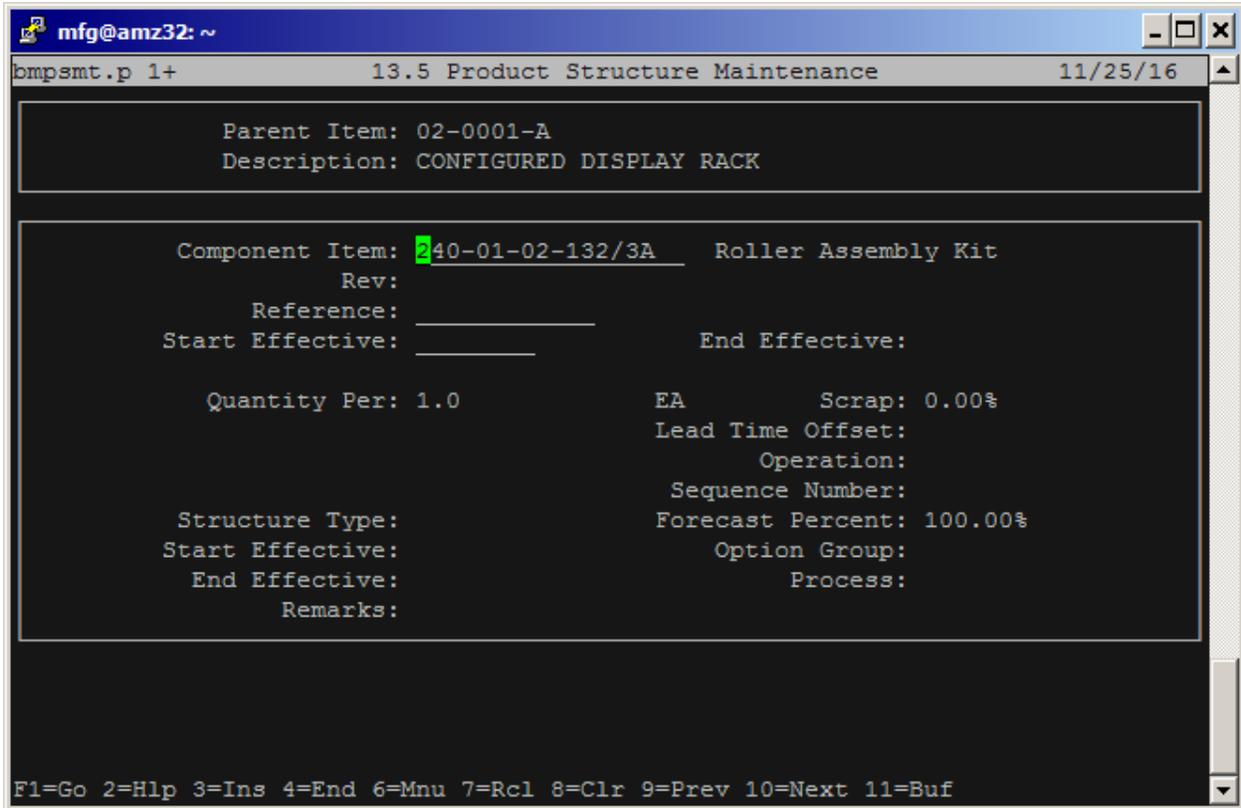
- When done entering information, select the [UPLOAD] button to submit to QAD. A status window appears indicating whether or not the upload was successful.

The screenshot shows the same data table as above, but with a status window open over it. The status window contains the following text:

Validating data...
 Processing Row ... 11
 Processing Row ... 12
 Processing Row ... 13
 Processing Row ... 14
 Loading Data...
 LOADED SUCCESSFULLY

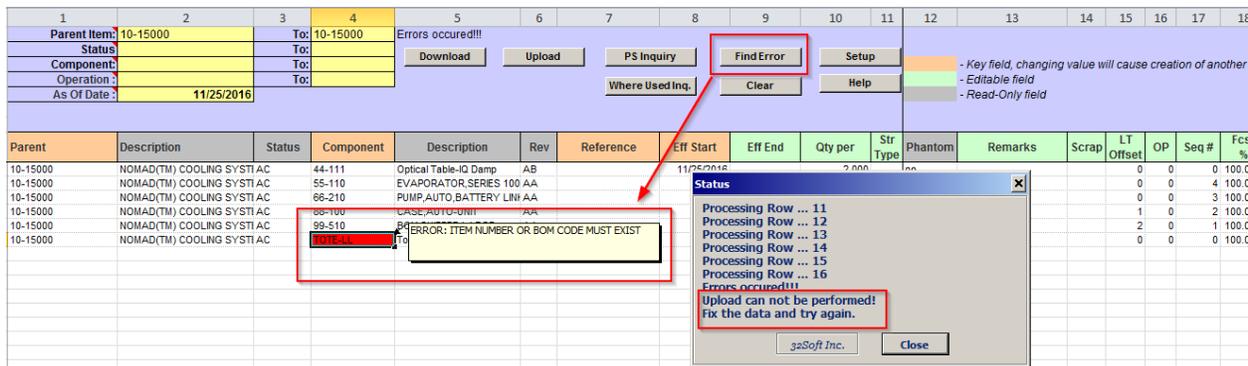
Buttons: 32Soft Inc., Close

3. The new product structure can be viewed in QAD 13.5 Product Structure Maintenance screen.



Error Checking

When you upload to QAD, a pop-up window will indicate the status of the upload. If there is an error, the cell with the error will be highlighted in red. If you hover over the cell, the reason for the error will be displayed.



- You can use the [Find Error] button to navigate between cells with errors.
- You must correct the error before uploading again. If there is error in one cell, no records will be uploaded.

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.