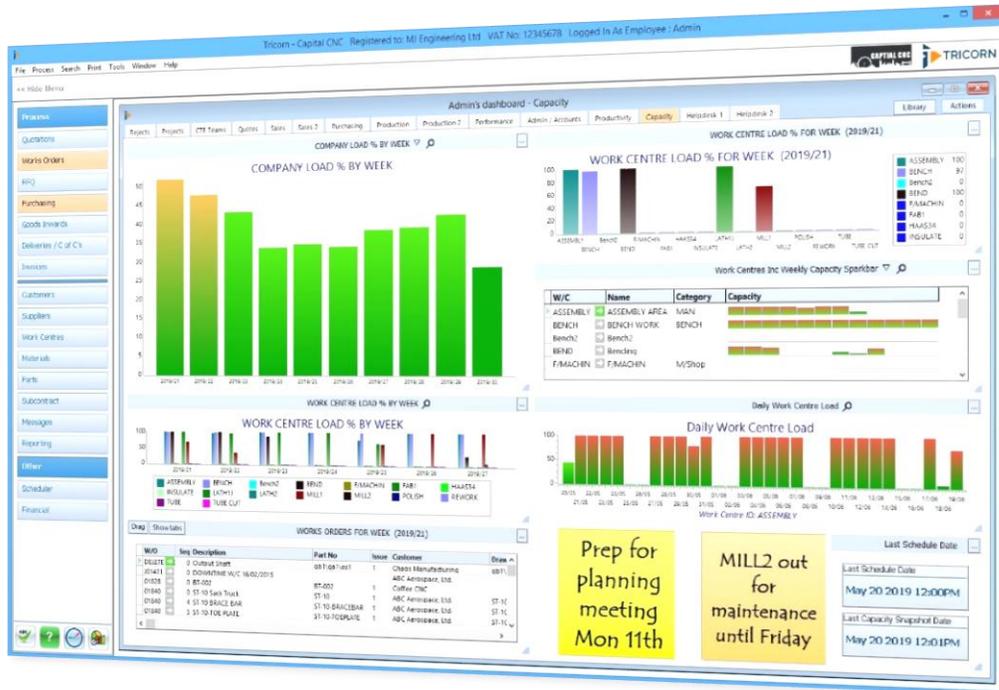




TRICORN:Production 8.1



Release Notes

September 2019

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Introduction

A new release of TRICORN:Production – version 8.1 – will shortly be available. This is a free upgrade for all sites with a maintenance agreement/subscription, and includes some great enhancements and new features.

This document attempts to summarise all of our hard work to give you a good idea of what to expect. Firstly, here’s a brief list of some of the changes:

- Supplier RFQ Module
- New Document Links feature to replace File Attachments
- Sell From Stock and Counter Sale order types
- Selling price breaks
- Fast Delivery Note & Invoice shortcuts
- Part version history & up-issue
- Rework handling
- Dashboard enhancements
- Personalise the software with your company logo
- and lots more...

Read on for more details....

If you have any feedback about our software products please get in touch. Many of the features added to 8.1 are the result of ideas/input from our customers. Our goal is to keep pushing the products forward, fixing issues and introducing must-have new features.

Thanks for using our software 😊

Jon

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Supplier RFQ

This new module allows you to create an RFQ (Request For Quote) to send to suppliers, and allows you to track and accept quotes received.

Type	Specification	Description	For	Requirements WOs Quotes	Qty	Current Cost	UOM	Form	Fawley Pipes	Trotters Independent Trading	BSE
Material	BAR-002	BAR-002	W/O J50226 / 0	22	20				£5 (7 days)	£10 (1 day)	£8 (1
Material	SPEC	BAR-SST-80-SQ	Quote Q09177	297 2081	10				£6 (7 days)	(DECLINED)	£6
Material		RUBBER	W/O J50226 / 0	62 9	20	£3.50	Metres	Metres		£3.50 Metres	

RFQs can be generated from various points in the system:

- When creating a quote
- When creating a works order
- When looking to buy something using the Purchasing Assistant
- Via the RFQ form

For example, when raising a quote if you're unsure of the cost of a material and/or a suitable supplier you can generate an RFQ from the material edit dialog. Click the [RFQ] button and select *Create New RFQ*.

A new RFQ is generated with the required item on it. In this case there are no suppliers yet. If the material had a default supplier they would be automatically added to the RFQ.

Click the [+] button in the *Suppliers* section to find suppliers to add to the RFQ. The supplier list shows their rating which you can use to help decide. Here we have selected 2 suppliers to send the RFQ to:

We use a business card to represent each supplier including the contact name, address, phone no, email address and company logo.

Further materials and other items can be added to the RFQ as required, and the RFQ can then be printed/emailed.

Note that the material line on the quote now shows an amber (waiting) RFQ symbol next to the total cost. When you see this symbol on a quote or WO you can click it to navigate to the appropriate RFQ.

Work Centres	Materials	Parts	Subcon	Tooling	Assembly Components																										
	<table border="1"> <thead> <tr> <th>Specification</th> <th>Description</th> <th>Unit Qty</th> <th>Plan Qty</th> <th>Needed</th> <th>Cost Qty</th> <th>Surcharge</th> <th>Adjustment</th> <th>Uplift %</th> <th>Cost</th> <th>Unit Cost</th> <th>Total Cost</th> <th>Lead Tim</th> </tr> </thead> <tbody> <tr> <td>SPEC</td> <td>BAR-SST-80-SQ</td> <td>1</td> <td>40</td> <td>40</td> <td>1</td> <td></td> <td>£0.00</td> <td>0</td> <td>£0.00</td> <td>£0.00</td> <td>RFQ £0.00</td> <td></td> </tr> </tbody> </table>	Specification	Description	Unit Qty	Plan Qty	Needed	Cost Qty	Surcharge	Adjustment	Uplift %	Cost	Unit Cost	Total Cost	Lead Tim	SPEC	BAR-SST-80-SQ	1	40	40	1		£0.00	0	£0.00	£0.00	RFQ £0.00					
Specification	Description	Unit Qty	Plan Qty	Needed	Cost Qty	Surcharge	Adjustment	Uplift %	Cost	Unit Cost	Total Cost	Lead Tim																			
SPEC	BAR-SST-80-SQ	1	40	40	1		£0.00	0	£0.00	£0.00	RFQ £0.00																				

When each response is received the details can be entered against the material line. You can use this to compare the offers and decide which supplier to use. Here we've opted to go with *Trotters* (colouring the cell green) as although they're more expensive they can get us the material within 1 day:

Type	Specification	Description	For	Requirements (WOs, Quotes)	Qty	Current Cost	UOM	Form	Trotters Independent Trading	Standard Metal Works
Material	SPEC	BAR-SST-80-SQ	Quote Q09180	284 2121	40		Metres	Metres	£10 Metres (1 day)	£9 Metres (4 days)

Accepting the RFQ updates the quote with the selected cost and supplier. The software can also set the supplier up as the default for the material in the future, as well as recording quotes from other suppliers for future reference.

Once the RFQ is accepted, the material line on the quote now shows a green (accepted) RFQ symbol:

Specification	Description	Unit Qty	Plan Qty	Needed	Cost Qty	Surcharge	Adjustment	Uplift %	Cost	Unit Cost	Total Cost	Lead Tim
▶ SPEC	BAR-SST-80-SQ	1	40	40	1		£0.00	0	£10.00	£10.00	RFQ 400.00	

Purchasing

Line Numbers

We've added line numbers to PO lines in this release. These are added to the line automatically when items are added to the PO:

Purchase Orders - Sorted by Purchase Order (ASCENDING)

Created By : Admin Last Updated By : Admin Current Owner : Admin Take Ownership

Order No: P00476 Date: 03/09/2018 Issue/Ack: 1 0 Supplier: Bash Street Metal Welders

Location: Bash Street Metal Welders

Leading Notes: As per phone call please supply asap Currency: Sterling Contact: Deborah Bash

Trailing Notes: Exch Rate: 1 Tel: Fax: Total Price: £519.00 Status: Unfinished

Purchase Order Items + W/O + - Deliveries for: Material: Bar: BAR-SST-50-SQ/2 New

Line	Item	W/O No	Seq	Description	Expected Qty	Req Date	Unit Price	Last Del Date	Delivered Qty	Item Pl
1	Material			BAR-SST-50-SQ/2	10		5.0000			BAR-SS
2	Part			M6 BOLT 50MM	40		4.0000			BOLT-M
3	Material			BAR-SST-80-SQ	15		7.0000			BAR-SS
4	Material			0.0625" Dia St/Stl ASTM A276 316L R	10		20.0000			BAR-FM
5	Part			M8 BOLT 70MM	1		4.0000			BOLT-M

If you're not happy with the line sequence you can right-click on the Line cell in the grid and choose an option from the popup menu:

Purchase Order Items + W/O + - Deliveries for: Part: M6 BOLT 50MM New

Line	Item	W/O No	Seq	Description	Expected Qty	Req Date	Unit Price	Last Del Date	Delivered Qty	Item Pl
1	Material			BAR-SST-50-SQ/2	10		5.0000			BAR-SS
2	Part			M6 BOLT 50MM	40		4.0000			BOLT-M
3	Material			BAR-SST-80-SQ	15		7.0000			BAR-SS
4	Material			0.0625" Dia St/Stl ASTM A276 316L R	10		20.0000			BAR-FM
5	Part			M8 BOLT 70MM	1		4.0000			BOLT-M

- ▲ Move Up
- ▼ Move Down
- ▲ Move First
- ▼ Move Last
- 123 Renumber items

Alternatively you can drag & drop items in the grid. Here we're dragging the Part on Line 2 down to Line 5:

Purchase Order Items +W/O + -

Line	Item	W/O No	Seq	Description
1	Material			BAR-SST-50-SQ/2
▼ 2	Part			M6 BOLT 50MM
3	Material			BAR-SST-80-SQ
4	Material			0.0625" Dia St/Stl ASTM A276 316L R
▶ 5	Part			M8 BOLT 70MM

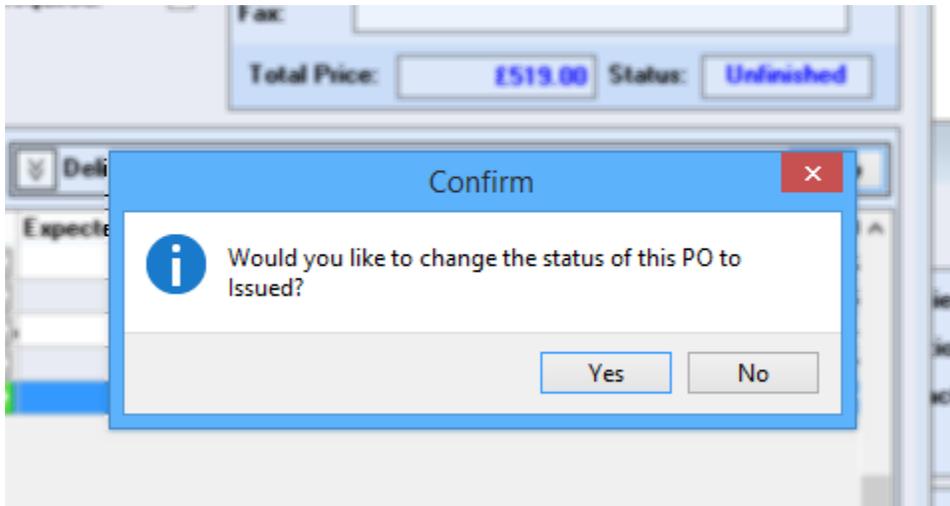
The grid refreshes with the item in its new position:

Purchase Order Items +W/O + -

Line	Item	W/O No	Seq	Description
1	Material			BAR-SST-50-SQ/2
2	Material			BAR-SST-80-SQ
3	Material			0.0625" Dia St/Stl ASTM A276 316L R
4	Part			M8 BOLT 70MM
▶ 5	Part			M6 BOLT 50MM

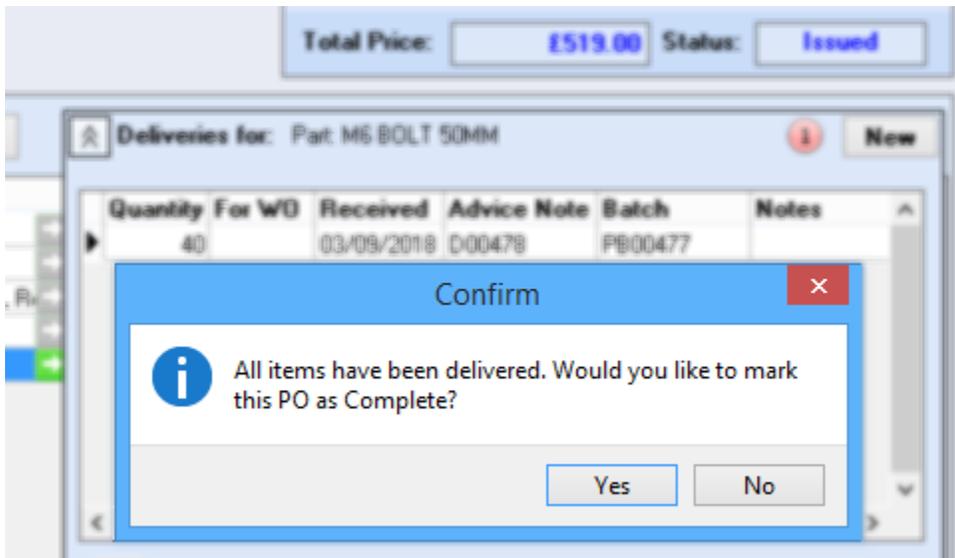
Other changes:

When an *Unfinished* PO is printed/emailed you'll now get a prompt to remind you to *Issue* the PO:



This behaviour can be switched off in Setup if required.

Similarly, when items are booked in the software will now check if all items have been delivered, and if so you'll now get a prompt to mark it as *Complete*:



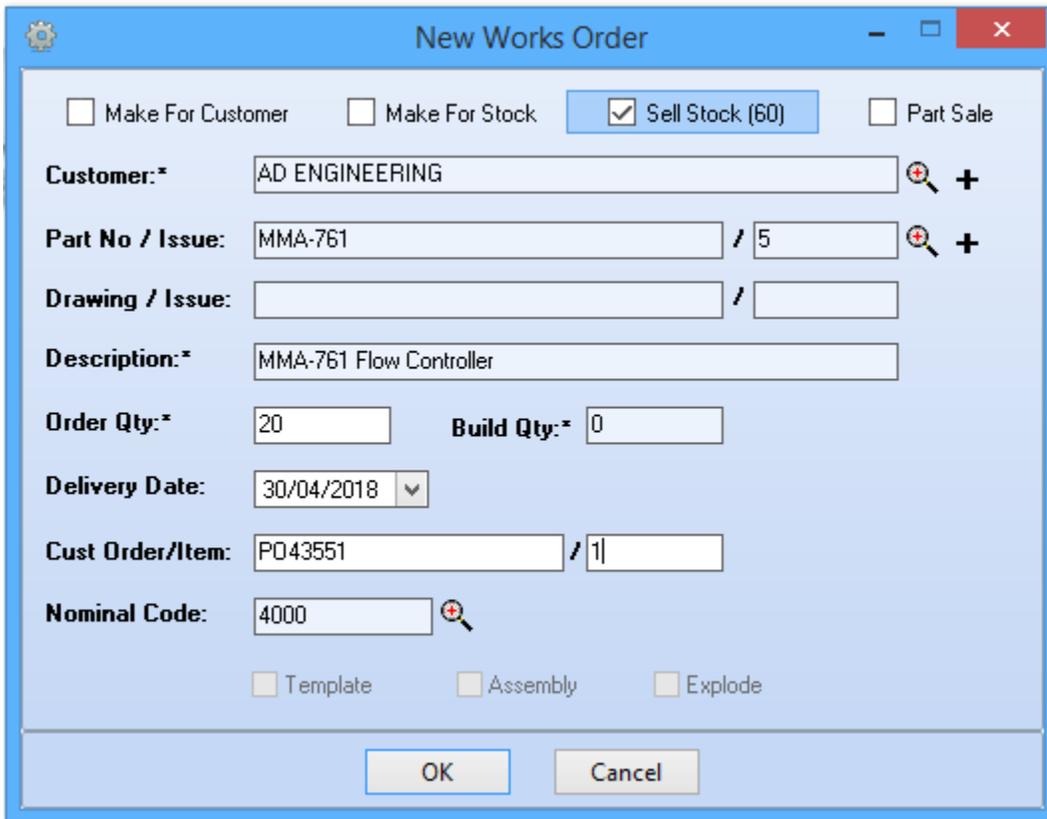
This feature can be switched off in Setup if required. You can also set it to automatically complete POs when all items are delivered without prompting.

New Works Order Types

Sell From Stock

TRICORN:Production was traditionally developed as a make-to-order system but many of our users now make in bulk and sell from stock later. The usual method for this is to raise a Works Order for a part, and also include the item as a *used* part, taking it from stock and despatching it. This is straightforward but we've added a shortcut in 8.1 to make this easier.

When raising your order, select [Sell Stock] option at the top of the dialog. Note that the current stock qty is shown too:



The screenshot shows the 'New Works Order' dialog box with the following fields and options:

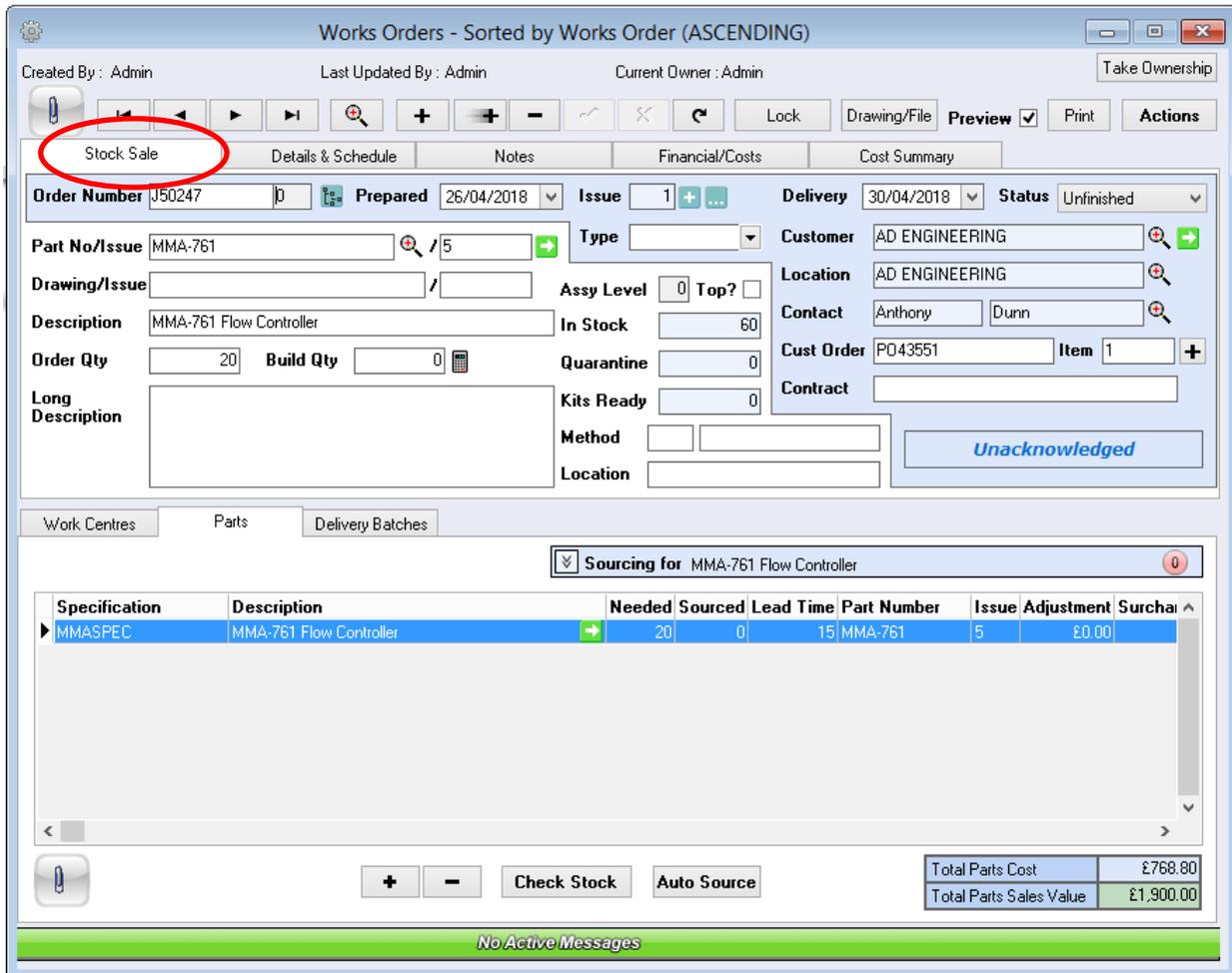
- Make For Customer
- Make For Stock
- Sell Stock (60)
- Part Sale
- Customer:*** AD ENGINEERING
- Part No / Issue:** MMA-761 / 5
- Drawing / Issue:** /
- Description:*** MMA-761 Flow Controller
- Order Qty:*** 20 **Build Qty:*** 0
- Delivery Date:** 30/04/2018
- Cust Order/Item:** PO43551 / 1
- Nominal Code:** 4000
- Template Assembly Explode

Buttons: OK, Cancel

Select the customer, Part No and qty to sell etc and click [OK].

This will create a new order with a single *Parts* line ready to source from stock. Note that the usual *Works Order* tab is now labelled *Stock Sale* and most of the usual tabs (e.g. *Materials*) are hidden as they are unnecessary.

The selling price is retrieved automatically from the part record (see [Part Selling Price Breaks](#)).



Works Orders - Sorted by Works Order (ASCENDING)

Created By : Admin Last Updated By : Admin Current Owner : Admin Take Ownership

Stock Sale Details & Schedule Notes Financial/Costs Cost Summary

Order Number: J50247 Prepared: 26/04/2018 Issue: 1 Delivery: 30/04/2018 Status: Unfinished

Part No/Issue: MMA-761 / 5 Type: Customer: AD ENGINEERING

Drawing/Issue: / Assy Level: 0 Top?: Location: AD ENGINEERING

Description: MMA-761 Flow Controller In Stock: 60 Contact: Anthony Dunn

Order Qty: 20 Build Qty: 0 Quarantine: 0 Cust Order: PD43551 Item: 1

Long Description: Kits Ready: 0 Method: Location: Contract: Unacknowledged

Work Centres Parts Delivery Batches

Sourcing for MMA-761 Flow Controller

Specification	Description	Needed	Sourced	Lead Time	Part Number	Issue	Adjustment	Surchar
MMASPEC	MMA-761 Flow Controller	20	0	15	MMA-761	5	£0.00	

Check Stock Auto Source

Total Parts Cost	£768.80
Total Parts Sales Value	£1,900.00

No Active Messages

This shortcut replicates the traditional method of selling from stock, making it quicker and easier.

Counter Sales

We developed this feature for a customer with a sales counter but it has evolved into a more generic part sales feature. The requirement was to allow selection of items to sell; sourcing and invoicing quickly while the customer waited. This is achieved as follows:

When raising the order, select the [Counter Sale] option at the top of the dialog:



New Works Order

Make For Customer
 Make For Stock
 Sell Stock
 Counter Sale

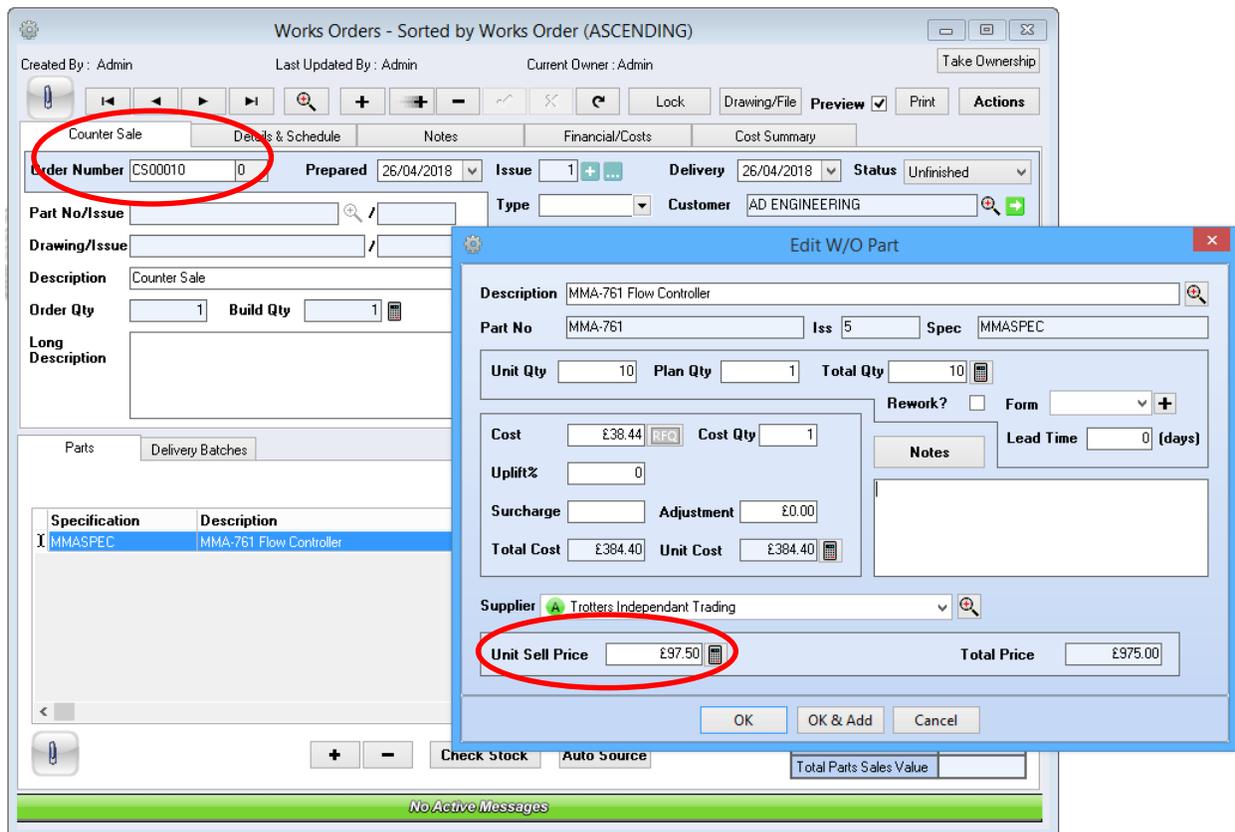
Customer:*

Part No / Issue: /

Drawing / Issue: /

Description:*

Select the customer and click [OK]. The WO form shows the [Parts] tab ready to add items to the order. When adding a part to sell, note that you can now enter the item selling price. It will default to the price set on the Part record. If [price breaks](#) have been set up these are applied here too. Counter Sales orders get their own number sequence (default prefix CS) to help distinguish them from other orders.



Works Orders - Sorted by Works Order (ASCENDING)

Created By: Admin Last Updated By: Admin Current Owner: Admin Take Ownership

Counter Sale Details & Schedule Notes Financial/Costs Cost Summary

Order Number Prepared 26/04/2018 Issue 1 Delivery 26/04/2018 Status Unfinished

Part No/Issue Drawing/Issue Description Counter Sale Order Qty 1 Build Qty 1

Parts Delivery Batches

Specification	Description
MMA-761	MMA-761 Flow Controller

Edit W/O Part

Description

Part No Iss Spec

Unit Qty Plan Qty Total Qty

Cost Cost Qty

Uplift%

Surcharge Adjustment

Total Cost Unit Cost

Supplier

Unit Sell Price Total Price

OK OK & Add Cancel

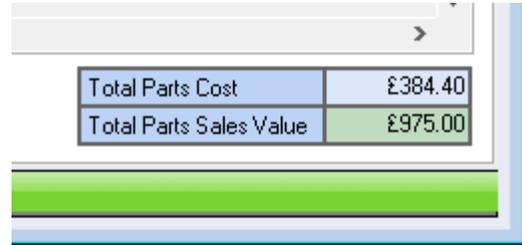
Check Stock Auto Source Total Parts Sales Value

No Active Messages

Add multiple parts as required. Note that the total sales value is shown at the bottom right of the [Parts] tab.

The T:P Job Card document can be modified to print just Part info for this order type - to be used as a picking list.

When all items have been added, the order can be delivered (if required) and invoiced. See the [Fast Invoice](#) feature. The invoice document will need modifications in order to list all items on the Counter Sale.

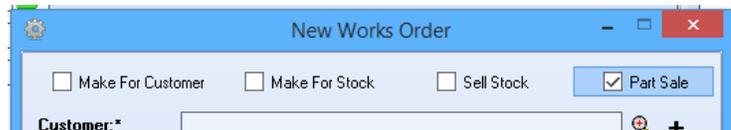


Total Parts Cost	£384.40
Total Parts Sales Value	£975.00

TIP

You can use the *Counter Sales* feature for more generic part sales and can change the name of the feature to suit. For example, change the name of the feature to *Part Sale* to use it to sell multiple parts on a single order.

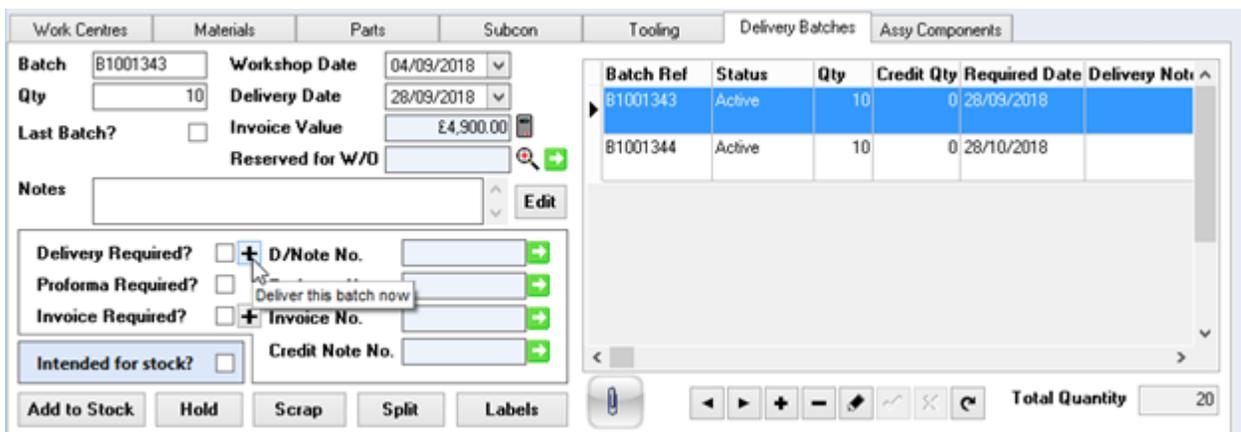
Traceability requirements should be considered when using this feature.



Fast Despatch and Invoice options

Fast Despatch from WO

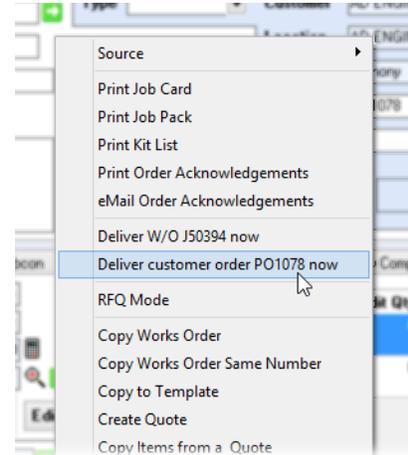
We added this feature when developing *Counter Sales* but it's a shortcut available for all Works Order types. Alongside the usual *Delivery Required* checkbox is a new [+] button.



Clicking this will automatically generate a Delivery Note/CofC for the batch ready for printing, saving a lot of time.

This is great for single batches, but in many cases you may be delivering a customer order with multiple lines on different WOs. In this case you can use the new *Deliver Customer Order Now* button on the WO Actions menu.

Clicking this selects all batches flagged for delivery for all WOs with the same Customer Order No and adds them to a new delivery note, saving lots of time. You can also opt to just deliver flagged delivery batches on the current WO.



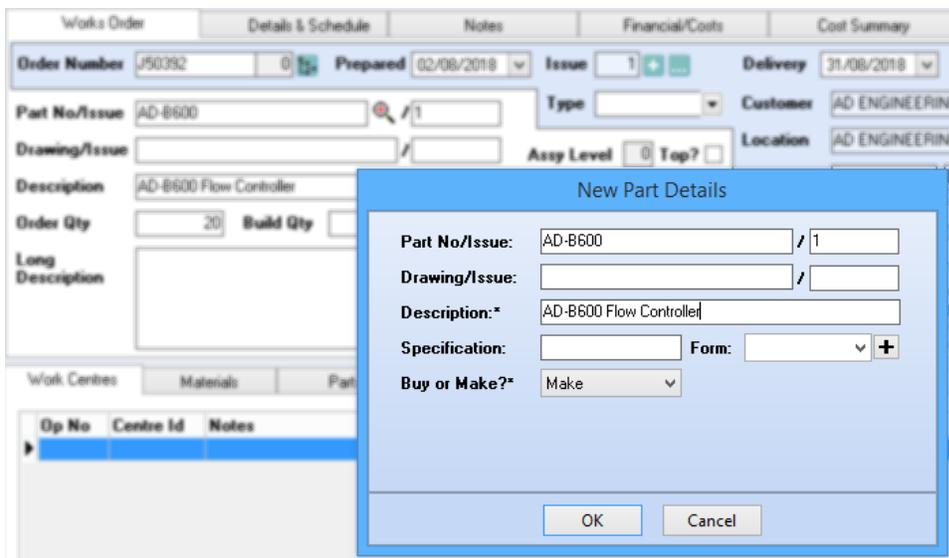
Fast Invoice from WO

This works the same as the Fast Despatch feature described above. Single batches, all batches for the current WO or all flagged batches for the Customer Order can be automatically added to a new Invoice.

Other WO changes

Tricorn recommends that Parts are created for all WOs raised which gives you many benefits including retaining stock for future sales; linking the parts to Templates (for fast WO creation) and defaulting selling prices etc.

Where you have works orders without a part no you can now create one via the *Create Part Record* option on the [Actions] menu. This shows the *New Part* dialog with entries defaulted from the current WO:



If a part already exists the software will link the WO to the existing record.

Also on the W/O we made new data available to the Job Card for printing summary information after the job completes e.g. the start & finish dates of operations and the operators who worked on the ops:

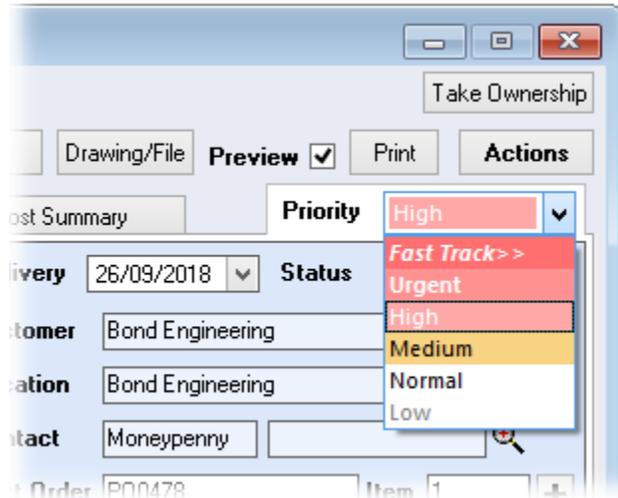
Operators who worked on this job:	Total Hrs:
Frank Peterson	1.67
Gayle	206.87
Mike H	1.08
	209.62

Priority

We've added a new field to the WO to indicate job priority, which is presented as a drop down list as shown here.

Job Priority can be seen **and set** on the WO search – right click on the priority cell to set it. The priority can also be printed on the Job Card.

A new version of SFDC-e is also available which can run detached from the Scheduler/Planning Board i.e. you don't need one of these products to use it. In this case jobs are sequenced in Priority order.



TIP

If a *FAST TRACK* order is created and set as *Issued* it will immediately appear in SFDC before being scheduled. This is useful to get last-minute urgent jobs worked on without having to wait for them to go through planning.

A priority column has also been added to the Order Book Overview widget in the dashboard, allowing jobs to be sorted in priority order:

W/O	Priority	Customer	Cust Ord	Part / Description	Qty	Value	Delivery	Materials	Parts	OP 1	OP 2	OP 3
J50402 / 0	Fast Track	ABC Aerospace, Ltd.		NQ / 1 NQ	101	£4,444.00	28/09/2018	Waiting...		LATHJ 7h10m	BENCH 11h25m	SUB CON
TJ00029RW / 0	Urgent	Chaos Manufacturing		REWORK REWORK: Drive	5	£0.00	17/04/2018	Received		STORES 100%	MILLG 7h10m 0%	SUB CON 100%
TJ00029RW1 / 0	High	Chaos Manufacturing		REWORK REWORK: Drive	5	£0.00	17/04/2018			BENCH 3h25m 117%	SUB CON 100%	0%
J50403 / 0	High	Bond Engineering	PO0478	B1 / 1 B1	10	£0.00	26/09/2018		Not Ordered			
J0007077RB7 / 0	High	AD ENGINEERING		MMA-761 / 5 MMA-761	20	£1,900.00	29/08/2018		Not Ordered	BENCH 105h 103%	SUB CON 29d	
J50396RW / 0	High	Burns Industries		REWORK / W/O REWORK:	1	£0.00	14/09/2018			BENCH 25m		
J50399 / 0	Medium	ABC Aerospace, Ltd.		WPE (amended) / 1 WPE	10	£400.00	28/09/2018					
J50400 / 0	Medium	ABC Aerospace, Ltd.		WPE / 1 WPE	10	£400.00	28/09/2018			ASSEMBLY 16h		
J00050354R3 / 0	Medium	AD ENGINEERING		MMA-761 / 5 MMA-761	40	£3,800.00	29/08/2018		Not Ordered			
J50396 / 0	Normal	Burns Industries		MMA-761 / FIRST MMA-761	25	£2,375.00	28/09/2018	Not Ordered	Waiting...			
J50396RB / 0	Normal	Burns Industries		MMA-761 / FIRST	25	£2,375.00	14/09/2018					

WO Search

As well as the [Priority](#), the schedule date can be set from within the WO search, so you can see the open jobs, sort them by schedule date and re-arrange them. There are options to manually enter a date or quickly *Set to Today* to make a priority job. Delivery dates can also be changed in the same way.

We think this will be really useful for our users with demanding customers who make regular changes to their required dates – these changes can now be made and reviewed in one screen.

Confirmed	Schedule Date	Delivery	Location
med	09/10/2018	10/10/2018	MAIN-1
med	09/10/2018	14/09/2018	
med	28/09/2018	26/09/2018	
med	27/09/2018	29/08/2018	
med	27/09/2018	18/04/2018	
med	27/09/2018	26/10/2018	ASSEMBLY
med	14/09/2018	28/06/2018	ABC
med			
med		19/10/2018	
med			
med		04/10/2018	
med		04/10/2018	

Change Schedule Date

Set To Today

Inspection Types and Rights

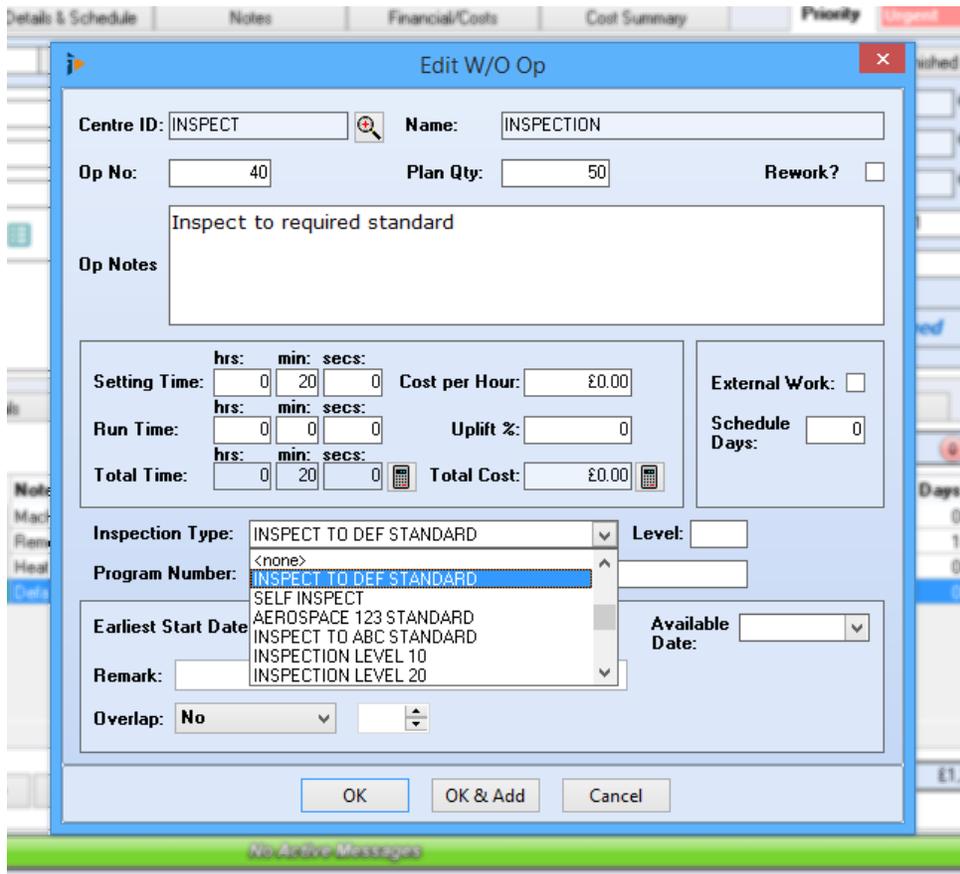
The system now allows you to define Inspection Types to be used on particular W/O Ops, allowing you to provide additional info on the job card etc.



Sequence	Name	Active	Internal Ops	Subcon Ops	Description
1	SELF INSPECT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Inspect that goods are completed as per spec
2	AEROSPACE 123 STANDARD	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Inspect as per Aerospace 123
3	INSPECT TO ABC STANDARD	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Inspect as per ABC Standard!
4	INSPECT TO DEF STANDARD	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Inspect as per DEF Standard yay
5	NEW INSP TYPE WITH LOTS OF	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
6	TEST THIS NEW ONE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7	INSPECTION LEVEL 10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
8	INSPECTION LEVEL 20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

In addition, employees can be granted/denied rights to perform these inspections. This is handled in [SFDC-e](#) with the following benefits:

- Inform the operator of the Inspection Type required
- Allow/deny op completion based on rights
- Record qty inspected/accepted
- Allow jobs to be paused (inc deny clock on of later ops) until ops have been inspected



Centre ID: INSPECT **Name:** INSPECTION

Op No: 40 **Plan Qty:** 50 **Rework?**

Op Notes: Inspect to required standard

Setting Time: hrs: 0 min: 20 secs: 0 **Cost per Hour:** £0.00 **External Work:**

Run Time: hrs: 0 min: 0 secs: 0 **Uplift %:** 0 **Schedule Days:** 0

Total Time: hrs: 0 min: 20 secs: 0 **Total Cost:** £0.00

Inspection Type: INSPECT TO DEF STANDARD **Level:**

Program Number: <none>

Earliest Start Date:

Remark:

Overlap: No

Available Date:

Buttons: OK, OK & Add, Cancel

Rework Handling

Our customers have many different methods for handling Rework in TRICORN:Production and with version 8.1 we've created some simple, streamlined processes to help.

Simple Mid-Job Rework

Where a reworkable non-conformance is found during production, it is sometimes possible to correct the issue with some rework and continue the production run. For example, in this job we've completed the first STORES op and 8 of the 2nd op but found a problem so work has stopped:

Op No	Centre Id	Notes	Finished Qty	Qty comp	% complete	Est Hrs	Actual Hrs	% Time	External?	Days Prog
10	STORES	CHECK MATERIAL AND ISSUE	Yes	20	100%	0.000	0.75	>>>		0
20	MILLG	Machine to drawing	WIP	8	40%	7.167	5.75	80%		0
30	SUB CON	Heat Treat	No	0	0%	0.000	0.00	0%	Yes	0
40	INSPECT	Default Inspection notes INSPE	No	0	0%	0.333	0.00	0%		0

The inspector/engineer assess the problem and decide that some BENCH work prior to the SUB CON op can resolve it. They right-click on the SUB CON op and choose *Insert Rework Op* from the popup menu. This inserts an op 25 as follows:

The 'Edit W/O Op' dialog box contains the following fields:

- Centre ID: BENCH
- Name: BENCH WORK
- Op No: 25
- Plan Qty: 8
- Rework?
- Op Notes: REMOVE ALL BURRS AND SHARP EDGES.
- Setting Time: 0 hrs, 5 min, 0 secs
- Run Time: 0 hrs, 5 min, 0 secs
- Total Time: 0 hrs, 45 min, 0 secs
- Cost per Hour: £23.00
- Total Cost: £17.25
- External Work:
- Schedule Days: 1
- Inspection Level: 2
- Program Number: (empty)
- Earliest Start Date: (dropdown)
- Missing Material:
- Available Date: (dropdown)
- Remark: (text area)
- Overlap: No

As there are only 8 with a problem they set the Qty to 8. Note that the *Rework* checkbox is ticked. When the op is saved they can see the inserted op in the routing (multiple rework ops can be inserted if required):

Op No	Centre Id	Notes	Finished Qty	Qty comp	% complete	Est Hrs	Actual Hrs	% Time	External?	Days	Prog
10	STORES	CHECK MATERIAL AND ISSUE	Yes 20	20	100%	0.000	0.75	>>>		0	
20	MILLG	Machine to drawing	WIP 20	8	40%	7.167	5.75	80%		0	
25	RW BENCH	REMOVE ALL BURRS AND SH	No 8	0	0%	0.750	0.00	0%		1	
30	SUB CON	Heat Treat	No 20	0	0%	0.000	0.00	0%	Yes	0	
40	INSPECT	Default Inspection notes INSPE	No 20	0	0%	0.333	0.00	0%		0	

Op 25 is flagged RW for rework and the 8 affected parts will be corrected before the SUB CON op. The problem on MILLG will be corrected before the remaining 12 are completed.

Of course the additional rework has an effect on the actual cost of the job. This is shown in the Cost Summary:

Here we see that an additional £17.25 has been added against *Rework*. The number is faded to indicate that the amount isn't included in the total below. The amount isn't included in the *planned* op cost either because *Rework* isn't *planned*.

COSTS		PLANNED	ACTUALS	VARIANCE
Ops	Inc Actuals	£250.83	£231.25	-£19.58
		8h15m	6h30m	-1h45m
Materials		£380.00	£380.00	£0.00
Parts		£0.00	£0.00	£0.00
Subcontract		£200.00	£0.00	-£200.00
Tooling		£0.00	£0.00	£0.00
Rework RW		£17.25	£0.00	-£17.25
Total Cost		£830.83	£611.25	-£219.58
Unit Cost		£41.54	£30.56	-£10.98

COSTS		PLANNED	ACTUALS	VARIANCE
Ops	Inc Actuals	£250.83	£254.25	£3.42
		8h15m	7h30m	-45m
Materials		£380.00	£380.00	£0.00
Parts		£0.00	£0.00	£0.00
Subcontract		£200.00	£0.00	-£200.00
Tooling		£0.00	£0.00	£0.00
Rework RW		£17.25	£23.00	£5.75
Total Cost		£830.83	£634.25	-£196.58
Unit Cost		£41.54	£31.71	-£9.83

Once the rework op is complete, the rework labour cost appears in the *actual* Op Cost column, so it will have an effect on the profit of the job. In this case the rework took slightly longer than estimated.

Further details can be gained from the Cost Summary Grid at the end of the job:

BUILD COSTS & VARIANCE				
TYPE	PLANNED	ACTUAL	(REWORK)	VARIANCE
Work Centres	£250.83	£300.92	£23.00	£50.08
Materials	£380.00	£380.00	£0.00	£0.00
Parts	£0.00	£0.00	£0.00	£0.00
Subcontract	£200.00	£200.00	£0.00	£0.00
Tooling	£0.00	£0.00	£0.00	£0.00
TOTAL BUILD COST	£830.83	£880.92	£23.00	£50.08
UNIT COST	£41.54	£44.05	£1.15	£2.50

Rework Order

If a job requires more major rework, or you prefer to keep Rework on separate orders this can be achieved as follows. In this example we've completed the first 3 ops but found a problem when inspecting before the SUB CON op:

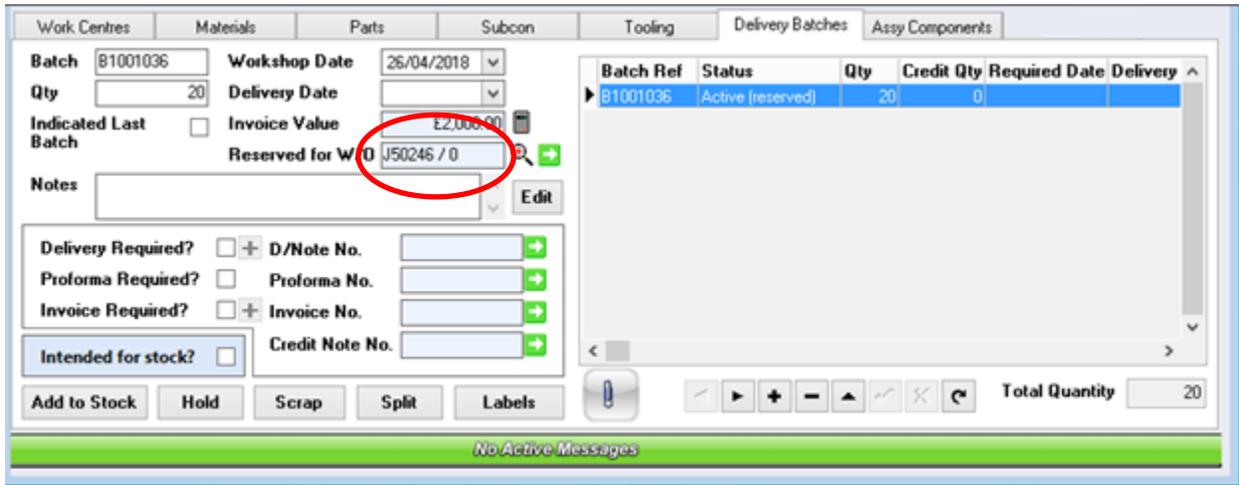
Op No	Centre Id	Notes	Finished	Qty	Qty comp	% complete	Est Hrs	Actual Hrs	% Time	External?	Days	Prog
10	STORES	CHECK MATERIAL AND ISSUE	Yes	20	20	100%	0.417	0.42	100%			0
20	MILL1	Machine to drawing	Yes	20	20	100%	7.167	8.83	123%			0
30	DRILL	Drill holes as per drawing	Yes	20	20	100%	3.583	3.67	102%			0
40	INSPECT	Check before SUBCON	WIP	20	0	0%	0.417	0.75	180% >>>			0
50	SUB CON	Cadmium Plate.	No	20	0	0%	0.000	0.00	0%	Yes		0
60	INSPECT	Final Inspection	No	20	0	0%	2.000	0.00	0%			0

We will create a rework WO to correct the problem. Choosing *Create Rework WO* from the *Actions* menu prompts for the Qty (20) and then generates the order. We can add ops and other items (additional materials, subcontract etc) as required:

Op No	Centre Id	Notes	Finished	Qty	Qty comp	% complete	Est Hrs	Actual Hrs	% Time	External?	Days	Prog
10	BENCH	Smooth edges	No	20	0	0%	3.417	0.00	0%			1
20	SUB CON	ELECTROPOLISH	No	20	0	0%	0.000	0.00	0%	Yes		0

Note that the Order Number takes the original WO number (J50246) and adds a *RW* suffix. TRICORN:Production knows this is a rework order and changes the caption of the main *Works Order* tab to *Rework Order*, as well as showing *Rework* and *RW* indicators elsewhere on the form.

The *Delivery Batches* tab shows that the output of this order is reserved to fulfil the rework requirement of the original order (J50246):



As work is completed on the rework order the costs are accumulated as Rework. These costs are broken down on the Cost Summary tab on the rework order (J50246RW), and also summarised on the original J50246 order:

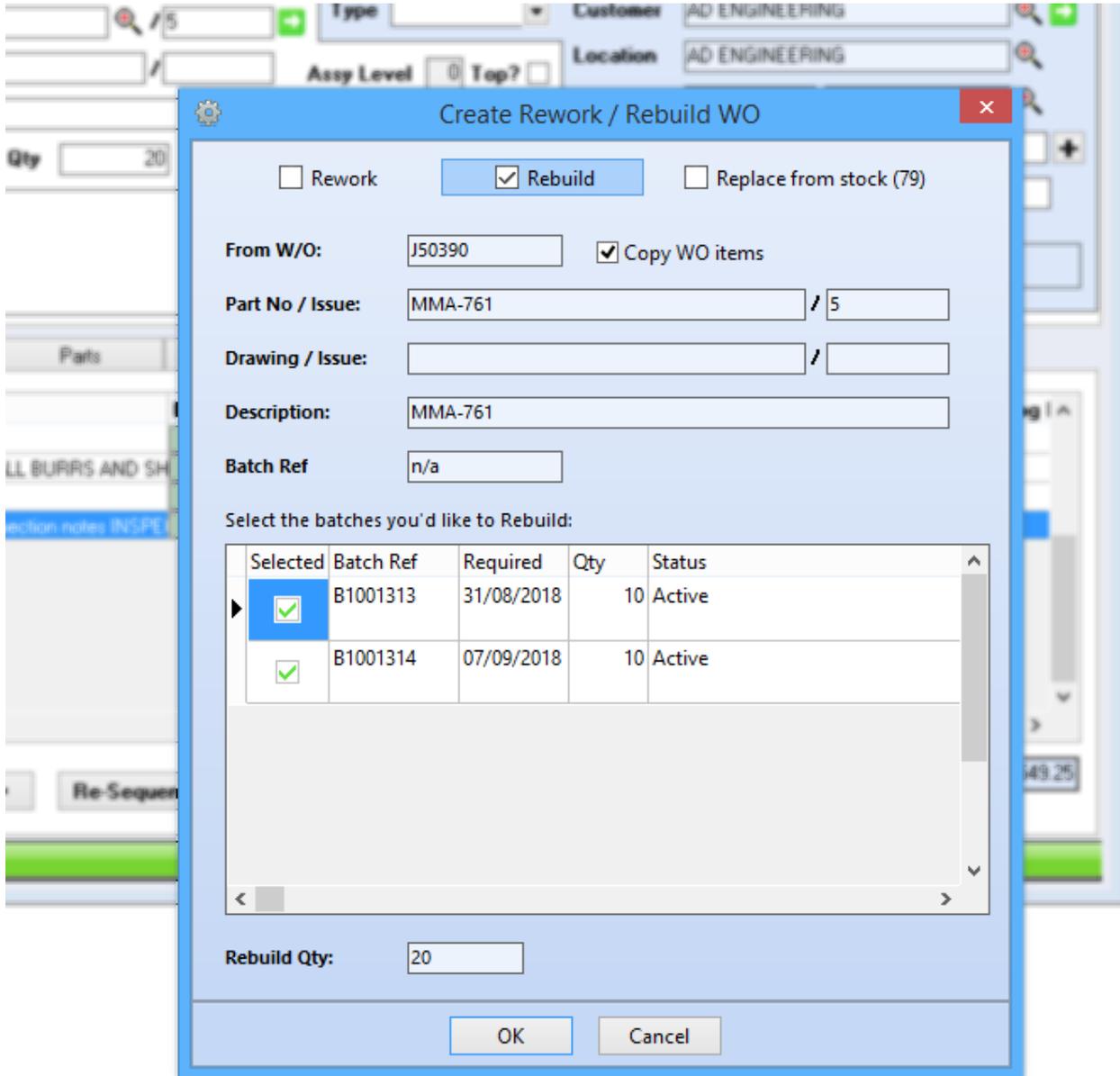
Works Order		Details & Schedule		Notes	Financial/Costs	Cost Summary		
Order No. J50246		0		Description MMA-761 Flow controller	Customer ABC Aerospace, Ltd.			
COSTS		PLANNED	ACTUALS	VARIANCE	Order Qty 20	Build Qty 20	Status Unfinished	
Ops	Inc Actuals	£303.33	£462.00	£158.67				
		17h	21h	4h				
Materials		£380.00	£380.00	£0.00				
Parts		£0.00	£0.00	£0.00				
Subcontract		£120.00	£320.00	£200.00				
Tooling		£0.00	£0.00	£0.00				
Rework	RW	£278.58	£292.00	£13.42				
Total Cost		£803.33	£1,162.00	£358.67				
Unit Cost		£40.17	£58.10	£17.93				
					PRICE & PROFIT	VALUE	MARKUP %	MARGIN %
					SALES VALUE	£2,000.00		
					EXPECTED PROFIT	£1,196.67	148.96%	59.83%
					ACTUAL PROFIT	£838.00	72.11%	41.90%
					VARIANCE	£-358.67	-76.85%	-17.93%

The above shows that £292 of extra *Rework* cost was added to this order, which came from additional labour and a subcontract process on the J50246RW.

Once the Rework is complete, the job can be despatched from the original WO and include any traceability as required.

Rebuild Order

If a job fails at final inspection and cannot be corrected with Rework you can opt to Rebuild the order. Where there are multiple delivery batches they are shown on the *Create Rework / Rebuild WO* dialog where they can be selected:



Create Rework / Rebuild WO

Rework
 Rebuild
 Replace from stock (79)

From W/O: J50390 Copy WO items

Part No / Issue: MMA-761 / 5

Drawing / Issue: /

Description: MMA-761

Batch Ref: n/a

Select the batches you'd like to Rebuild:

Selected	Batch Ref	Required	Qty	Status
<input checked="" type="checkbox"/>	B1001313	31/08/2018	10	Active
<input checked="" type="checkbox"/>	B1001314	07/09/2018	10	Active

Rebuild Qty: 20

OK Cancel

Clicking [OK] creates the new *Rebuild WO* - a copy of the original using the same WO number with an RB suffix.

The WO form indicates that it is a rebuild and shows the original WO being rebuilt:

The Delivery Batches tab shows the original batches duplicated and their *Status* shows the batches they are rebuilding. You can zoom to/from the original batch too.

Batch Ref	Status	Qty	Credit Qty	Req
B1001315	Active: Rebuilding B1001314 (J50390 / 0)	10	0	
B1001316	Active: Rebuilding B1001313 (J50390 / 0)	10	0	

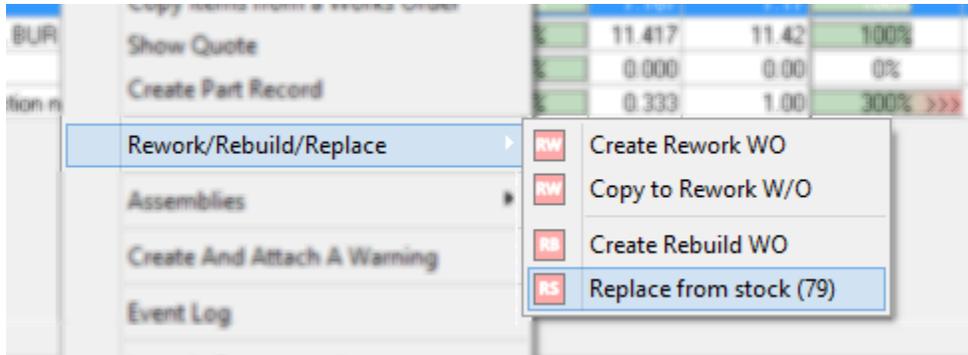
Looking at the original WO will show that the original batches have been scrapped, and are being rebuilt.

Batch Ref	Status	Qty	Credit Qty	Req
B1001313	Scrapped: Rebuild 10 on B1001316 (J50390RB / 0)	10	0	31/0
B1001314	Scrapped: Rebuild 10 on B1001315 (J50390RB / 0)	10	0	07/0

When the rebuild is complete the goods are delivered from the rebuild order. This way it only includes the Rebuild trace info. The costs of the Rebuild are still accumulated to the original job so you can see the effect on profit.

Replace from stock

If you have stock of the item you need to replace you can use that instead of rework/rebuilding. The popup menu indicates if there is stock available:

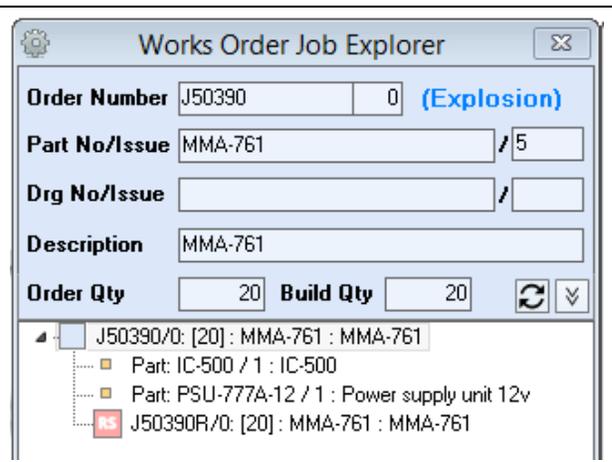


Choosing this option will create a *Replace From Stock* WO. This includes the part on the [Parts] tab so it can be sourced from stock and delivered. There is an option to supply the replacement free of charge.

Production Plus feature:

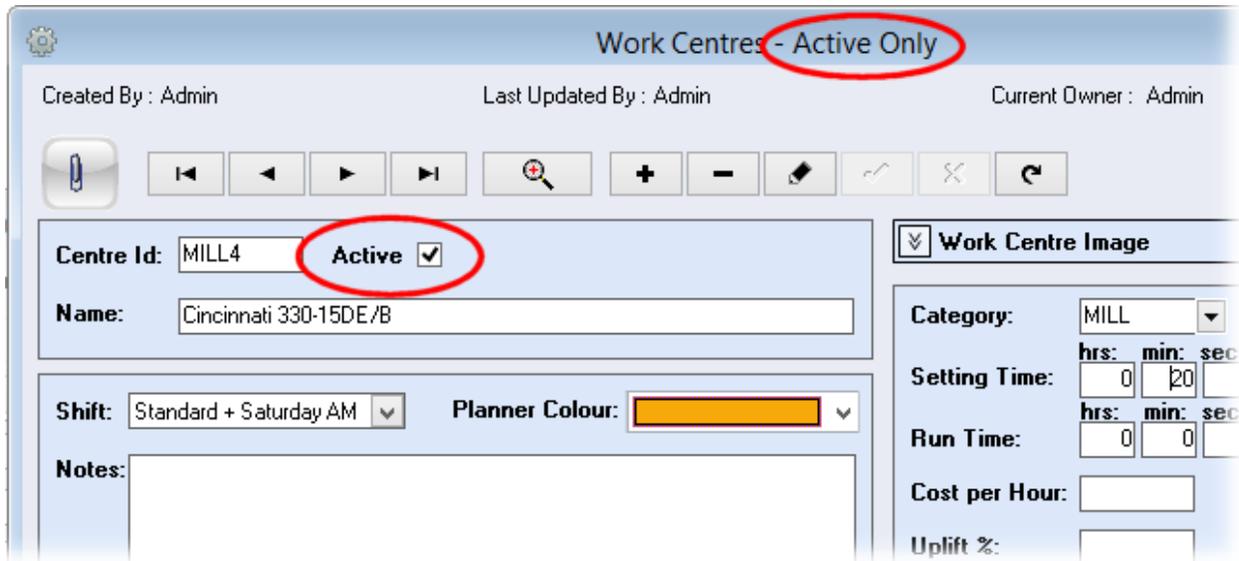
If you have TRICORN:Production Plus you'll be familiar with the Job Explorer which shows the breakdown of assembly WOs, component parts and batches reserved from other orders.

When Rework, Rebuild or Replacement WOs are generated these are added to the Job Explorer as shown, aiding visibility and navigation.



Work Centres

We made a few changes to Work Centres as follows:



Work Centres - Active Only

Created By : Admin Last Updated By : Admin Current Owner : Admin

Centre Id: MILL4 **Active**

Name: Cincinnati 330-15DE/B

Shift: Standard + Saturday AM Planner Colour:

Notes:

Work Centre Image

Category: MILL

Setting Time: hrs: 0 min: 20 sec: 0

Run Time: hrs: 0 min: 0 sec: 0

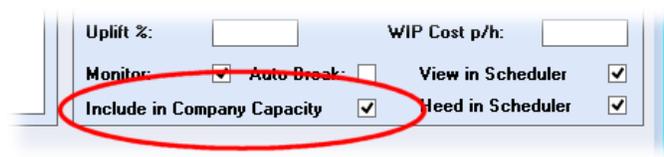
Cost per Hour:

Uplift %:

Work Centres can now be deactivated by clicking the Active button. Deactivated WCs will still exist in the database but will not be available to select when setting up quotes and WOs.

Deactivated WCs can be located later by changing the *Include Active Work Centres Only* checkbox in the Work Centre Search. Additionally, when searching the software now remembers your search settings e.g. search by ID or Name, and applies the sort sequence to the next/previous buttons.

We also added a new checkbox on the Work Centre form to identify whether the WC should be factored into the overall Company Capacity calculation. See the new [Capacity Planning](#) feature.



Uplift %: WIP Cost p/h:

Monitor: Auto Break: View in Scheduler:

Include in Company Capacity Need in Scheduler:

Part Version History

Version History

This new feature makes browsing & up-issuing Parts a simple task. The Part master form now shows a new tab showing version history:

Issue	Date Created	Description	Stock
A	25/04/2018	AD-508-BL Control Unit (black)	12
B	25/04/2018	AD-508-BL Control Unit (black)	0

The *Versions* tab shows that there are 2 versions of this part, and they are listed in the grid below. The current version (B) is highlighted to make it clear.

Up-Issue

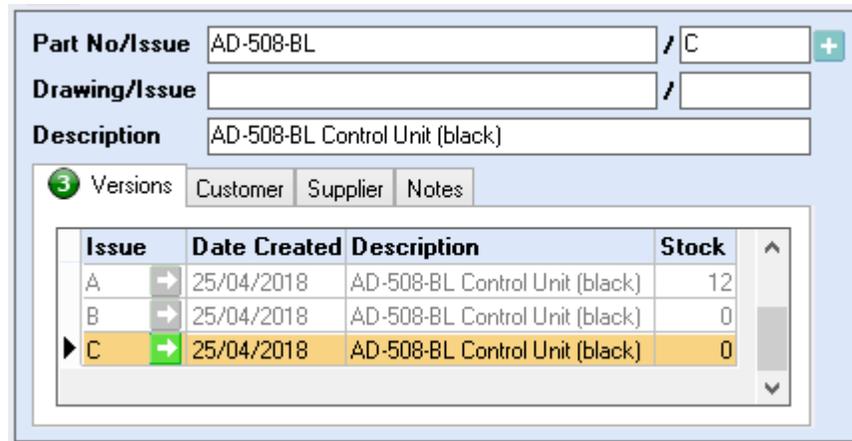
If we need to up-issue this part we can click the [+] button next to the Part Issue field. This shows the Copy/Up-Issue dialog and increments the Issue No (to C) as shown. The drawing/description/issue no can be tweaked as required.

There are 3 checkboxes shown with options as follows:

Option	Description
Deactivate old version?	Unchecks the <i>Active</i> flag on the previous release. This will remove it from searches e.g. when adding a new WO for the part, to help avoid raising orders for the wrong revision.
Replace old revision part when USED on Templates?	Update existing build Templates where this part appears on the <i>Parts</i> tab, and replace the previous revision with the current one.
Replace old revision part when MADE on Templates?	Update existing build Templates that build this part, to make them build the new revision.

Clicking [OK] will copy the existing part to the new version and apply the selected options. Here we can see the part is now on Issue C. Note that the text is faded on the A & B versions to indicate that they have been de-activated.

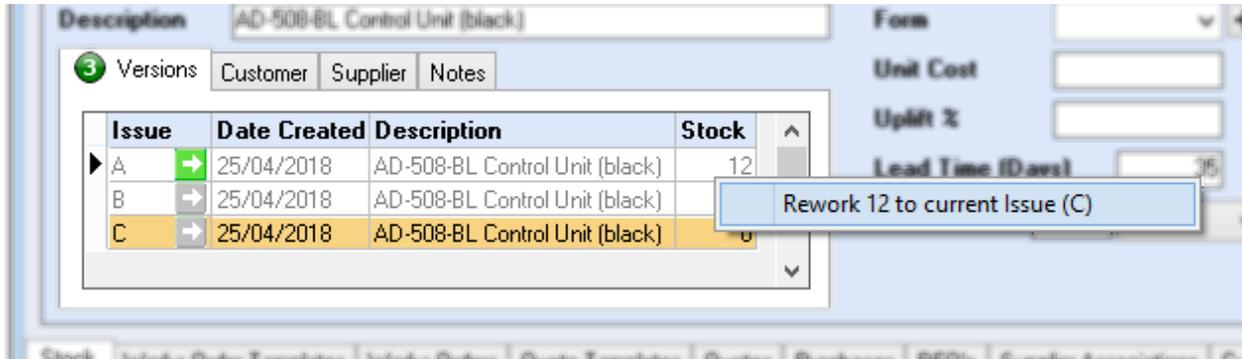
Clicking the Zoom arrow on each Issue will take you to that record to get more info.



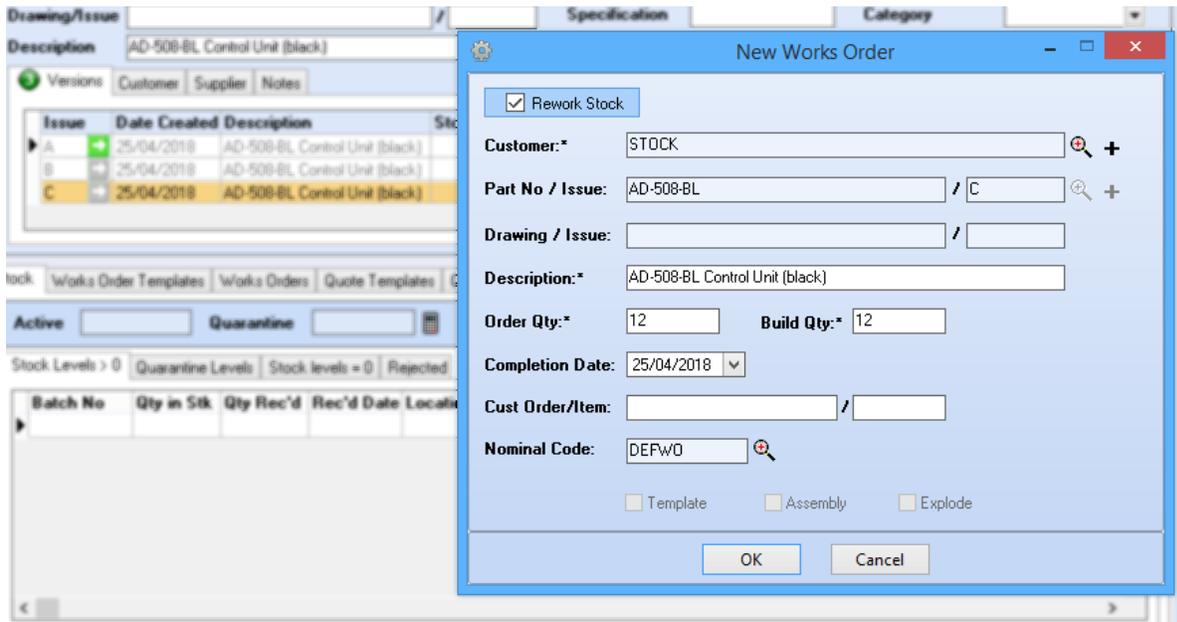
Part No/Issue	AD-508-BL / C		
Drawing/Issue			
Description	AD-508-BL Control Unit (black)		
3 Versions Customer Supplier Notes			
Issue	Date Created	Description	Stock
A	25/04/2018	AD-508-BL Control Unit (black)	12
B	25/04/2018	AD-508-BL Control Unit (black)	0
C	25/04/2018	AD-508-BL Control Unit (black)	0

Rework Stock to Latest Issue

In the version list here we can see that we currently have 12 of Issue A in stock. In the case that we want to up-issue the stock to the current issue we can right-click on the stock and choose the *Rework* option:



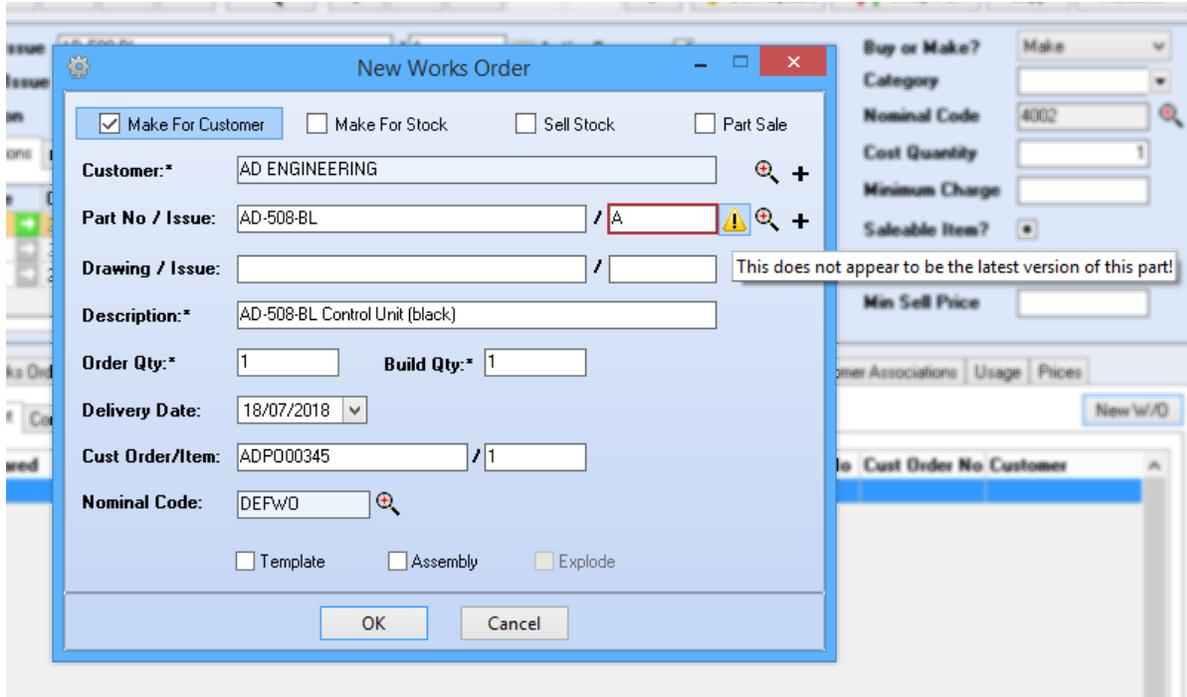
The *New Works Order* dialog is shown to create a *Rework Stock* order:



The resulting WO will be to create the Part at the current issue, using the lower-issue part. Ops can be added to record any work involved and finally the Part can be added to stock at the current issue.

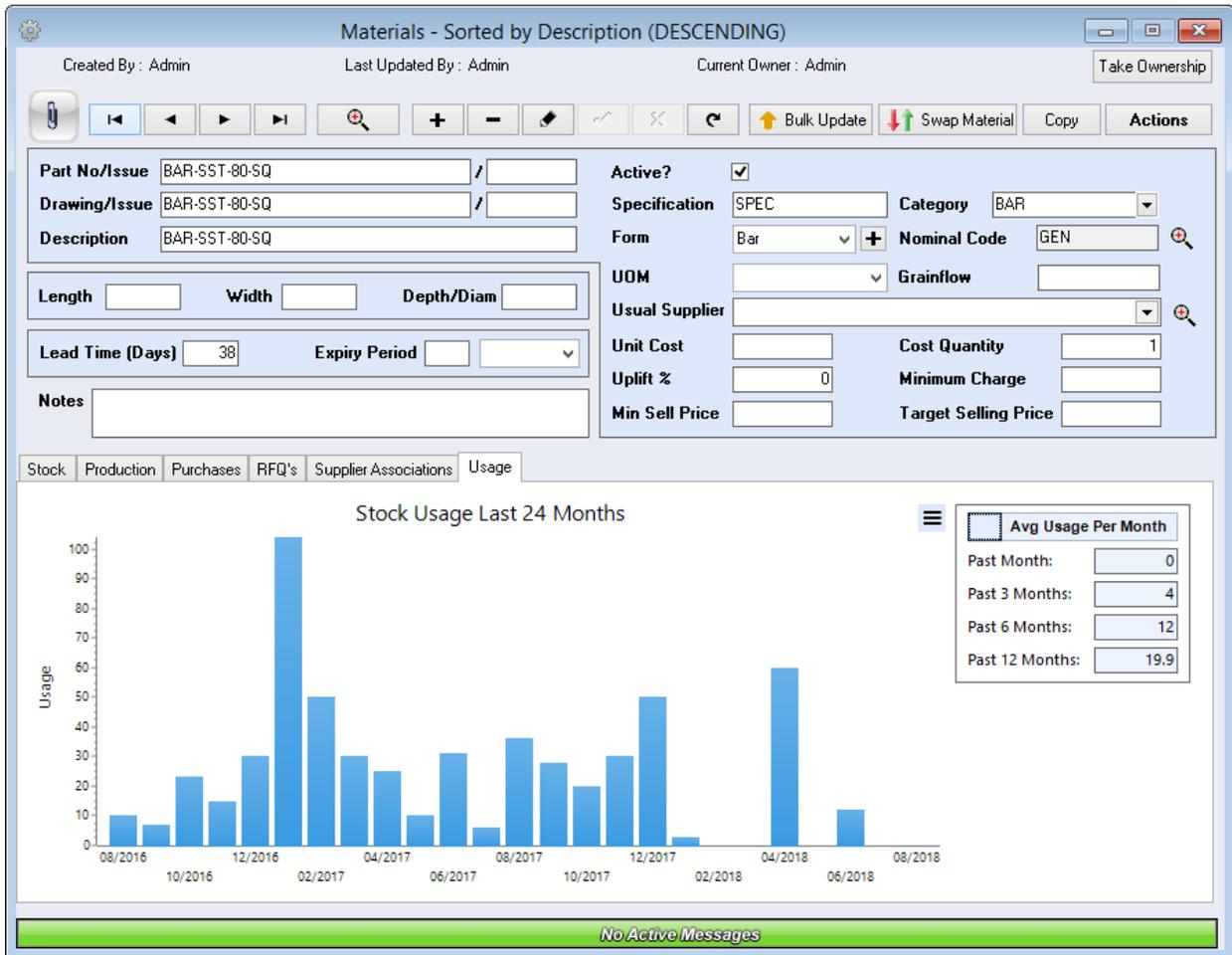
Version Warning

When raising Works Orders and selecting a part the software will attempt to work out if you're manufacturing to the latest issue. If not, the Part Issue is highlighted and a warning is shown:



Usage History

TRICORN:Production keeps a record of stock usage when items are sourced to works orders via purchasing or stock. In 8.1 we've added tabs to Parts, Materials, Subcontract and PO Assistant screens to show a summary of usage:

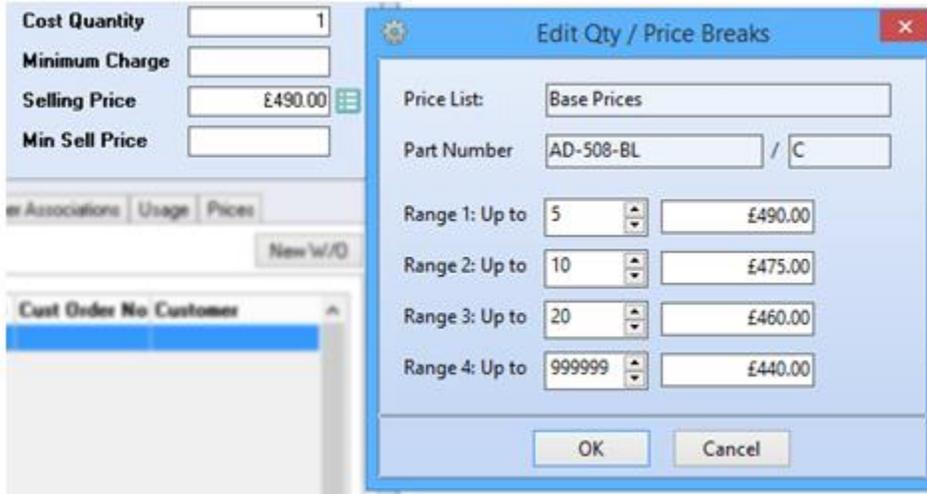


As well as the chart you can see an average usage per month for the most recent and past 3, 6 and 12 months. You can also flip the slider to see total usage for those periods.

We hope that this information will prove useful for planning/buying as well as information to tell suppliers when negotiating better prices.

Part Selling Price Breaks

As well as a base selling price, you can now enter price breaks against a part. Clicking the button next to the *Selling Price* shows the Qty/Price Breaks dialog:

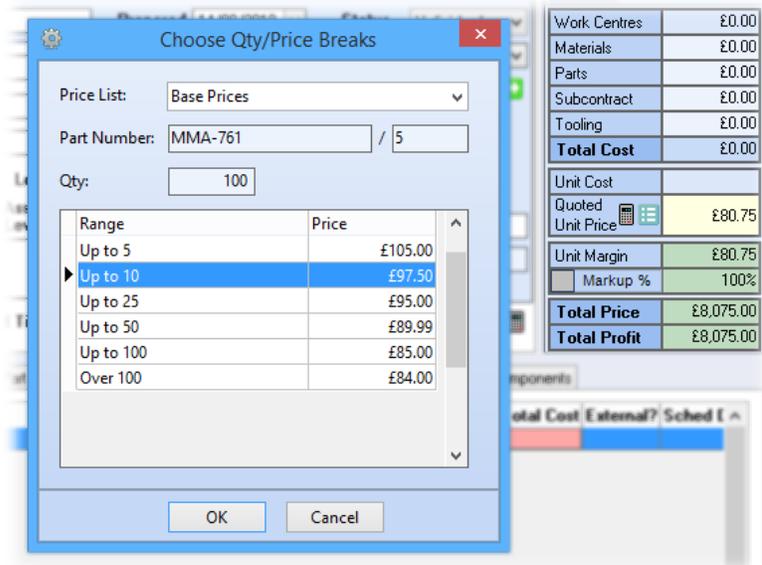


Range	Up to	Price
Range 1	5	£490.00
Range 2	10	£475.00
Range 3	20	£460.00
Range 4	999999	£440.00

This allows multiple (up to 8) qty bands to be set up with different prices.

When raising a new *Sell From Stock* or *Counter Sales* order for the part, the software looks up the appropriate price and applies it to the new order. An option in setup also enables the software to lookup prices for new Production WOs and quotes too.

New buttons on the quote & WO forms allow you to select prices from the new qty/price breaks dialog.



Range	Price
Up to 5	£105.00
Up to 10	£97.50
Up to 25	£95.00
Up to 50	£89.99
Up to 100	£85.00
Over 100	£84.00

Work Centres	£0.00
Materials	£0.00
Parts	£0.00
Subcontract	£0.00
Tooling	£0.00
Total Cost	£0.00
Unit Cost	
Quoted Unit Price	£80.75
Unit Margin	£80.75
Markup %	100%
Total Price	£8,075.00
Total Profit	£8,075.00

Capacity Planning

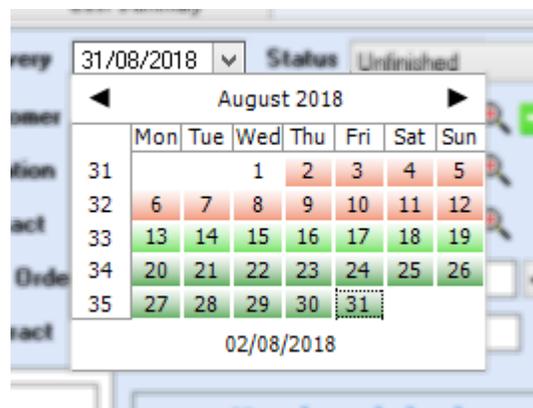
If you use the TRICORN:Scheduler or TRICORN:Planning Board products you're able to plan your workload for each work centre and generate reports inc Work-To lists, as well as powering the work queue in [SFDC-e](#).

We've developed a new Capacity Planning process for TRICORN:Production 8.1 which, when combined with the TRICORN:Dashboard, analyses the planned tasks in line with potential capacity, allowing us to visualise the data in new ways as below:



Among other things, we can see an overall company load %age, loads for particular work centres as well as jobs going through the workshop in the coming weeks. This gives all key users access to capacity information without needing to run the scheduling software itself (assuming they run the TRICORN:Dashboard).

We also make use of the analysed capacity data in other areas of the system, including on the date pickers on the Quote and WO screens where we highlight busier weeks as shown here.



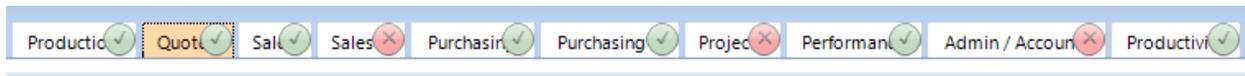
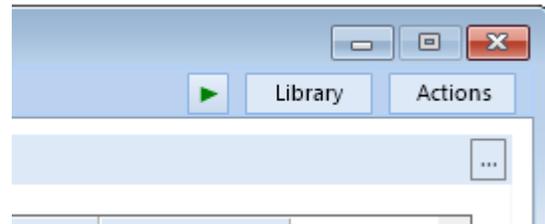
Dashboard Enhancements

Standalone mode

The TRICORN:Dashboard has been a popular add-on since its release last year. Many users are getting a lot of benefit from its ability to help analyse data as well as provide alerts/reminders on things that need doing. Many of our customers have asked if they can display the dashboard on large screens at their premises, e.g. in the office and/or shop-floor areas. This is of course possible but as the dashboard runs within TRICORN:Production it uses a licence – **but not anymore**. We've made changes to the licence system to allow you to run TRICORN:Dashboard instances without paying for a full TRICORN:Production licence – i.e. if you have the dashboard and you'd like to add another one to view on the shop-floor it'll cost **just £295**.

When running in standalone mode you now have access to a new feature. If you have multiple dashboard pages and want to show them on the shop-floor they can now be cycled as follows:

Select *Auto Page Mode* from the *Actions* menu. Click the green *Play* button to cycle through your dashboard pages automatically. Right clicking the Play button allows you to set the interval at which the pages change and you can also easily select which pages to include:

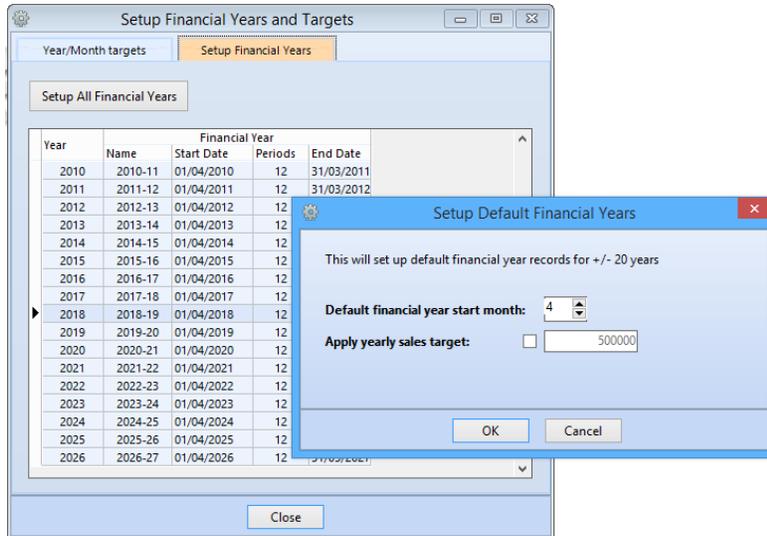


Other dashboard changes since its initial release include:

- Chart *marks* can be shown as *hints* that popup when you hover the mouse over a bar/slice
- User editing of colour ranges
- Date pickers can update date ranges on *child* widgets
- New *Field chooser* for hiding unwanted grid columns
- Grids can now display Rich Text data

Financial Years and Targets

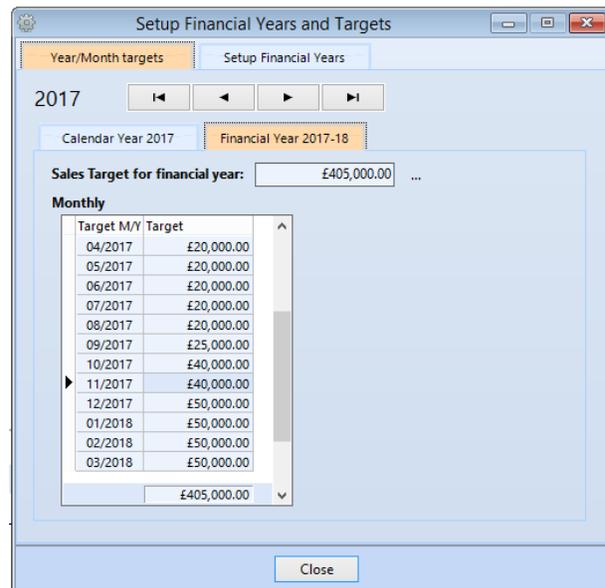
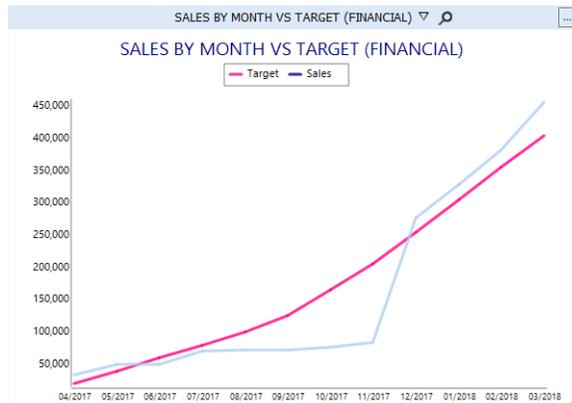
Many of our dashboard widgets now allow you to view information based on the financial year, and as this varies between companies we've developed a feature to allow you to set these up.



A one-off task prompts you to enter the month in which your financial year starts, and it will then set up records for you well into the future. These records are then used by dashboard content to group figures (e.g. Sales values) by financial year.

Note that the dialog box also prompts for a *Yearly Sales Target*. If entered, the software will record this information and also set up monthly & weekly targets based on it.

You can override/enter the monthly/weekly targets manually if required, and if you're happy with them you can copy to other years too. These figures can then be used by the dashboard:



New Widgets

We've made various new widgets available in the TRICORN library in this release. These include:

Bookings

Bookings This Month ▾

September

£73,800

The Bookings widget shows the value of Bookings (new orders taken) this month. Other options include YTD and Financial YTD. You can also create a 2nd widget to show last month's total for side-by-side comparison.

Billings

Billings This Month ▾

September

£18,450

This Data Panel shows the value of invoices raised this month. Other options include YTD and Financial YTD. You can also create a 2nd widget to show last month's total for side-by-side comparison.

Backlog

Backlog This Month ▾

September

£55,350

Another Data Panel widget to show the value of outstanding deliveries this month. You can also view the overdue backlog (previous months) and total backlog.

Customer Planned vs Actual Labour

Customer Planned vs Actual Labour Cost within the past 2 years ▾

Customer Planned vs Actual Labour Cost within the past 2 years

Customer	Planned	Actual
Smith Engineering	~1,000	~1,000
P&J Enterprises	~1,000	~1,000
Jones Engineering	~1,000	~1,000
Fine Gearboxes Ltd	~1,000	~1,000
Coffee CNC	~1,000	~1,000
Chimy Engineering	~1,000	~1,000
Burns Industries	~1,000	~1,000
AD ENGINEERING	~1,000	~1,000
ABC Aerospace Ltd	~15,000	~25,000

A chart to highlight differences in planned vs actual labour time for your top customers during a specified period. A way of helping you to determine if certain customer jobs are potentially more work/less profitable than hoped.

Scheduled Ops Yet To Start

Customer	W/O	Description	Op W/Centre	Notes	Planned Start	Op Hrs	Impact	H
Coflex CNC	01610	MSCM-C	5 BENCH	REMOVE ALL BURR.	04/09/2018 11:47:34	0.12		
Andersons	01745	WHEEL HUB	10 CentreG		04/09/2018 11:47:34	1		
ABC Aerospace, Ltd.	01817	POEC	10 CLEANING		04/09/2018 11:47:34	1		
JP	01771	KAMA-761	10 BENCH		04/09/2018 11:47:34	33.67		
ABC Aerospace, Ltd.	01986	ABC	10 BULK		04/09/2018 11:47:34	1.25		
Chaos Manufacturing	A01521	Shaft	10 DEGREASE def		04/09/2018 11:47:34	0		
Coflex CNC	01760	KAMA-761	10 CLEANING		04/09/2018 11:47:34	0		
PAJ Enterprises	01765	ST-10 BRACE BAR	10 SAW		04/09/2018 11:47:34	1.33		
ABC Aerospace, Ltd.	01660	SHAFT TURBINE	10 STORES	CHECK MATERIAL	04/09/2018 11:47:34	1.5		
JP	A01533	2x-123	20 TESTT	def	04/09/2018 11:47:34	2.00		
ABC Aerospace, Ltd.	01840	ST-10 Sack Truck	10 WELD		04/09/2018 11:47:34	0.92		
ABC Aerospace, Ltd.	01805	POEC	10 TESTOPS	REMOVE ALL BURR.	04/09/2018 11:47:34	0.12		
JP	01700	KAMA-761	10 FINISH		04/09/2018 11:47:34	0		
ABC Aerospace, Ltd.	01668	TYRE	20 CentreG		04/09/2018 11:47:34	0		

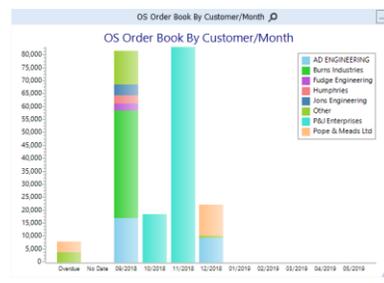
For those of you with our Scheduler or Planning Board products, this widget monitors the current plan and highlights any ops that were expected to start but haven't.

Outstanding Production Hours

W/O	Customer	Cost Cnd	Part / Description	Build Qty	Value	Delivery	Est Hrs	Est Hrs Booked	Act Hrs	Act Hrs Booked	Actual %	Hrs Remaining
00001	Fine Gearboxes Ltd.	000000	More Gears	30	60.00	01/05/2013	0	0	0	0	0%	0
00043	Fine Gearboxes Ltd.		More Gears	30	60.00	01/05/2013	0	0	0	0%	0	
00040	ABC Aerospace, Ltd.	ABC1711	GW16 / 1	100	11,800.00	06/05/2013	17.5	0	0	0%	17.5	
00043	ABC Aerospace, Ltd.	PO18076	GEAR WHEEL 16 TEETH	100	11,800.00	06/05/2013	17.5	4	14	80%	13.5	
00042	Fine Gearboxes Ltd.		gear / 1 / Rear Outer Housing	15	42,508.80	06/05/2013	6.5	0	6362%	90360%	3.5	
00046	ABC Aerospace, Ltd.	PO34616	GW16 / 1	250	444,129.82	06/05/2013	17.5	5.49	5.49	31%	12.01	
00053	Fine Gearboxes Ltd.	99999	More Gears	30	60.00	10/05/2013	0.58	0	0	0%	0.58	
00054	Fine Gearboxes Ltd.	hhh	More Gears	30	60.00	10/05/2013	0.58	0	0	0%	0.58	

A list of outstanding WOs with a total of Estimated, Actual and Outstanding production hours. A cell graph indicates overall job % progress.

OS Order Book by Customer/Month



A stacked chart to show the value of the outstanding order book for the coming months, grouped by customer.

Supplier Data Widget Collection

Supplier Name

Apollo Metals

<< Choose Supplier, Date Range & Del Perf criteria on the left, and this applies to the widgets below >>>

Total OS PO Value
£3,404

Total Overdue PO Value
£1,614

Overdue POs
9

PO Chase List

P/O	Type	Description	Qty Ord	Qty Recvd	Required	Days Mtd	Supplier	Tel	Con
P00343	Tool	another bit of toolin	1	0	04/09/2018	0	Apollo Metals	006 123 001	M.
P00363	Material	Sheet metal 3	6	0	04/09/2018	0	Apollo Metals	006 123 001	M.
P00363	Material	BAR-S51-100-RND	40	11	04/09/2018	0	Apollo Metals	006 123 001	M.
P00363	Material	BAR-S51-50-SQ	80	0	04/09/2018	0	Apollo Metals	006 123 001	M.
P00363	Part	BOLT A1	50	1	04/09/2018	0	Apollo Metals	006 123 001	M.

Purchase History

PO Delivery Status (Required)

P/O	Supplier	Specification	Description	First Promise	Required	Delivery Date	Status	Qty Ord
P00431	Apollo Metals	5x/58 316L	0.0625" Dia 5x/58 ASTM A276 3...	01/10/2017	01/10/2017	21/03/2018	late	5
P00431	Apollo Metals	P-778	Paint/TWO	21/03/2018	21/03/2018	21/03/2018	On-Time	10
P00431	Apollo Metals		Other tool	21/03/2018	21/03/2018	21/03/2018	On-Time	5
P00363	Apollo Metals		BOLT A1	20/07/2018	20/07/2018		On-Time	100

On-Time %
80.00

Del Perf (Required)

Total PO Value
£5,355

This collection of widgets shows various details related to a single supplier, which can all be refreshed by entering the supplier name in the *Supplier Name* widget.

The available data includes:

- OS and Overdue PO Value & qty
- PO Chase list
- Total PO Value (for date range)
- PO History by month/year
- PO Delivery Status details
- OTD % and Pie Chart

Other enhancements

Quotes

We added some new fields to the Quote database: *Enquiry Date, Issued Date & Accepted Date.*

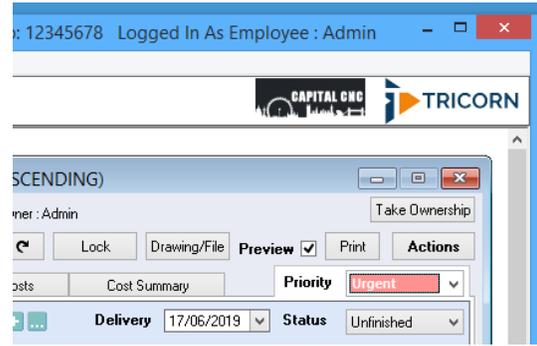
Enquiry Date	31/05/2019
Quote Prepared	04/06/2019 <i>4 days since enquiry</i>
Issued Date	05/06/2019 <i>5 days since enquiry</i>
Accepted Date	06/06/2019 <i>6 days since enquiry</i> <i>1 day after enquiry</i>

These fields were added to allow you to record and use this info to analyse the average time from enquiry to quote & enquiry-to-order etc.

The quote form shows the details for the selected quote, and new dashboard widgets will be available to analyse the average over time etc.

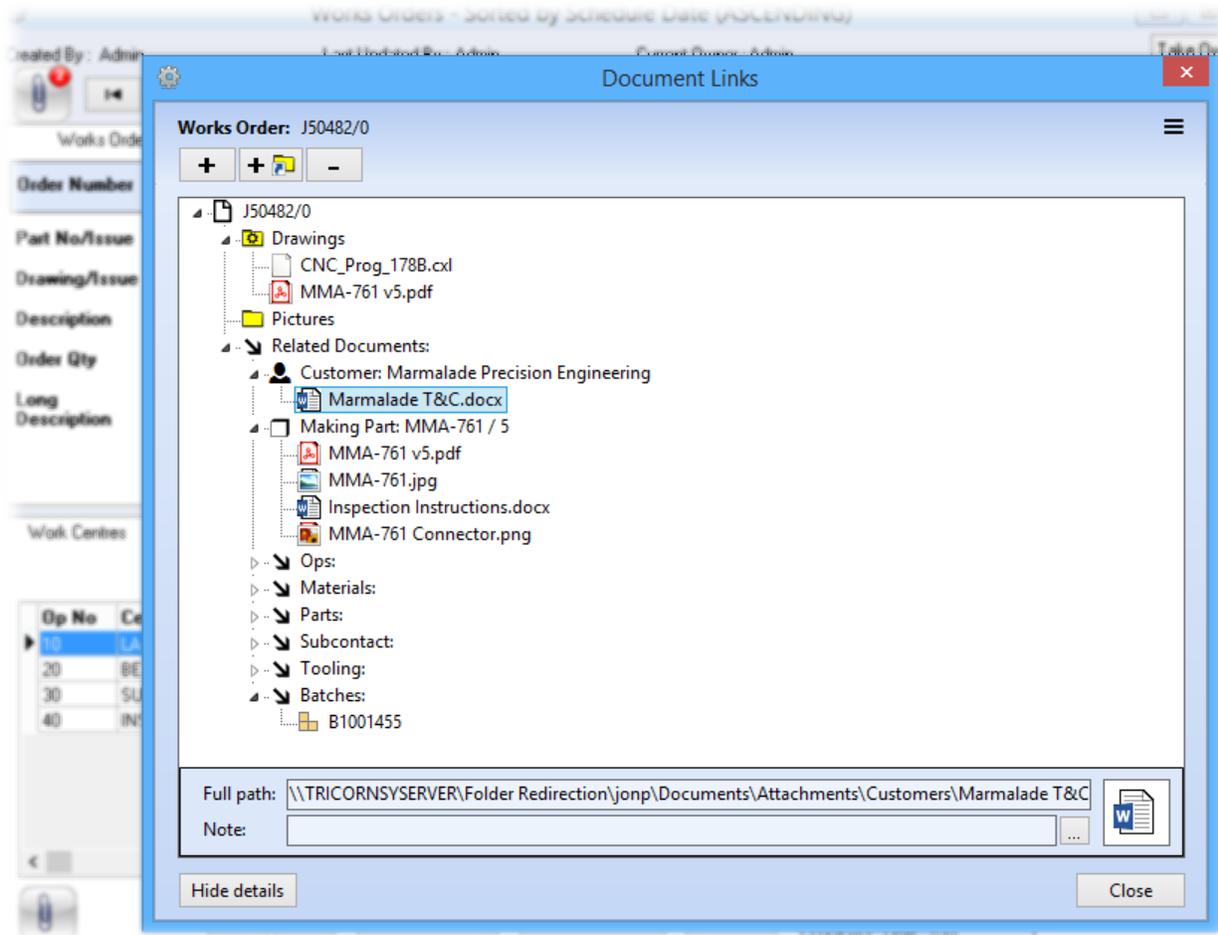
Company logo

A company logo can now be set in the database which will be shown both on the splash screen & the main menu window. As well as personalising the software for your company, this feature will help those of you who run multiple businesses identify which system you're logged in to:



Document Links

The File Attachments system first released in TRICORN:Production 7.6 has been rewritten for 8.1.



The new system is faster, more reliable and adds many new features including:

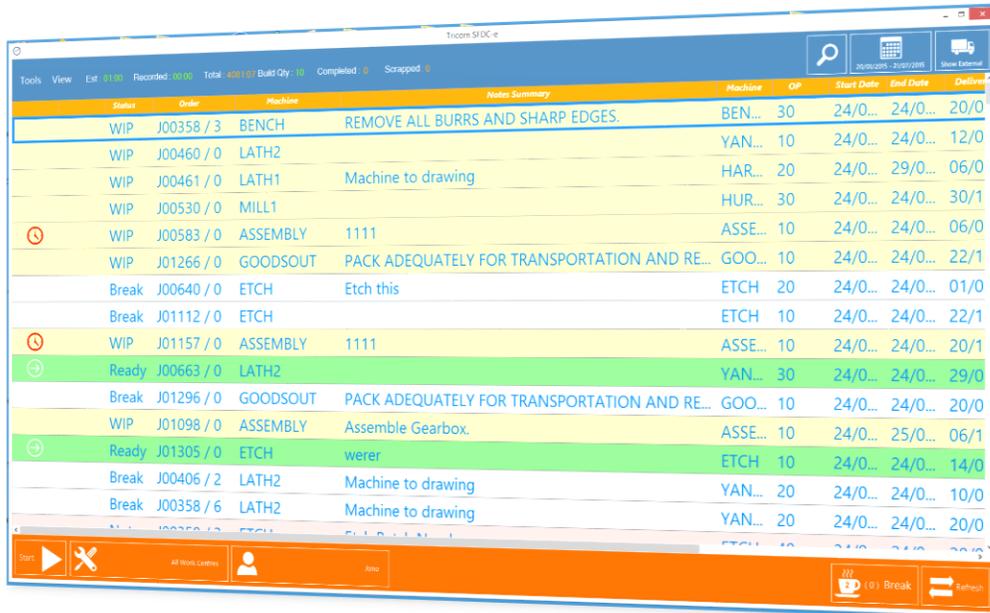
- Create categories (virtual folders) to organise files
- View file type icons
- Drag & Drop
- Create links to network Folders as well as files
- Automatically translate mapped drive paths to full UNC paths
- View *related* documents e.g. see documents on the part master, customer, ops etc from a WO (see pic above); see documents against the supplier from a PO; etc
- Copy attachments from Quote to WO and WO to new Quote
- Select attachments to add to Quote and PO emails
- Automatically attach documents to outgoing emails e.g. T&Cs etc

Other Tricorn Software Available

These other Tricorn software products are proving popular - give us a call if you'd like to arrange a demo.

SFDC-e

Publish a live work-to list to terminals on the shop floor and book on & off jobs with a touch-screen:



Status	Order	Machine	Notes Summary	Machine	OP	Start Date	End Date	Delivery
WIP	J00358 / 3	BENCH	REMOVE ALL BURRS AND SHARP EDGES.	BEN...	30	24/0...	24/0...	20/0
WIP	J00460 / 0	LATH2		YAN...	10	24/0...	24/0...	12/0
WIP	J00461 / 0	LATH1	Machine to drawing	HAR...	20	24/0...	29/0...	06/0
WIP	J00530 / 0	MILL1		HUR...	30	24/0...	24/0...	30/1
WIP	J00583 / 0	ASSEMBLY	1111	ASSE...	10	24/0...	24/0...	06/0
WIP	J01266 / 0	GOODSOUT	PACK ADEQUATELY FOR TRANSPORTATION AND RE...	GOO...	10	24/0...	24/0...	22/1
Break	J00640 / 0	ETCH	Etch this	ETCH	20	24/0...	24/0...	01/0
Break	J01112 / 0	ETCH		ETCH	10	24/0...	24/0...	22/1
WIP	J01157 / 0	ASSEMBLY	1111	ASSE...	10	24/0...	24/0...	20/1
Ready	J00663 / 0	LATH2		YAN...	30	24/0...	24/0...	29/0
Break	J01296 / 0	GOODSOUT	PACK ADEQUATELY FOR TRANSPORTATION AND RE...	GOO...	10	24/0...	24/0...	20/0
WIP	J01098 / 0	ASSEMBLY	Assemble Gearbox.	ASSE...	10	24/0...	25/0...	06/1
Ready	J01305 / 0	ETCH	werer	ETCH	10	24/0...	24/0...	14/0
Break	J00406 / 2	LATH2	Machine to drawing	YAN...	20	24/0...	24/0...	10/0
Break	J00358 / 6	LATH2	Machine to drawing	YAN...	20	24/0...	24/0...	20/0

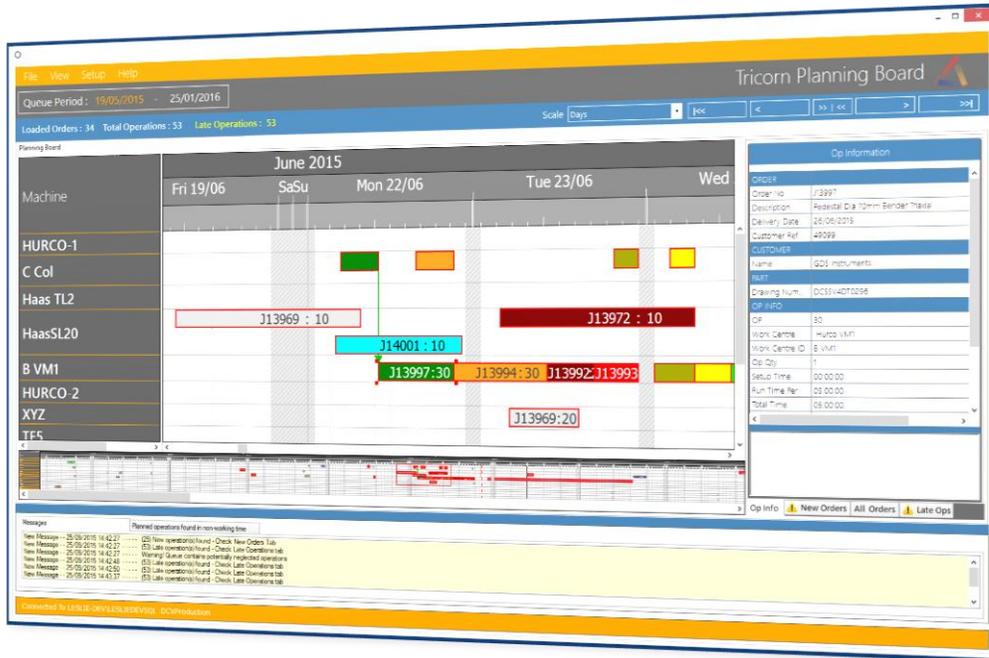
The work-to list is generated by your job scheduling product, or alternatively **is now available to use standalone.**

Here is a brief list of new features AVAILABLE NOW:

- Run without Scheduler or Planning Board (sequence jobs based on manual Schedule date, Delivery Date & Priority)
- WO Job [Priorities](#) including Fast Track where jobs jump to the top of the queue
- Automatic timed breaks (similar to TRICORN:TriTime)
- Seamless clock-on to Run Time after Setting Time
- Handle Inspection Types:
 - Inform the operator of the Inspection Type required
 - Allow/deny op completion based on rights
 - Record qty inspected/accepted
 - Allow jobs to be paused (inc deny clock on of later ops) until ops have been inspected

Planning Board

Schedule your upcoming orders to help meet delivery dates and gain a better idea of capacity:



After helping us beta test this product a few years ago, Andy from DCV Precision gave us the following review:

“We are really getting on well with the planning board and our customers are very pleased that we have implemented it to help schedule our deliveries. We’re hitting dates we’ve never hit before and it’s made a massive difference!”