T-DOC Version 16 & 17 Unveiling



Current Version Installations AUS\NZ

Product	Ver 17	Ver 16	Ver 15	Ver 14	<ver 13<="" th=""></ver>
T-DOC 2000	6	31	5	1	0
T-DOC Select	6	9	1	0	0
T-DOC Endo Cycle	0	1	0	0	0
T-DOC Cycle	1	5	7	4	18

< v16 no longer Officially Supported!*

v16 Supported until 1st June 2024

GETINGE 🛠

Visual Changes (v16 and v17)



New Application Icons

Desktop Icons

v15

T-DOC







• T-DOC Launcher (v16)





• T-DOC Scanner Client (v16)





• T-DOC Admin (v17)





• T-DOC Machine Viewer (v17)



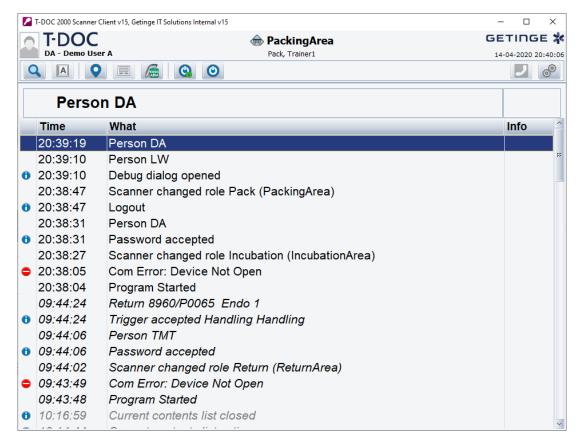


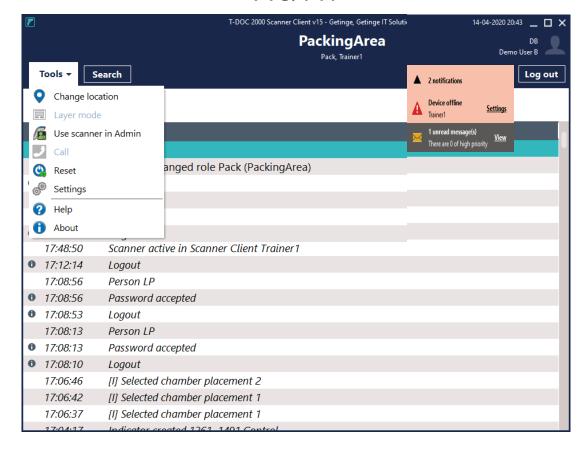
• T-DOC Web Client (v16)



New Scanner Window

v15

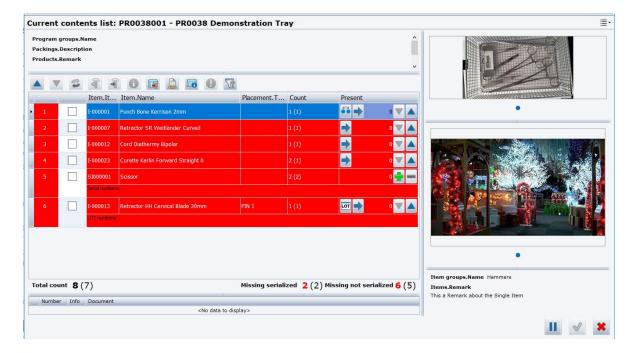


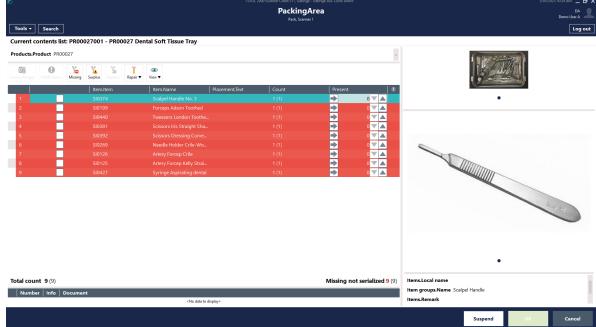




New CountAssure Window

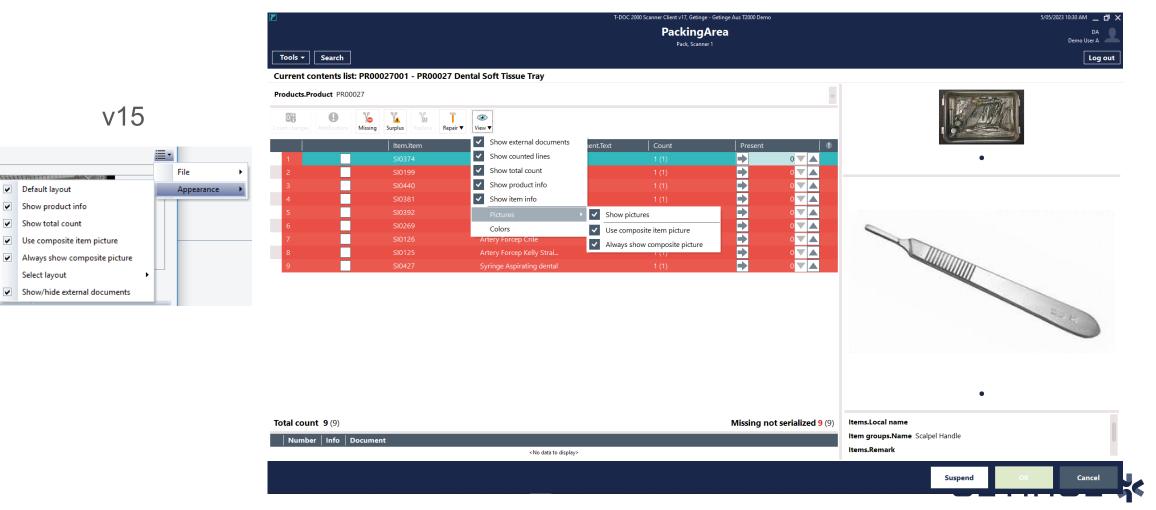
v15







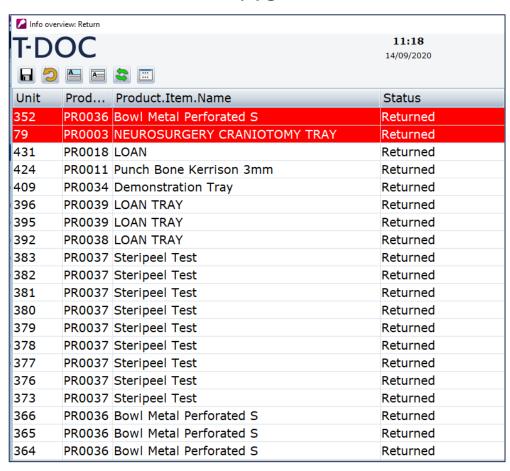
New CountAssure Window



New Info Overview Window

New look

v15

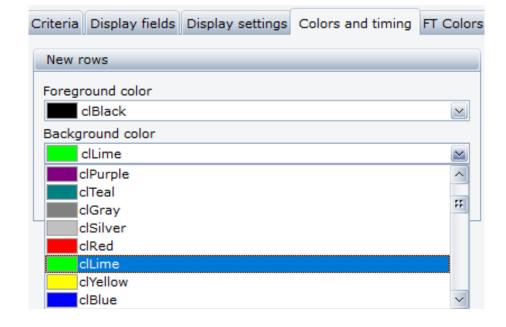


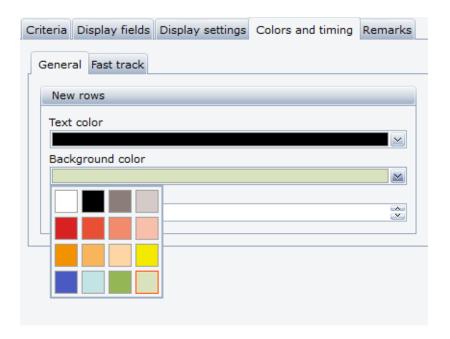




Reduced Colour Palette (CountAssure\Info Overview)

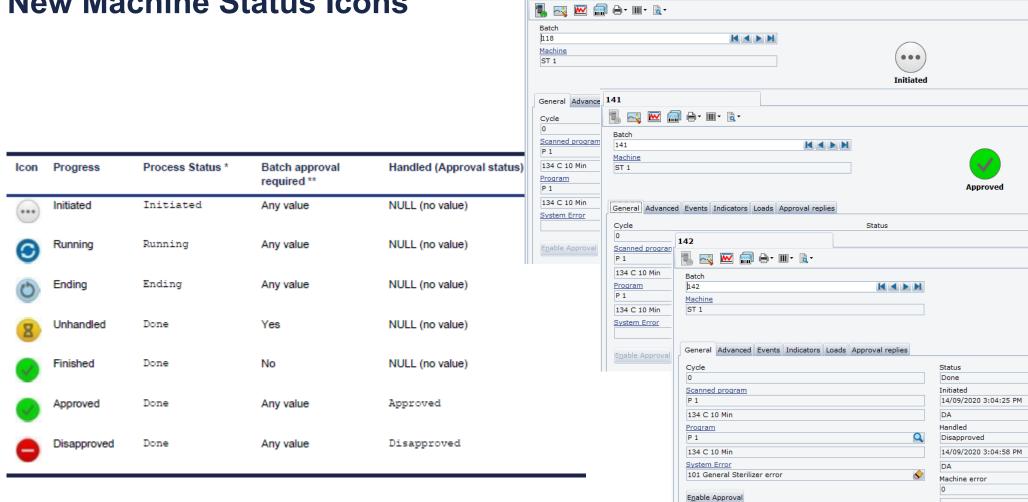
v15







New Machine Status Icons



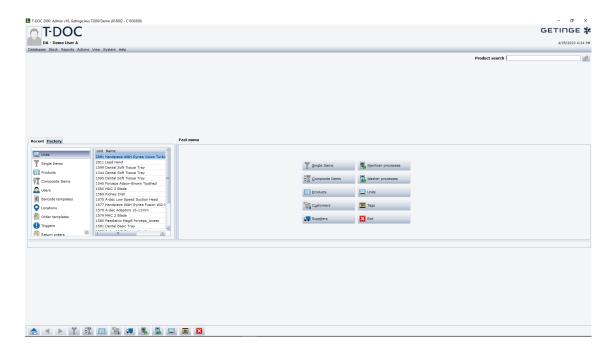
118

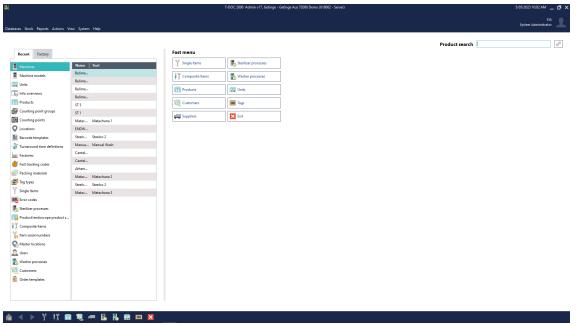


Disapproved

New Admin Window (v17)

v15/v16



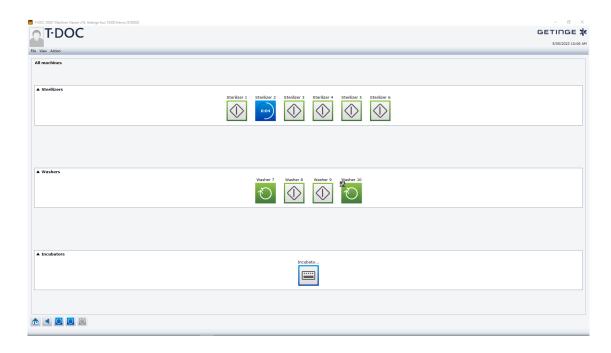


v17



New Machine Viewer (v17)





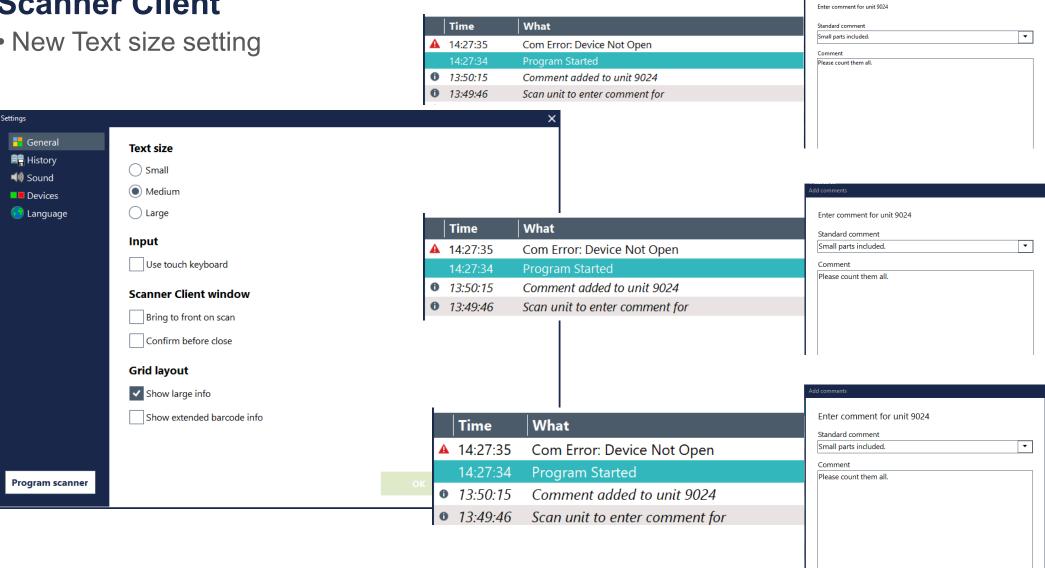




New Functionality (v16 and v17)

Scanner Client

New Text size setting





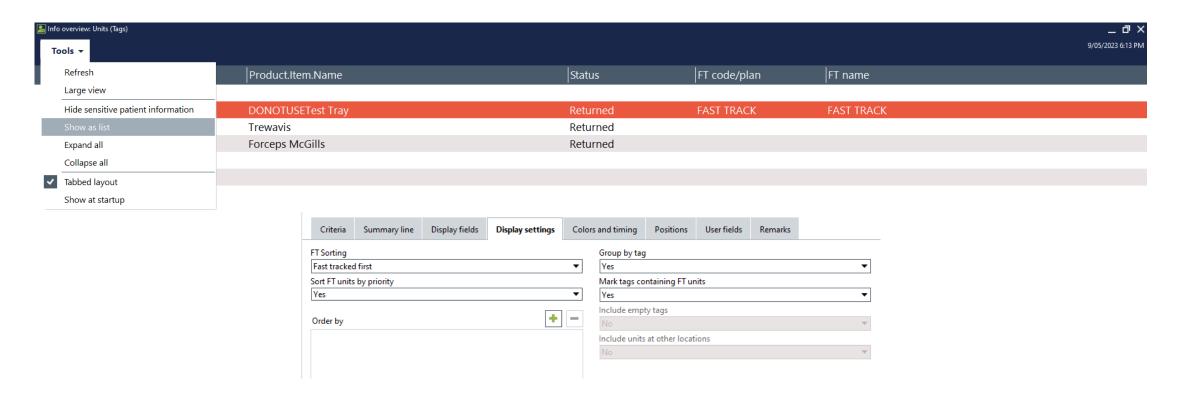
Normal or Large View



Info overview: Return Tools ▼			_ □ X 14/09/2020 11:25 AM
Unit	Product	Product.Item.Name	Status
352	PR0036	Bowl Metal Perforated S	Returned
79	PR0003	NEUROSURGERY CRANIOTOMY T	. Returned
390	PR0034	Demonstration Tray	Returned
387	PR0034	Demonstration Tray	Returned
383	PR0037	Steripeel Test	Returned
382	PR0037	Steripeel Test	Returned
378	PR0037	Steripeel Test	Returned
366	PR0036	Bowl Metal Perforated S	Returned
365	PR0036	Bowl Metal Perforated S	Returned
364	PR0036	Bowl Metal Perforated S	Returned
363	PR0036	Bowl Metal Perforated S	Returned



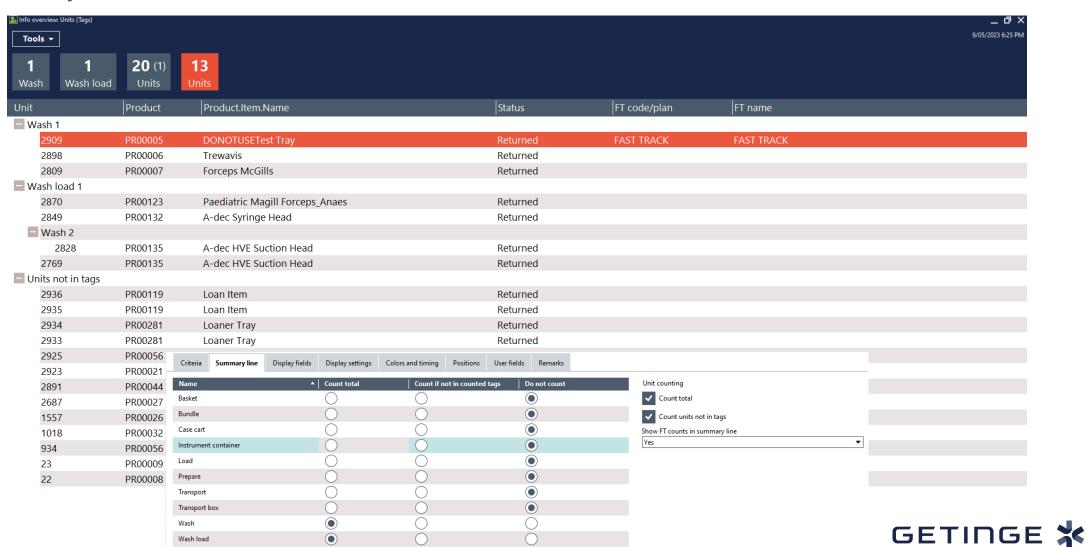
Group by Tags



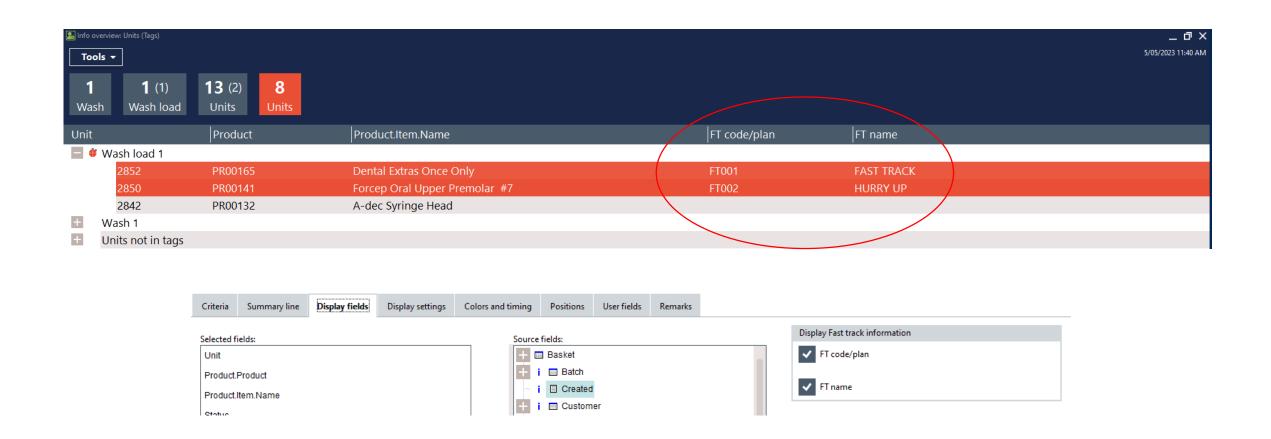
Tags are Collapsed on Start up



Summary Line



Fast Track Code\Name (User Voice)





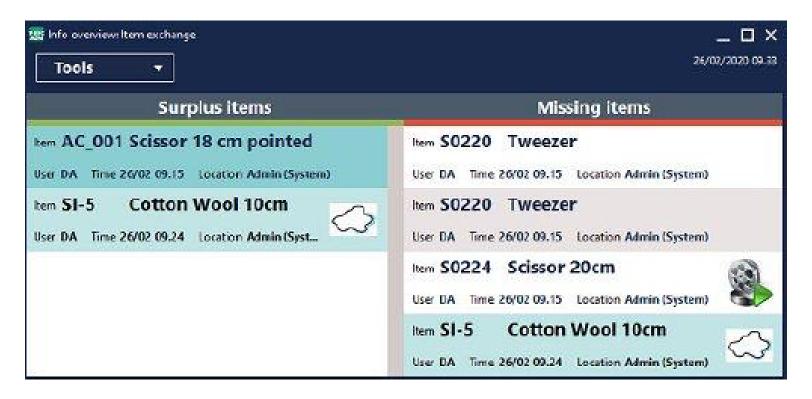
Return Request Overview

🔝 Info overview: Return Request								
Tools 🕶								
Unit	Unit.Product.Item.Name	Return request time	Unit.Location.Name	Unit.Location time	Uni	Unit.Expiration date		
2914	UGM 2023	7/05/2023 7:14:21 AM	Admin (System)	7/05/2023 7:13:40 AM	None	12/05/2023		
68	Adson Bipolar Forceps	7/05/2023 7:22:58 AM	Admin (System)	9/09/2022 9:37:18 AM	Recalled by CSSD			
67	Adson Bipolar Forceps	7/05/2023 7:22:58 AM	Admin (System)	9/09/2022 9:37:18 AM	Recalled by CSSD			
66	Adson Bipolar Forceps	7/05/2023 7:22:58 AM	Admin (System)	9/09/2022 9:37:18 AM	Recalled by CSSD			
65	Adson Bipolar Forceps	7/05/2023 7:22:58 AM	Admin (System)	9/09/2022 9:37:18 AM	Recalled by CSSD			
64	Adson Bipolar Forceps	7/05/2023 7:22:58 AM	Admin (System)	9/09/2022 9:37:18 AM	Recalled by CSSD			
63	Abbey Needle	7/05/2023 7:22:58 AM	Admin (System)	9/09/2022 9:37:19 AM	Recalled by CSSD			
62	Dermatome	7/05/2023 7:22:58 AM	Admin (System)	9/09/2022 9:37:19 AM	Recalled by CSSD			
60	Mesher	7/05/2023 7:22:58 AM	Admin (System)	9/09/2022 9:37:19 AM	Recalled by CSSD			
59	Abbey Needle	7/05/2023 7:22:58 AM	Admin (System)	9/09/2022 9:37:19 AM	Recalled by CSSD			
58	Abbey Needle	7/05/2023 7:22:58 AM	Admin (System)	9/09/2022 9:37:20 AM	Recalled by CSSD			
57	Abbey Needle	7/05/2023 7:22:58 AM	Admin (System)	9/09/2022 9:37:20 AM	Recalled by CSSD			

- A Return request can identify Delivered units that are error-marked, expired, due to expire, or have not been used in a planned operation (for example where the operation has been significantly postponed or even cancelled).
- A Return request Information overview lists these units so they can be selected for return to the CSSD or if applicable used directly in another operation.



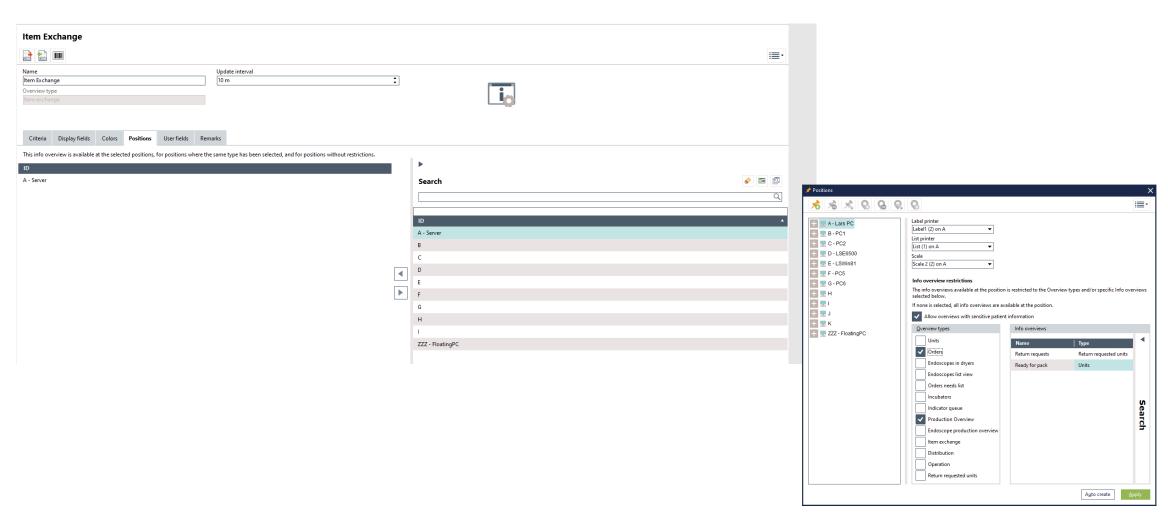
New Item Exchange Overview



• Surplus and Missing Single Items in the Production Circle can be monitored by using Item Exchange Information overviews. This requires the T-DOC CountAssure Module.

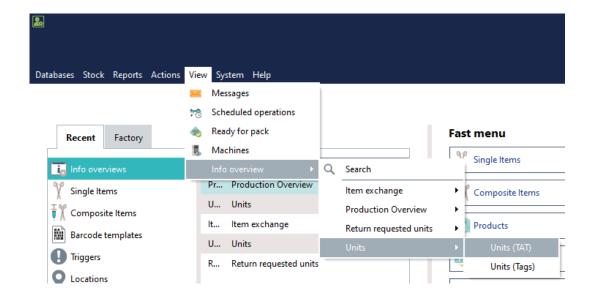


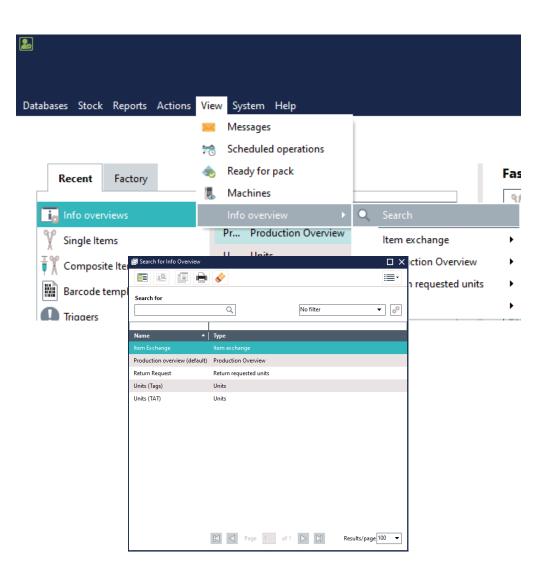
• Restricting Access (v17)





New Menu Structure and Searching

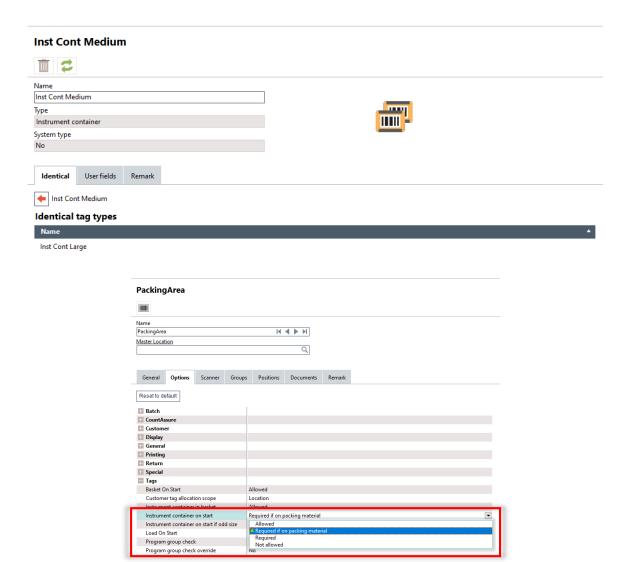






Instrument Container Tag Type as Packing Material

Defining tag type packing material

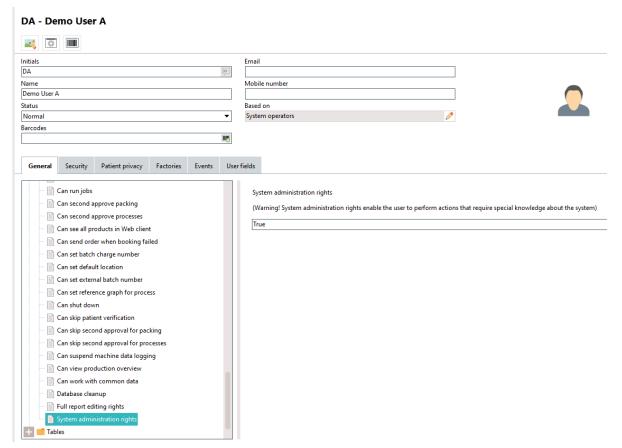


Inst Cont M Packing Inst Cont M Description Instrument Container Medium Sealing General Endoscope Documents Shelf Life Price Include in pack list No Tag type Inst Cont Medium



Multiple SYS Accounts

System Administrator Rights



- Multiple users would typically modify T-DOC setup by logging in as SYS. This meant that it was not possible to know which specific user made a change as they all were registered as SYS. Now specific users can be set as System Administrators, and any changes in T-DOC can be monitored as they are registered by their true user ID and not as SYS.
 - T-DOC SERVICE AGREEMENTS DO NOT COVER ISSUES RESULTING FROM INCORRECT USE OF A T-DOC SYSTEM ADMINISTRATOR ACCOUNT



Multiple SYS Accounts

- System Administrator Rights
- When a user's System administration rights is set to True, besides the functionality usually assigned, this will include:
 - Access to the T-DOC UI Designer (TDUIDesigner.exe).
 - Login to any Factory
 - Access the Settings tab in System data
 - Full Report, Lists and Label Editing Properties
 - Modify Machine Program Control system data settings.
 - Start the T-DOC Job Configurator (TDJobCfg.exe)
 - Modify the Type, Standard error and Technical error values in Machine models.
 - · Modify Machine related Data.
 - Edit pictures of approved processes in accordance with the Can edit process picture user setting.

A True setting does not give the user unlimited access to T-DOC database tables, for example patient privacy is enforced even though the tables can be accessed.



Telemetry

• Telemetry in T-DOC

- In Getinge DHS, Telemetry data reveals how a T-DOC System is being used at a customer site. T-DOC telemetry runs in the background and can cover data loads, searches, scanning and display of scanner results, server downtime, report generation, user login etc.
- A web service running at Getinge's server centre is responsible for receiving and processing telemetry data. The main/primary T-DOC Utility Server is responsible for sending telemetry data to Getinge. Telemetry data being generated on the client PCs are transferred to the T-DOC Server where the T-DOC Utility Server application is running.
- Telemetry data collection in T-DOC is enabled by default and is configured by using the **T-DOC Ini File Editor** (TDIniEdit.exe) application.

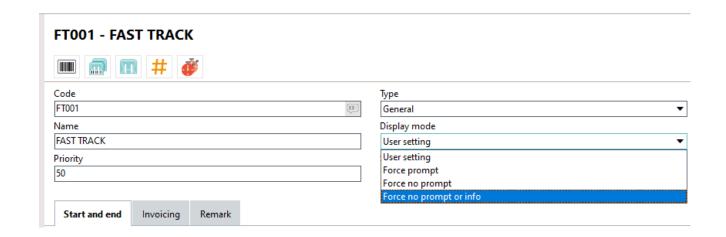
TELEMETRY IN T-DOC DOES NOT INCLUDE ANY SENSITIVE OR PERSONALLY IDENTIFIABLE DATA



Fast Track Enhancements

New Fast Track Display Mode





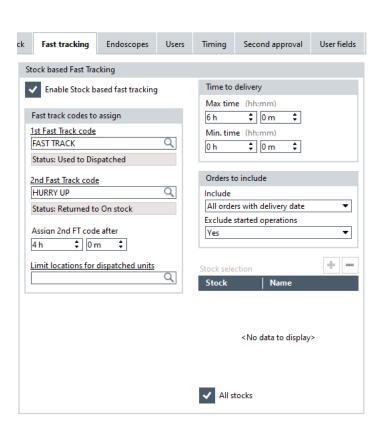
- Units with fast track codes and/or plans assigned this mode do not alert users with sounds or special colours when they are handled, for example when scanning such a unit in the Packing Area.
- All this implies that users are not disturbed by alerts during production, but are still capable of viewing the fast tracking in Information overviews in the production areas.



Fast Track Enhancements

Stock Based Fast Tracking



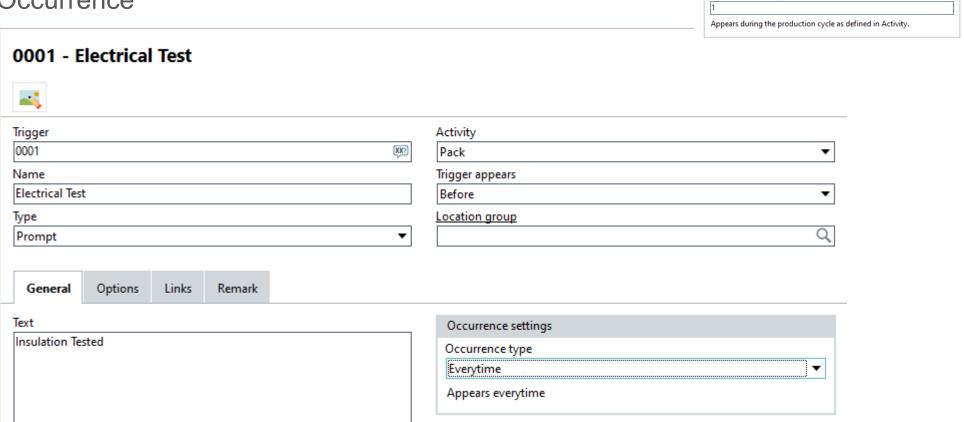


- It is now possible to specify a 2nd Fast Track code. This code will be assigned to units that have had the 1st Fast Track code assigned for a specified amount of time.
- Some possible applications for these new settings are:
- - You can "escalate" the Fast Track after a certain time.
- - You can use the two different Fast Track codes for reporting purposes, giving you a number for how many units not handled within the specified time frame.



Trigger

Everytime Occurrence

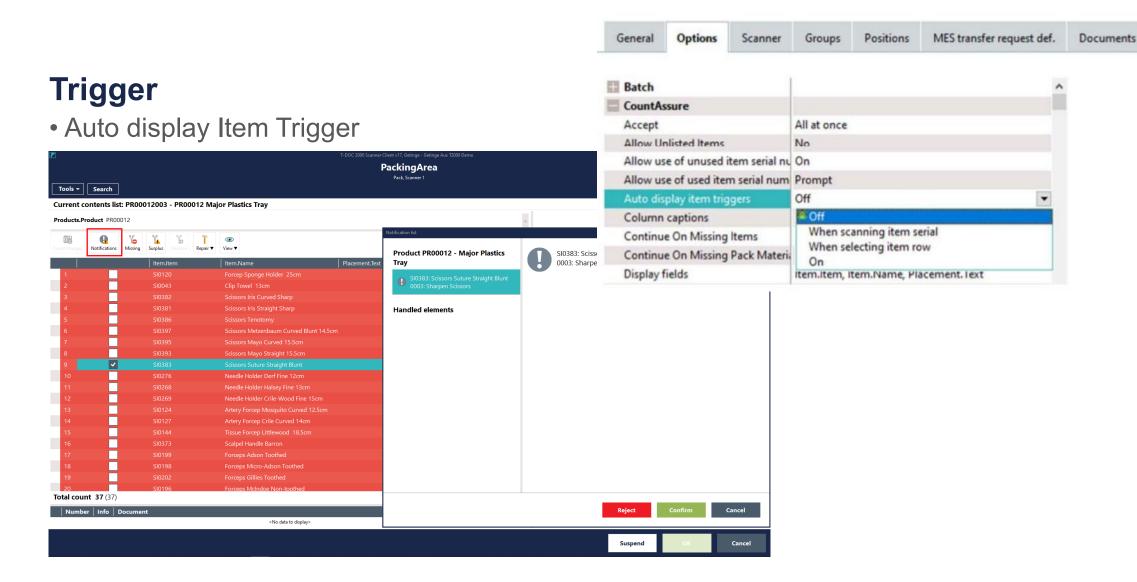


• The trigger can appear multiple times, for example if appearing with the **Current contents list** when packing and then pausing and reactivating packing.



Occurrence settings
Occurrence type
Rounds

Rounds between triggers



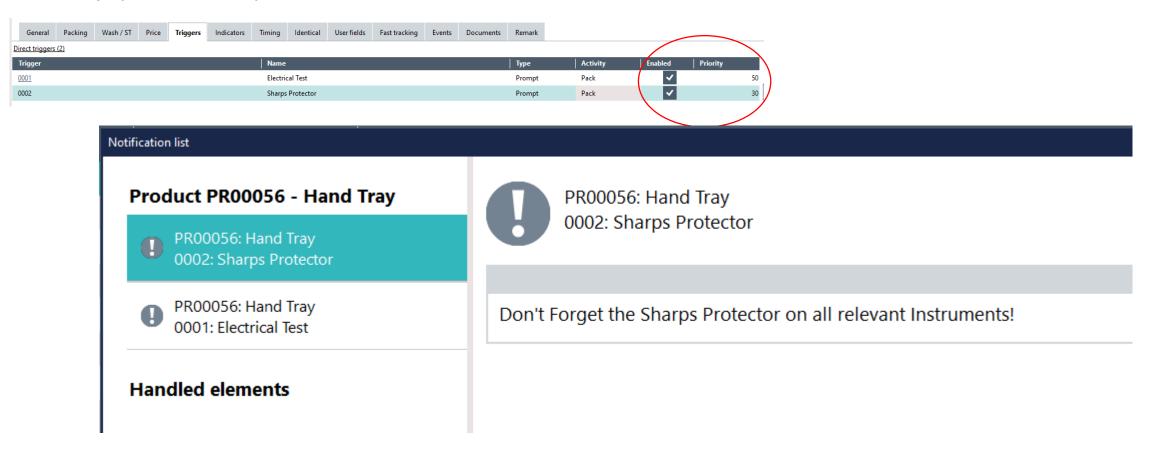
• Display Single Item Trigger when Item Line Selected and\or Serial Number scanned while CountAssure Window is open



Remark

Trigger

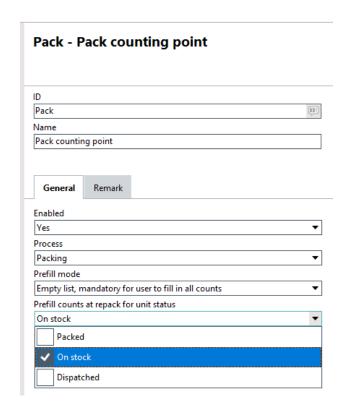
Priority (User Voice)

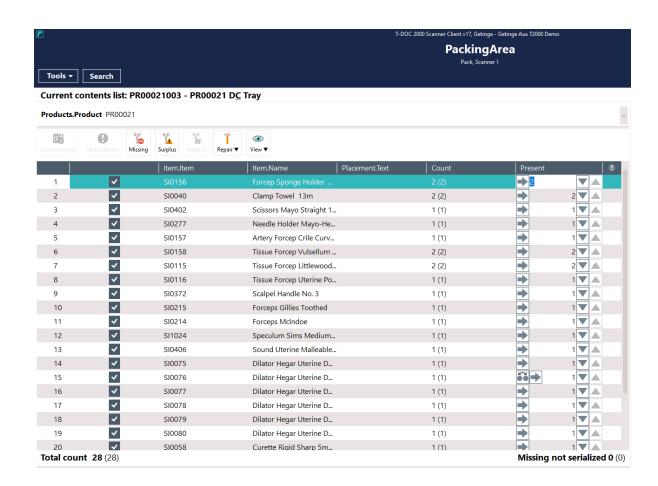


• The trigger with the Highest Priority is displayed first.



Prefill Unit Status (User Voice)

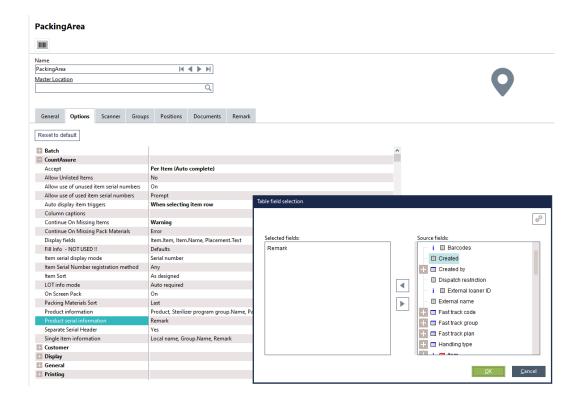


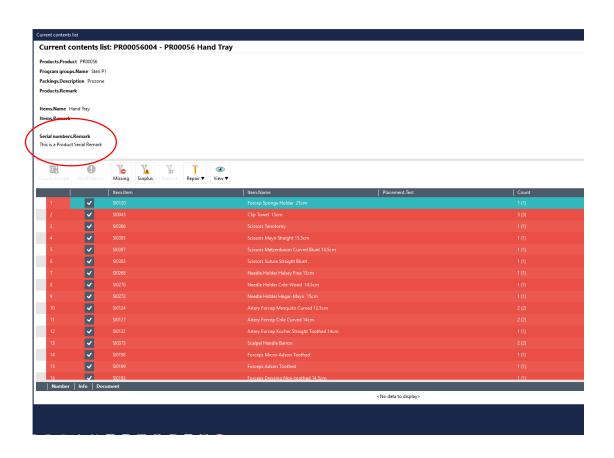


• When a Unit is Returned at a Packing Location with an Error does the User need to recount all items?



Product Serial Info (User Voice)

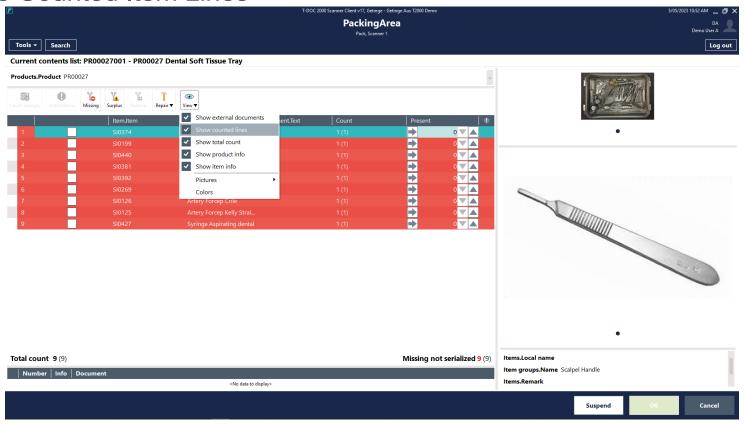




Product Serial Information can be added to the CountAssure Window



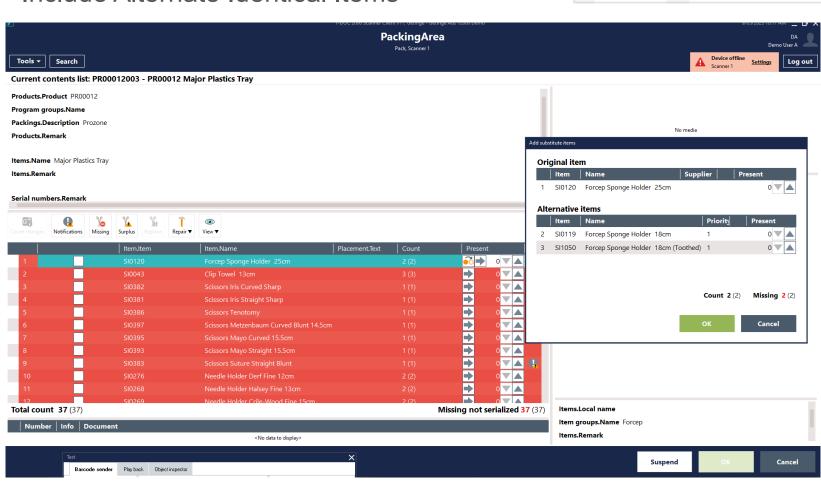
New Show\Hide Counted Item Lines



• When using CountAssure a **Show counted items** filter function in the **View** menu allows for toggling between displaying and hiding items that have a required count.



Include Alternate Identical Items



Include Items that are Identical to a specified Alternative Item

CI0013 - Major Plastics Tray Composite item list

Critical

Alternative items for SI0120 - Forcep Sponge Holder 25cm

SI0119 Forcep Sponge Holder 18cm

Name

3 Clip Towel 13cm

1 Scissors Tenotomy

1 Scissors Iris Curved Sharp

1 Scissors Iris Straight Sharp

SI0043

SI0382

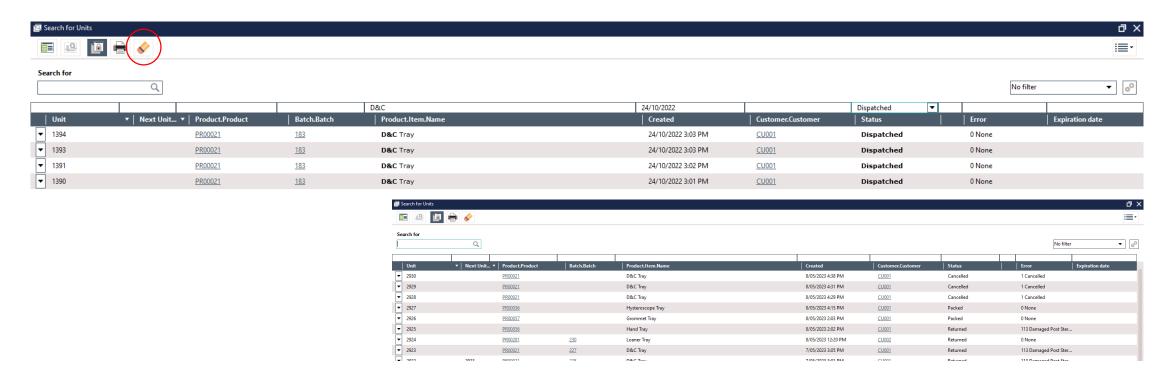
SI0381

SI0386



Advanced Search

Clear Column Filters

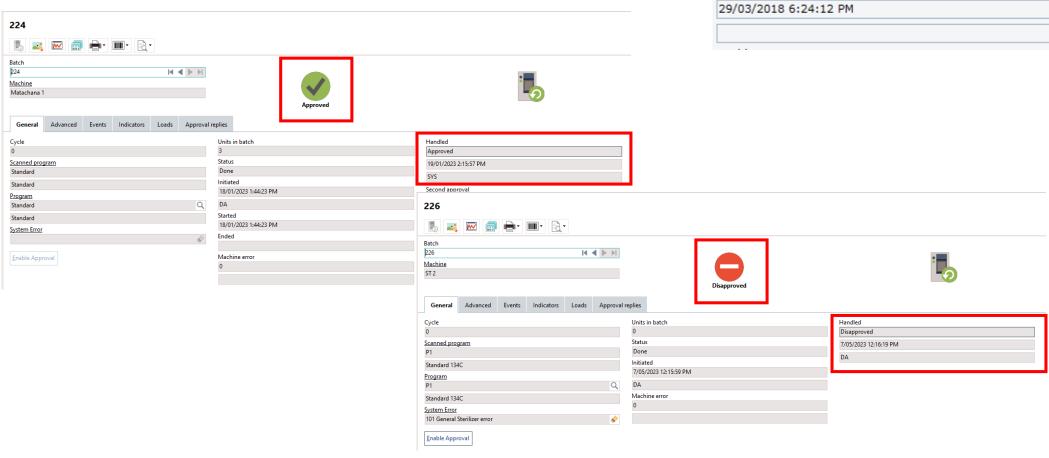


Clears any Text entered in the Column Filter Fields



Batch Handled Status

Approved\Disapproved



• Processes now have a Handled Status of Approved or Disapproved

Approved

Approved

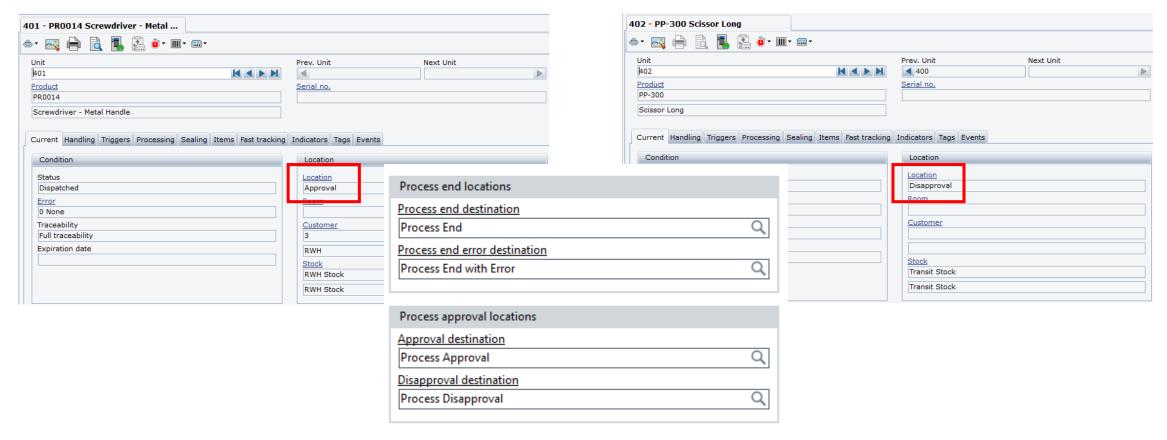
8/09/2020 8:52:27 AM

v15



Approval\Disapproval Locations

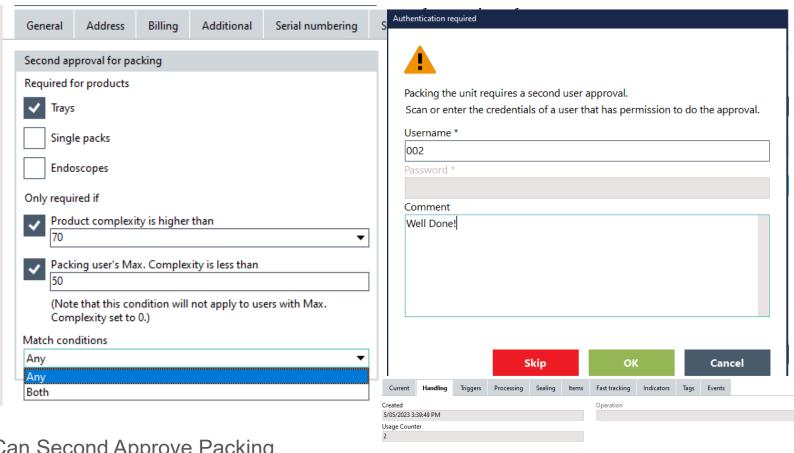
Approval\Disapproval Locations



Units can be sent to a specified location when a Machine Process has Ended (Data logging) or
 Approved\Disapproved.
 GETINGE *

Second Approval (Packing)

Second User for Complex RMD's or New User's



- User Setting Can Second Approve Packing
- User Setting Can Skip Second Approval for Packing

What	Time	Initials	Extra	Name	Error
Pack	5/05/2023 3:39:49 PM	DA - Demo User A		PackingArea	
Second approval	5/05/2023 3:39:49 PM	002 - Ben Donnelly	Well Done!	PackingArea	

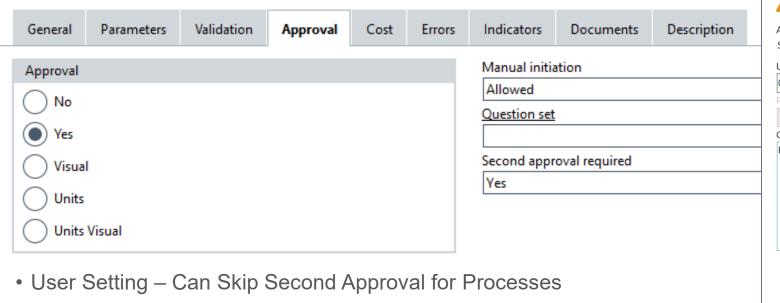


Used Pack Time

Repair e-mail sent

Second Approval (Batch)

Second Approval for Machine Programs



<u> </u>			
Approving the bate	h requires a secon	d user approval.	
Scan or enter the o	redentials of a use	r that has permission	n to do the approval.
Username *			
002			
Password *			
Comment			
Batch Approved			
	Skip	ок	Cancel
	<u>"</u>		

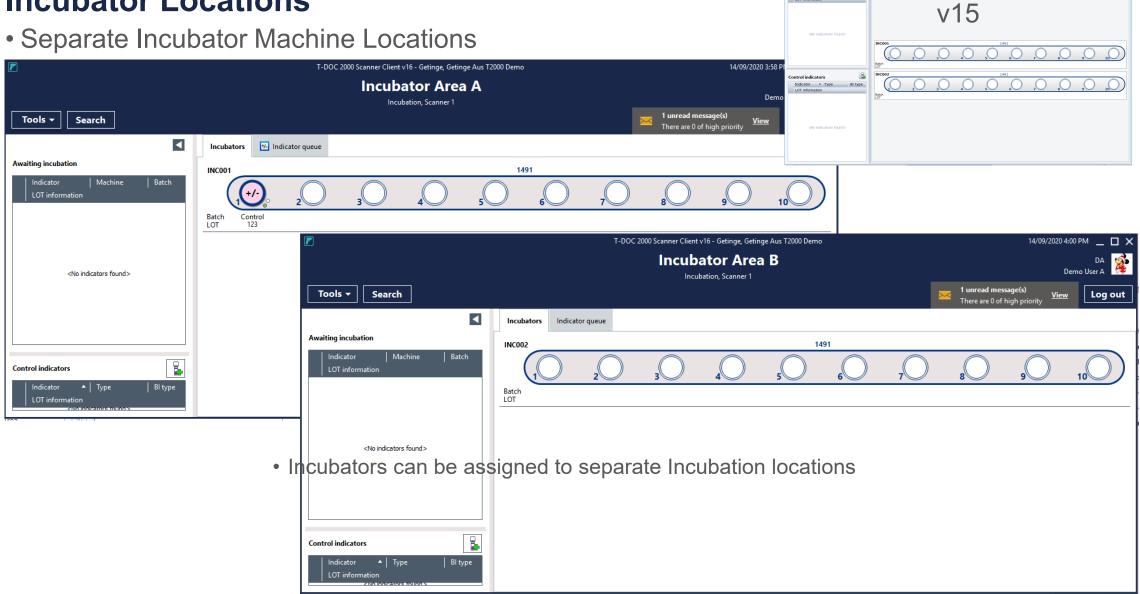
Authentication required

Handled
Approved
5/05/2023 4:21:37 PM
DA
Second approval 002
Batch Approved

Handled
Approved
7/05/2023 2:31:01 PM
DA
econd approval
Skipped
Night Shift



Incubator Locations



T-DOC

Awaiting incubation

Q A Q 🗆 🙈 Q O

Indicator Machine Batch 0

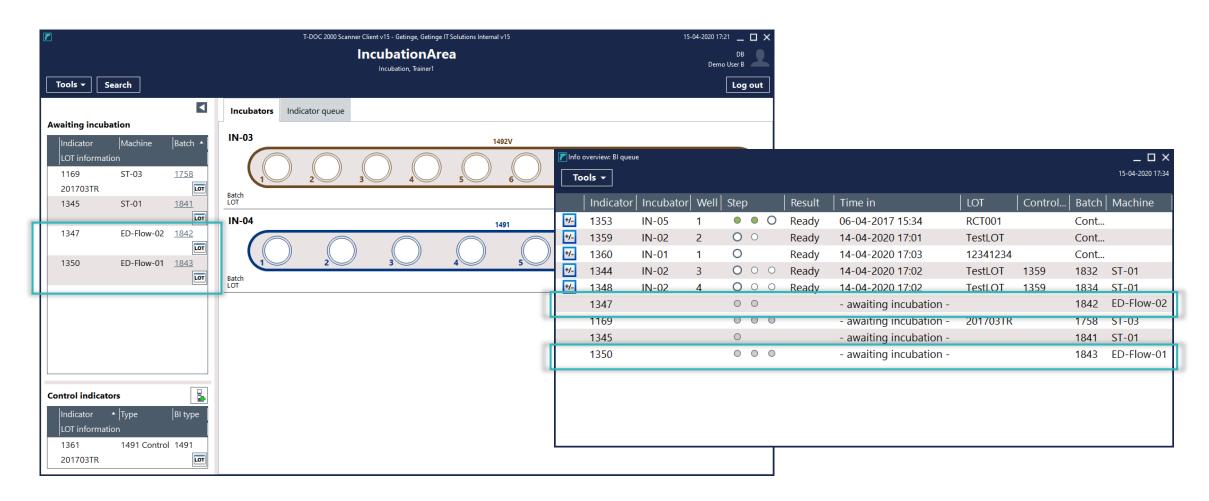
Incubation Area

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6 ®

Indicators from Endo Washers

Handing of Indicators from Endo washers





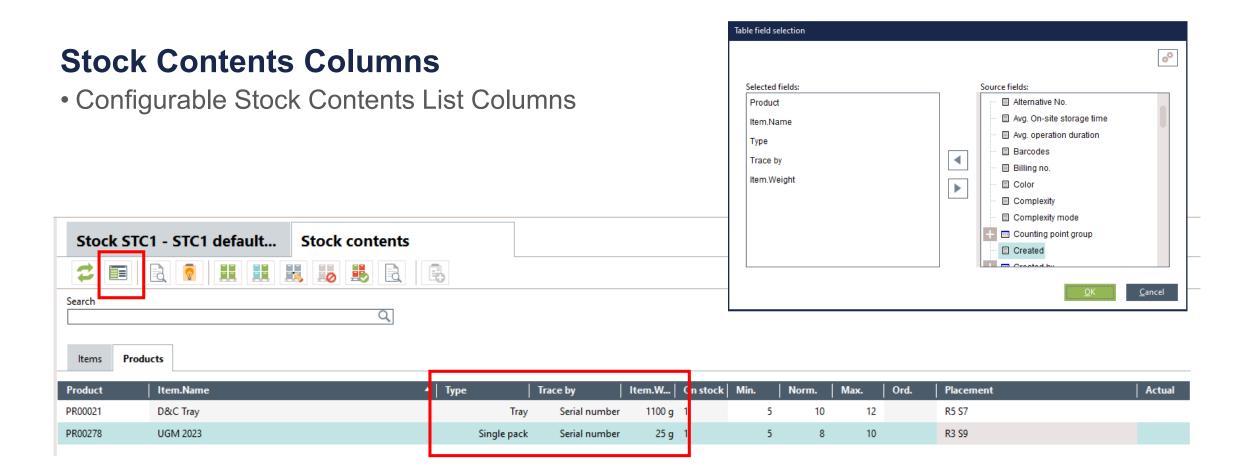
Composite Item List

Customise Columns

C	10013 - Major Plasti	ics Tray Com	posite item list		
•		•			
Pic	Item	(All)		Critical	Name Placement
	SI0120	(Sorted)	2	2	Forcep Sponge Holder 25cm
	SI0043	✓ Picture	3	3	Clip Towel 13cm
	SI0382	Supplier	1	1	Scissors Iris Curved Sharp
==:	SI0381	✓ Placement	1	1	Scissors Iris Straight Sharp
	SI0386	Supplier No.	1	1	Scissors Tenotomy
	SI0397	Manuf. No	1	1	Scissors Metzenbaum Curved Blunt 14.5cm
	SI0395		1	1	Scissors Mayo Curved 15.5cm
	SI0393	Mat. No.	1	1	Scissors Mayo Straight 15.5cm
	SI0383		1	1	Scissors Suture Straight Blunt
	SI0276		2	2	Needle Holder Derf Fine 12cm
	SI0268		2	2	Needle Holder Halsey Fine 13cm
	SI0269		2	2	Needle Holder Crile-Wood Fine 15cm
	SI0124		2	2	Artery Forcep Mosquito Curved 12.5cm
	SI0127		2	2	Artery Forcep Crile Curved 14cm
	SI0144		2	2	Tissue Forcep Littlewood 18.5cm
	SI0373		2	2	Scalpel Handle Barron
~	SI0199		2	2	Forceps Adson Toothed
	SI0198		1	1	Forceps Micro-Adson Toothed
	SI0202		1	1	Forceps Gillies Toothed
	SI0196		1	1	Forceps McIndoe Non-toothed
	SI0209	••	1	1	Forceps Debakey Fine 15cm
	SI0352		2	2	Retractor Gillies Skin hooks Single
	SI0324		2	2	Retractor Kilner Cats-Paws
	SI0366		1	1	Safety Pin

• Add Additional Columns to the Composite Item List Window



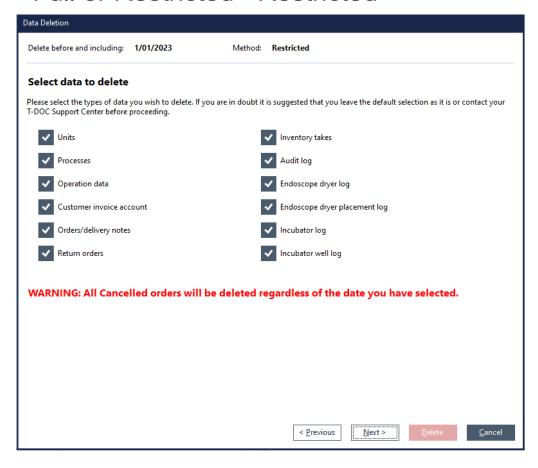


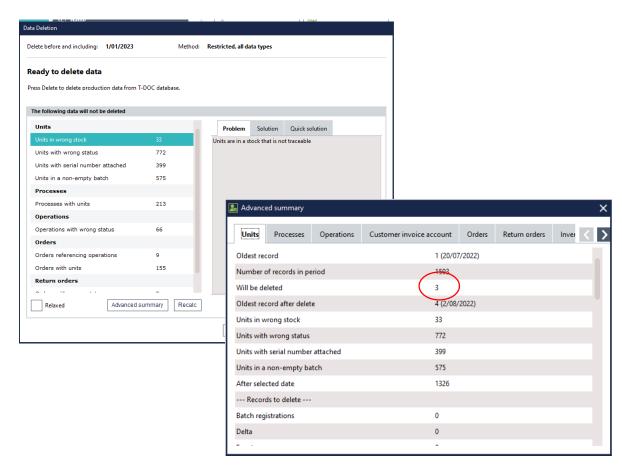
Additional columns can be added to the Stock Contents Window



Data Deletion

Full or Restricted - Restricted



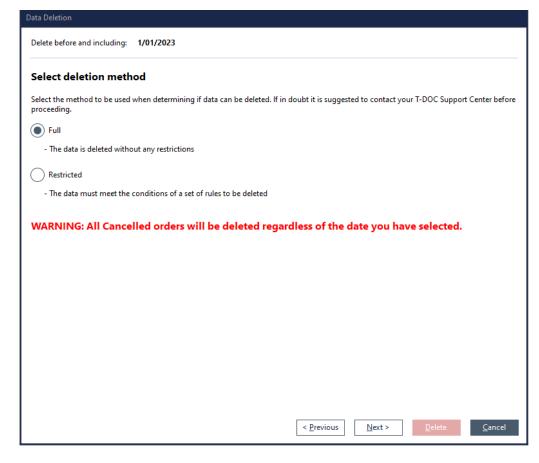


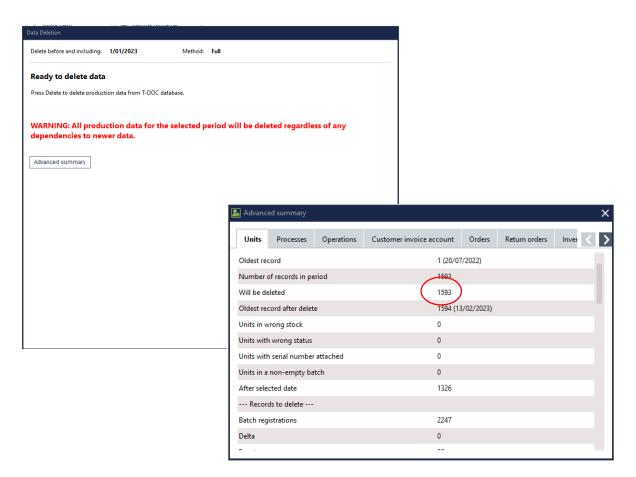
• **Restricted** Only specific types of data that satisfy specific conditions up to and including the Selected date will be deleted.



Data Deletion

• Full or Restricted - Full

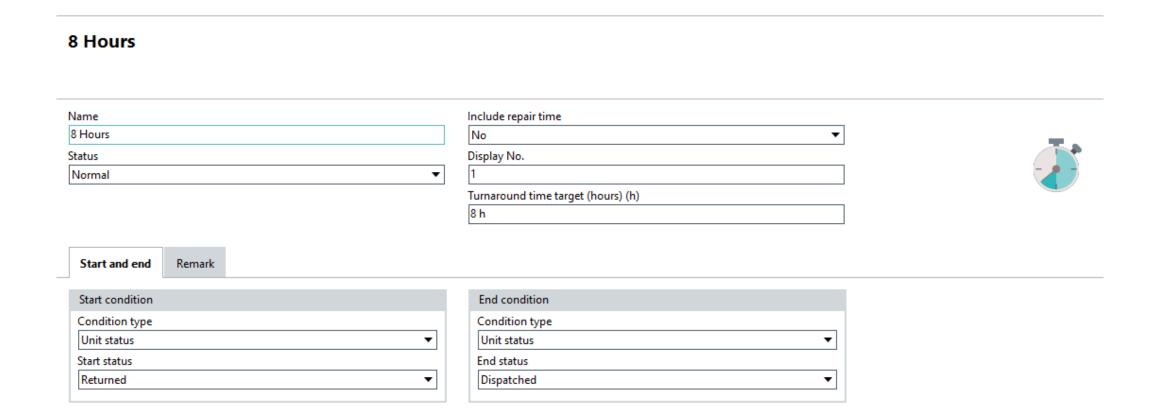




• Full All deletable data, without any exceptions, up to and including the Selected date will be deleted.



Turnaround time





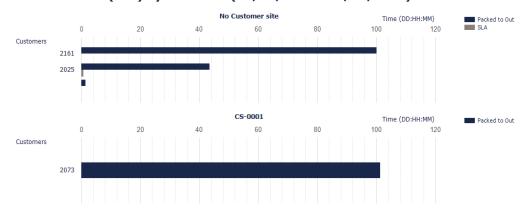
Turnaround time (Info Overview)





Turn Around Times (Reports)

Turnaround times (TAT) by Customer (27/04/2010 - 27/04/2020)



Definition name	Include repair time	Last data update	
SLA	No	27/04/2020, 04.00	
SLArush	No	27/04/2020, 04.00	
Packed to Out	No	27/04/2020, 04.00	

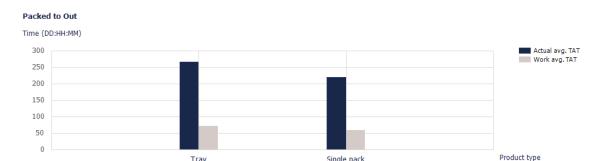
Definition name	Average TAT (DD:HH:MM)	High TAT (DD:HH:MM)	Low TAT (DD:HH:MM)	Avg. Repair time (DD:HH:MM)	Units	On target
∃No Customer site					11	3 (27%)
⊞ No Customer					1	0 (0%)
■2025 Surgical Department					8	3 (38%)
	43:12:00	113:17:42	0:23:19	0:00:00	5	0 (0%)
⊟SLA	0:18:56	1:16:08	0:00:01	0:00:00	3	3 (100%)
⊞ Single pack	0:08:19	0:16:37	0:00:01	0:00:00	2	2 (100%)
⊟Tray	1:16:08	1:16:08	1:16:08	0:00:00	1	1 (100%)
■10002: Basic Tray Children	1:16:08	1:16:08	1:16:08	0:00:00	1	1 (100%)
± 2161 Department O1					2	0 (0%)
ECS-0001					2	0 (0%)

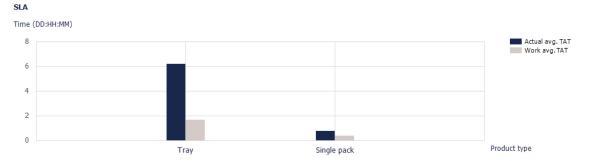
Turnaround time (TAT) Customer (27/04/2010 - 27/04/2020), 27/04/2020

Page 1 of 2

Turnaround time (TAT) detailed (27/04/2010 - 27/04/2020)

Tray





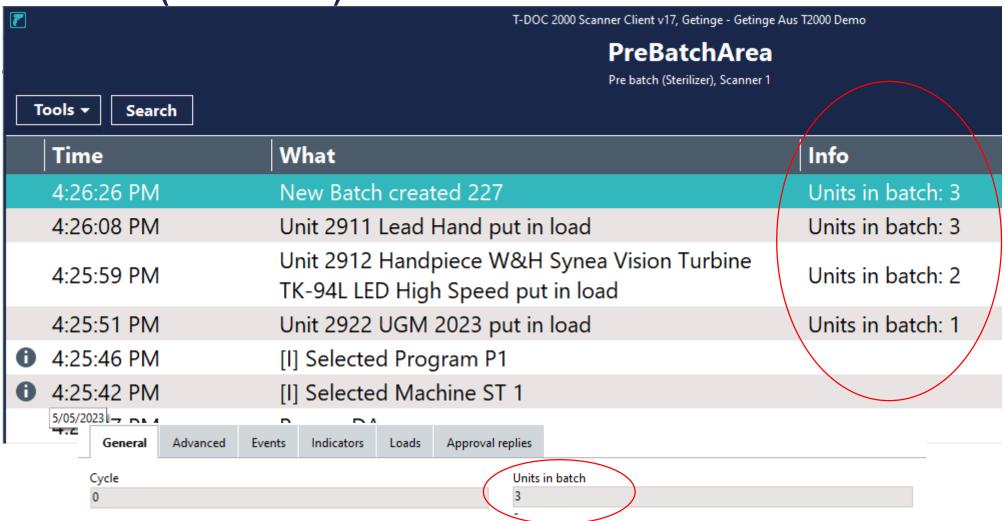
Single pack

Definition name	Include repair time	Last data update
SLA	No	27/04/2020, 04.00
SLArush	No	27/04/2020, 04.00
Packed to Out	No	27/04/2020, 04.00

		Actual times (DD:HH:MM)				Work times (DD:HH:MM)			
Definition name	Avg. TAT	High TAT	Low TAT	Avg. Repair	Avg. TAT	High TAT	Low TAT	Units	On target
Packed to Out	233:15:15	425:02:42	2:19:15	1:18:46	62:04:11	113:17:42	0:23:19	10	0 (0%)
⊕Tray	266:17:37	425:02:42	60:05:01	0:00:00	71:07:37	113:17:42	15:23:01	3	0 (0%)
■ Single pack	219:10:48	408:21:16	2:19:15	2:13:06	58:06:09	109:18:16	0:23:19	7	0 (0%)
SLA	2:13:11	6:04:08	0:00:01	0:00:00	0:18:56	1:16:08	0:00:01	3	3 (100%)
⊟Tray	6:04:08	6:04:08	6:04:08	0:00:00	1:16:08	1:16:08	1:16:08	1	1 (100%)
10002: Basic Tray Children	6:04:08	6:04:08	6:04:08	0:00:00	1:16:08	1:16:08	1:16:08	1	1 (100%)
⊞ Single pack	0:17:42	1:11:22	0:00:01	0:00:00	0:08:19	0:16:37	0:00:01	2	2 (100%)

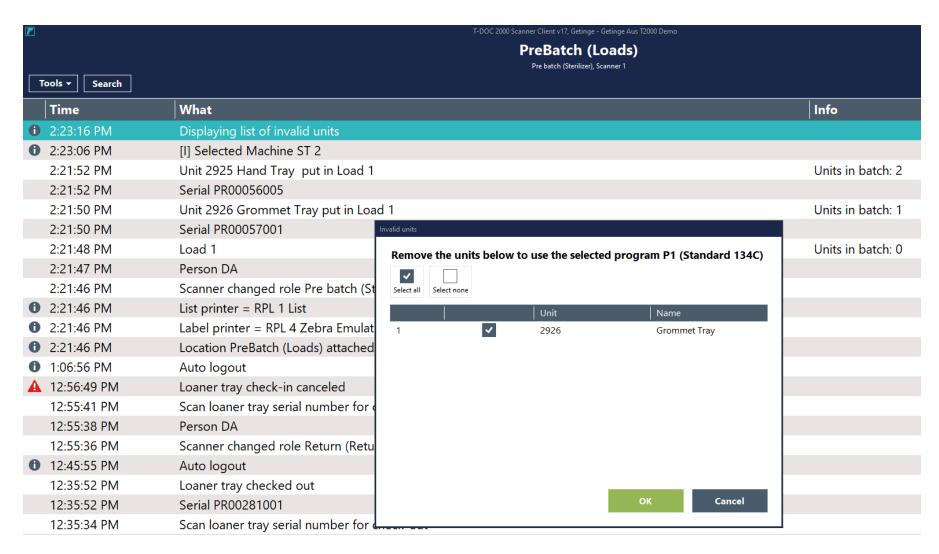


Units in Batch (User Voice)





Tag Program Check





Edit Process Media (User Voice)

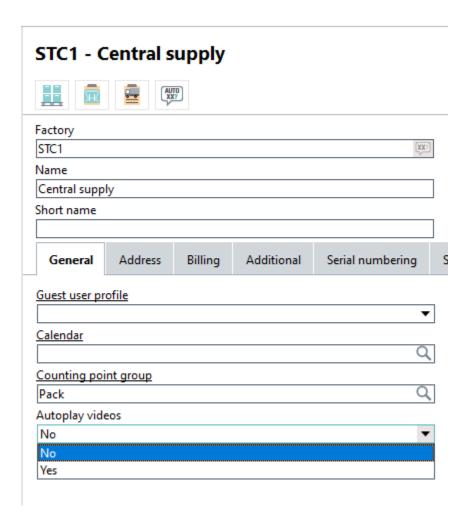








Autoplay Videos



Users can now enable automatic video playback in T-DOC Admin, T-DOC Scanner Client and T-DOC Web.

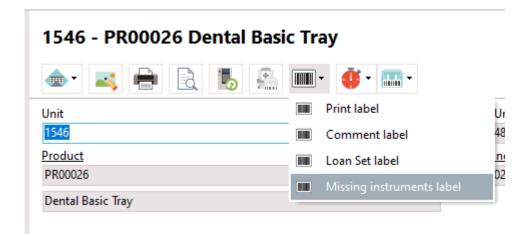
When the setting is enabled, videos associated with actions such as Triggers automatically play without the user having to select the Play button.



Reprint Missing Instruments Label (User Voice)

Print missing instruments label







Reprint a Unit Missing Instrument Label from Scanner Client



New Loaner Interface

Interface to CaseChek and Tray Check



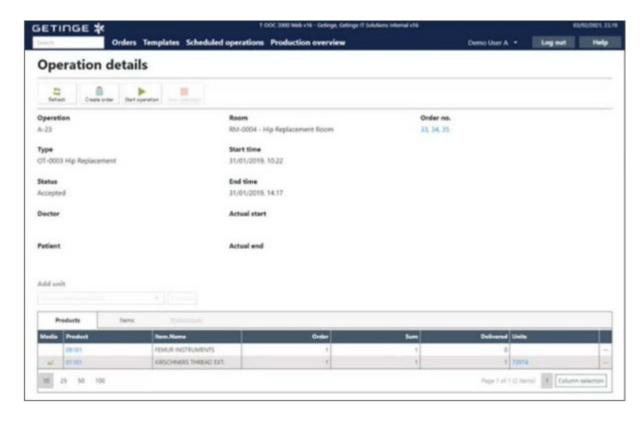
The interface allows:

- External vendors to create and deliver loaner trays that hospital staff ordered through a loaner system.
- CSSD staff to check in, track, and check out trays as they go through the production cycle.
- T-DOC to communicate and share data with the external system using an interface.



New Goods Delivery Interface

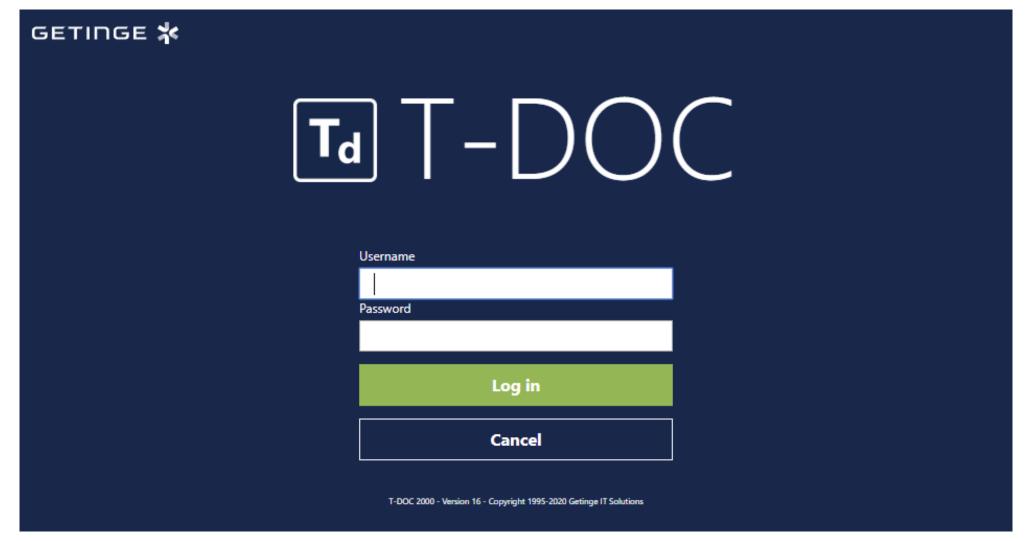
Interface to PMS



Intelligent and flexible interface to export the status of goods delivery to third-party operation scheduling and patient flow management systems.

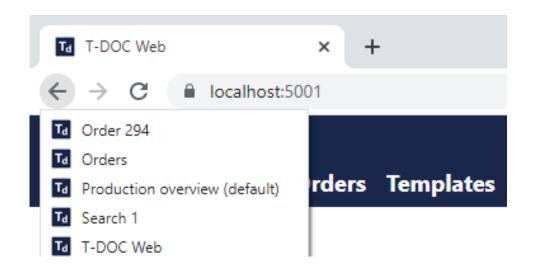
- T-DOC can send summarized information about the status of goods ordered for operations.
- T-DOC can send expanded, specific data about the status of goods ordered for operations.
- T-DOC allows users to open a URL leading to a site in T-DOC Web with information about a given operation, after automatically logging them in. From there, users can create additional orders for the operation.
- Available for any third-party system, INSIGHT and Torin.





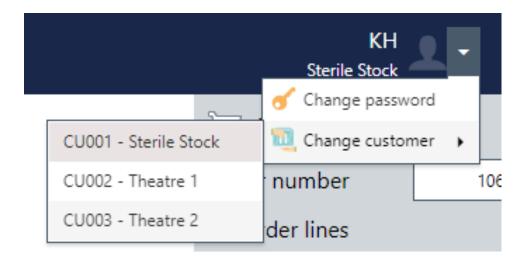


Browser History and Change Customer



You can now use the browser's back and forward buttons as you are used to from other websites.

History is shown by right clicking the back or forward buttons.



You can now Change Customers without the need to Logout



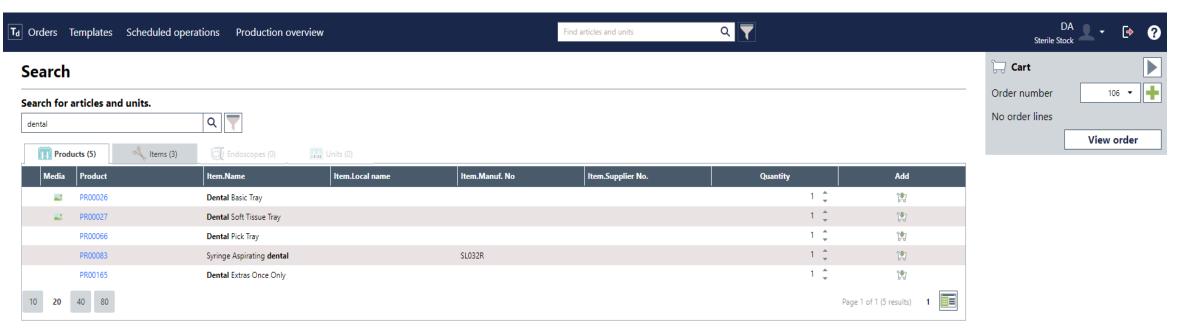
Grid Sections

Ready for use (301)	Packed (34)	Returned (2)	Used (0)	Repaired (0)	Other	(2)		
Fast track	Unit	Serial no.	Name	Location time	Status	Customer	Name	Tag
	206		DispatchArea		Dispatched	OT	Outpatient Treatment	
	207		DispatchArea		Dispatched	OT	Outpatient Treatment	
	1600		Admin (System)		On stock	GS	General Surgery	
	1602		Admin (System)		On stock	GS	General Surgery	
	1603		Admin (System)		On stock	GS	General Surgery	
	1604		Admin (System)		On stock	GS	General Surgery	
	1605		Admin (System)		On stock	GS	General Surgery	
	1606		Admin (System)		On stock	GS	General Surgery	
	1607		Admin (System)		On stock	GS	General Surgery	
	1609		Admin (System)		On stock	GS	General Surgery	

- It is now possible to move columns around (drag-drop). The Web Module will remember these kinds of changes you make from session to session.
- Navigating grids has changed a little in the sense that you now set the number of rows per page to either, 10, 25, 50 or 100 as preferred. This, you do at the bottom of the screen. Navigate through the grids by selecting page numbers.

Search

Search field in the Title Bar



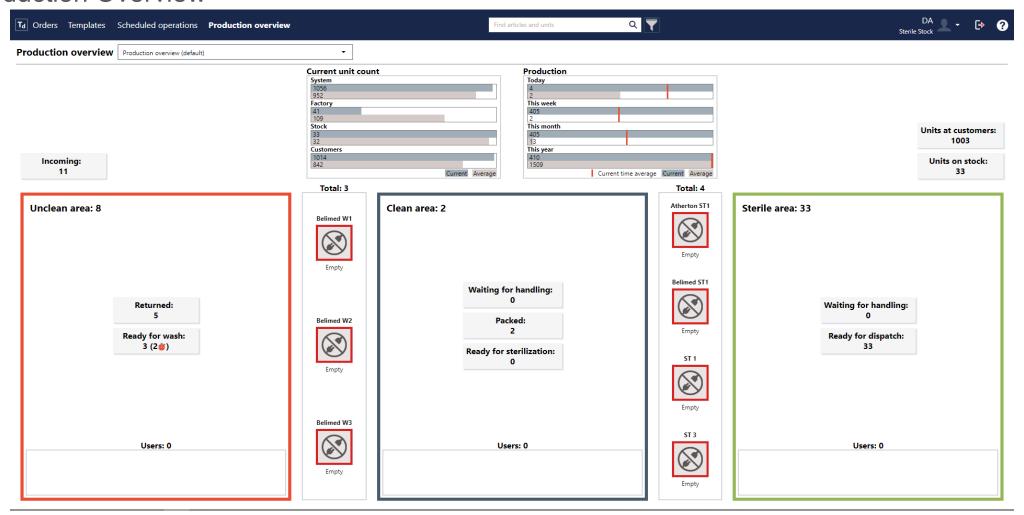
Results shown in Tabbed Pages

Add additional Columns with Selected Fields



User Setting = Can view Production Overview

Production Overview





New MS Reports

New MS Reports

Complexity

- o Complexity by Item Group
- o Complexity by Product Type
- o Complexity by User

Products

o Product list

Units

- o Recall of units (expiry)
- o Unit handling by function
- o Recall of batch
- o Unit documentation
- o Currently dispatched units
- o Return request units

Turnaround times

- o Turnaround times by customer
- o Turnaround times detailed

Production

- o Production overview
- o Production overview Errors
- o Production per customer
- o Production per day
- o Dashboard

Machine utilization

- o Machine utilization with percentage Sterilizer
- o Machine utilization with percentage Washer



New Supported Machines

- New Machine Controllers Supported for Data Logging
- Sterrad/ASP Velocity incubator via ASP ACCESS
- ASP Sterrad sterilizer via ASP ACCESS
- ASPAeroFlexendoscope washer via ASP ACCESS
- ASPEvoTechendoscope washer via ASP ACCESS
- Steris V-PRO maX2 via Connect Assure
- Steris V-PRO S2 via Connect Assure
- Steris AMSCO 600 US via Connect Assure
- Steris AMSCO 3052 via Connect Assure
- Steris AMSCO 5052 via Connect Assure
- Steris AMSCO 7052HP via Connect Assure
- Steris AMSCO 7053L/7053HP via Connect Assure
- Steris Reliance PTX System Endo Washer via Connect Assure

- Steris Celerity Steam Incubator via Connect Assure
- Steris Celerity HP Incubator via Connect Assure
- Steris Vision machine driver updated to support no PDVS file
- Steris Universal Endo Washer machine driver
- Cantel/Medivators CSV endoscope washers
- Steris Celerity Steam Incubator
- Steris Celerity HP Incubator
- Tuttnauer Sterilizers
- Hawo hm 950 sealer
- Steelco TW 3000/4 driver
- Miele PS5662 sterilizer with XML (includes support for zipped files)
- Medisafe PCF Pro Disinfector
- PMT Sterilizer—XML based



New Hardware













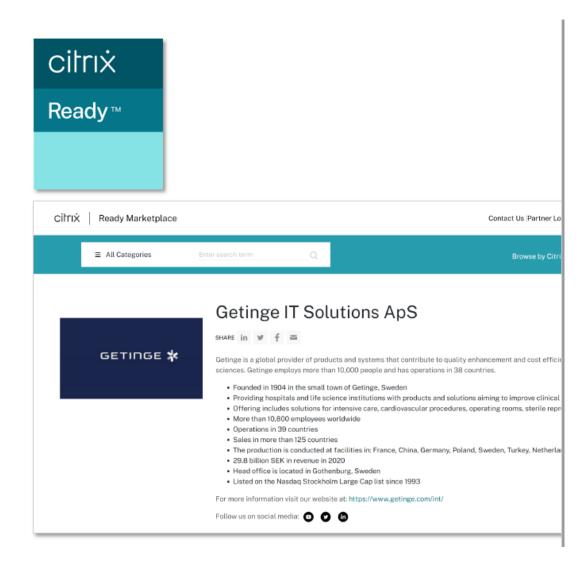
Citrix Ready

Increased T-DOC support for Citrix

Several of our customers utilize Citrix for one or more reasons such as increased security, lower maintenance and/or lower hardware requirements.

Until now T-DOC has only supported running on the Citrix platform in a rudimentary way, and some scenarios have not been supported at all.

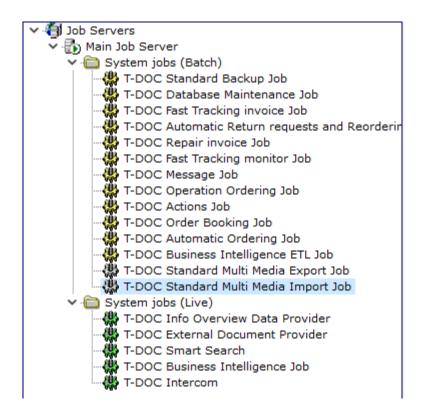
With T-DOC version 17 we have made the required changes and T-DOC is now validated as "Citrix Ready".





Multimedia Export\Import Jobs

Export\Import all T-DOC Data



• The primary purpose for these jobs is to copy Items and their multimedia data from one T-DOC system to another T-DOC System.



Documentation

- Documentation
 - USR10018_02_US What's New in T-DOC v16
 - 86413-T-DOC_version_17_Release
 - This PowerPoint Presentation



Thoughts, Questions, Ideas ???







PASSION FOR LIFE