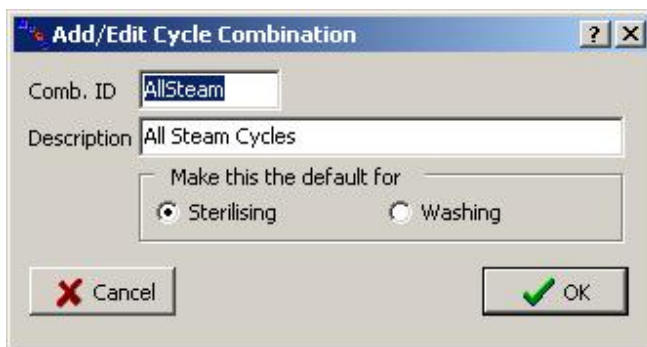## MaQS version 4.1. - 4.1.35 Release Notes

This document details the changes in this release of the MaQS product.

1. Selecting a Default Process for Sterilisation and Washing

    In the Equipment Wizard under Cycle Combinations by selecting a process and clicking *Change*, the following pop-up screen will be displayed.


    The process chosen can be selected as the 'Default' process for future Pack Template Processes. This means when creating a new pack template the information on the Process tab will be automatically updated with the default processes chosen.

    These processes can still be changed if required by opening the Pack Template Process tab and selecting change.

2 New tab when printing labels

The print label screen has a new tab:
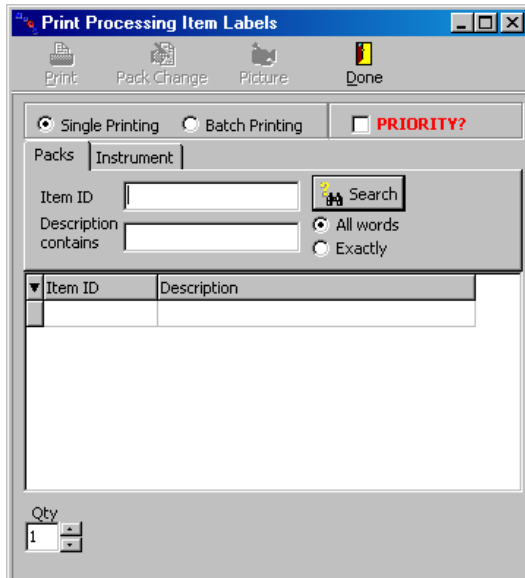
when printing a label by searching for the instrument. This separation from the previous version will remove any confusion when searching via an instrument.

3 Access to Help File.

The 'Help' menu on the MaQS client has been extended to allow access to the online help file and to the 'change history' document.

4 Change instrument quantity in Pack Templates

The Template Contents tab in the Pack templates screen now allows the quantity of an individual instrument template to be changed:
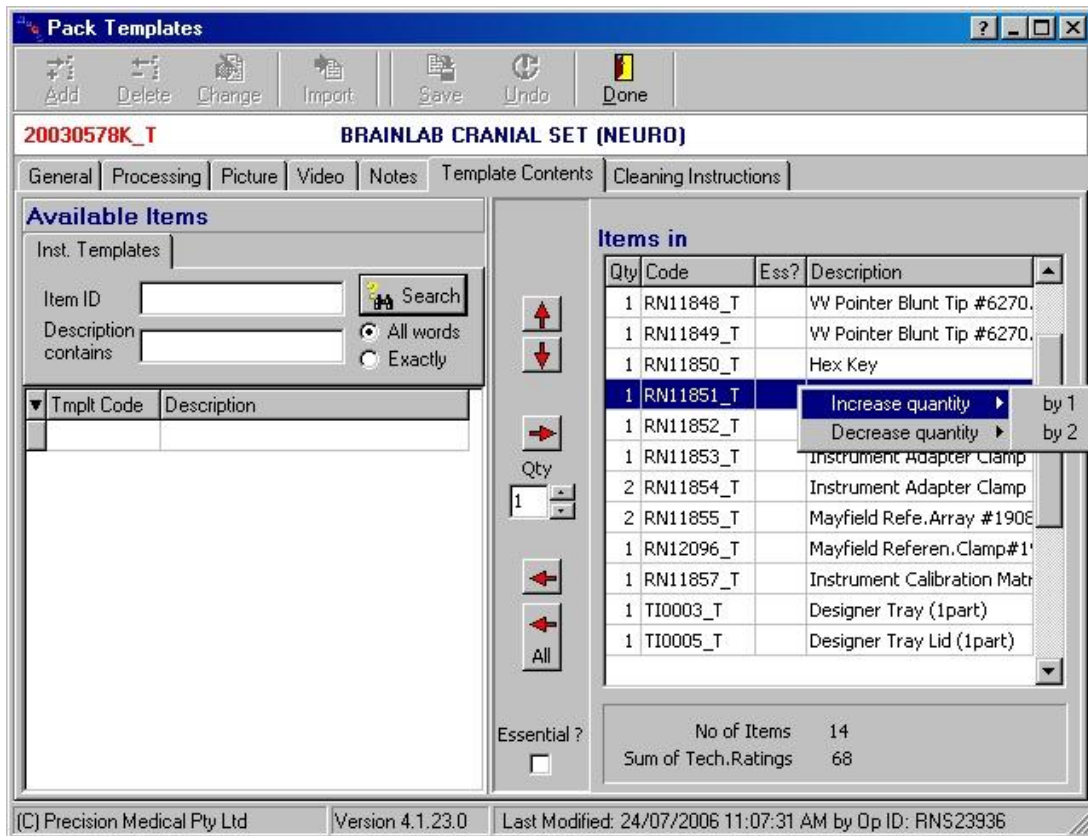
5 Retrieve instrument template details from the Pack Template screen

Double-clicking any instrument template in the 'Template contents' tab of the Pack Template screen will retrieve the details of that Instrument Template.

6 Indicator of no physical instruments

When an instrument template is added to the 'Template contents' tab of the Pack Template screen and the instrument template has no physical instruments, the entry will be shown in *italics*.

7 Installing software for the PDA/Handheld scanner

The 'Handheld/Scanner' menu now has an additional menu item 'Install PDA software' which will initiate the program for installing MaQS software on the scanner. The installation software is deployed to the CEInstaller subdirectory and is used to install MaQS programs on a scanner attached to the PC via Active Sync.

8 Validation of Operator IDs

The desktop scanning application will now ensure that an Operator ID has not been terminated.

9 Changing quantity in Preference Cards

When adding an item to a preference card and that item already exists, the existing item's quantity is incremented instead of creating a new entry in the preference card.

10 Consumable Packs

A Consumable Pack can now be deleted. However, if a subsequent allocation of that pack is made to a patient, it will result in an error.

The 'Remove All' option in Consumable Pack contents now works.

11 Cancel Patient Items

This screen now uses the current year and month as the default.

12 MDLookup Application

Columns in this application can now be sorted in ascending/descending order.

13 Default Quantity value to '1'

The handheld scanning program now sets the value to '1' when entering a quantity.

14 Inventory Management (Buy-Ins/Presterile)

Choose this option in System Settings by placing a tick in the box under Inventory Management if you do not want MaQS to manage inventory. Buy-ins/Pre-sterile items can still be issued to stores and patients without having to first receive items into the issuing store. Inventory reports will not be available if this option is selected.
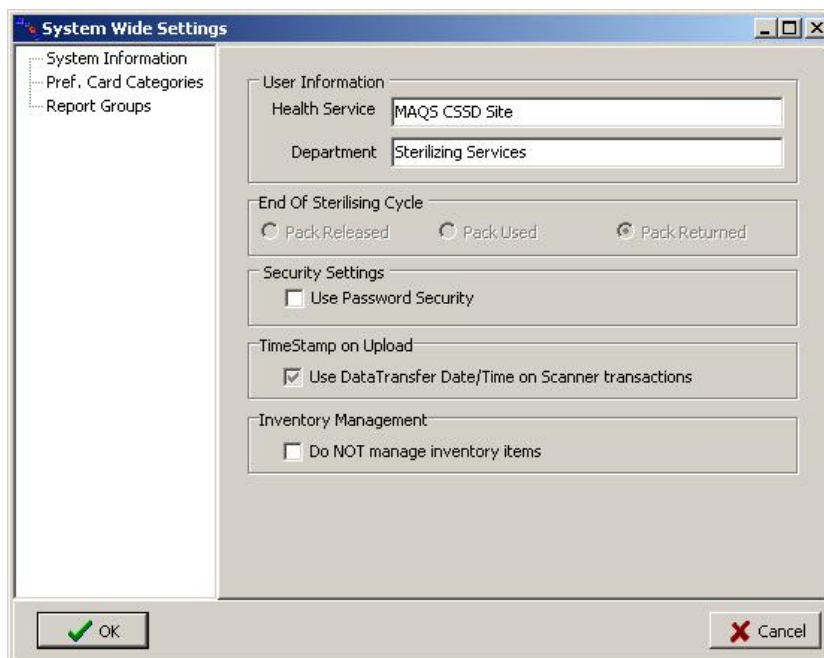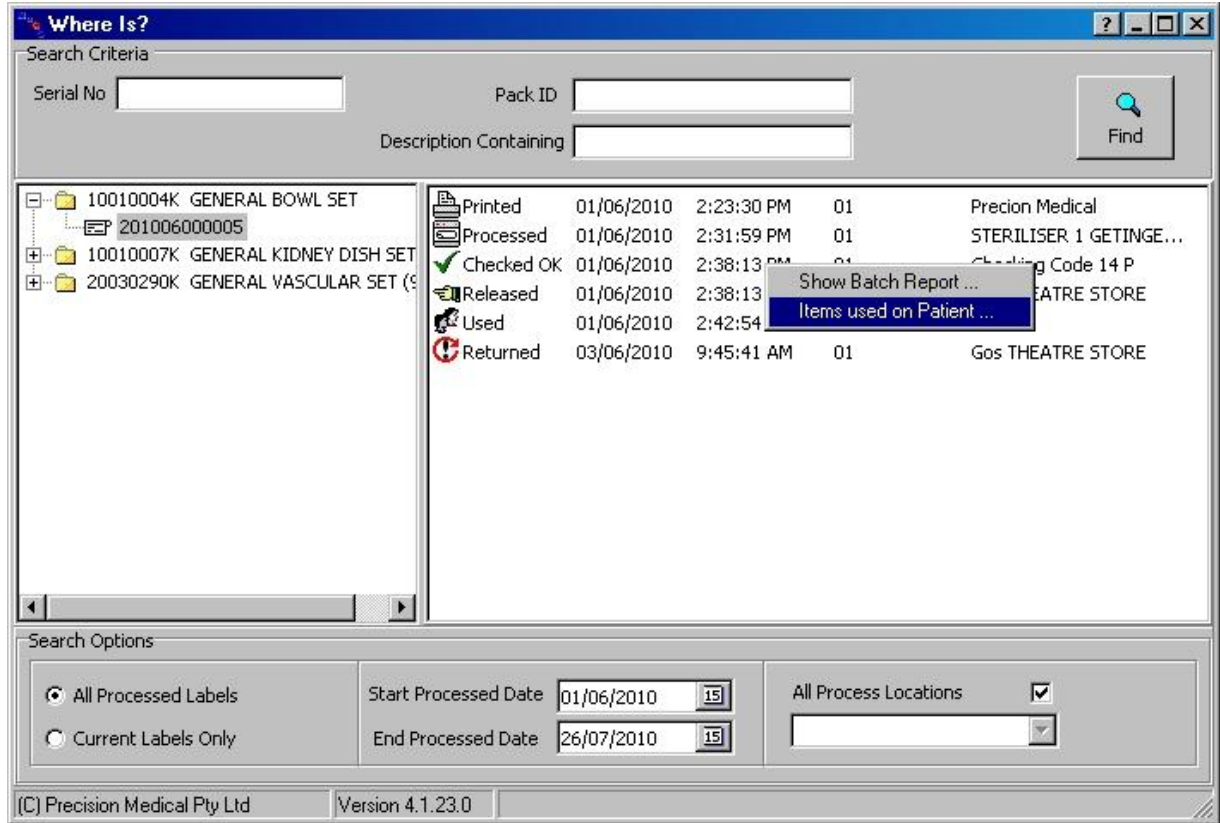

15 Return Reasons and Checking Codes

Both of these options now allow a maximum of twenty Return Reasons and Checking Codes to be used. The scanning screens have been changed to allow the extra items to be shown/selected.

16 Where Is Patient information

The WhereIs screen has been modified to show the Items used on a patient:

17 Images and MaQS

Images of Packs and Instruments are stored in the MaQS database. Images captured by digital cameras are at various resolutions (640x480, 1024x768 etc) and the higher the resolution, the larger the size (in KB or MB) of the image, the more space it occupies in the database and the longer it takes to store into and retrieve from, the database.

For purposes of viewing on screen or for printing in a report, the higher resolutions have no added benefit. In some instances, users have reported being unable to print a report because the image it requires is too big.

When importing images, MaQS will now ensure that the larger images are resized to a resolution of 640x480.

For existing images in MaQS which may be too large, a utility is available which can resize them to the 640x480 resolution:

The utility shows the width and height (resolution) of the image and if it is higher than 640x480, the 'Resize!' button is enabled. Clicking the button will resize the image and update the database.

The utility is available via the new 'Utility' menu on the main MaQS screen.

Images can now be copied and pasted into MaQS. Simply copy the picture and then hit the + in the picture tab.

18 Automatic report after items assigned to patient
When items are scanned to a patient and that data is processed by the DataTrans program (either wirelessly or non-wirelessly), it is now possible to configure MaQS to print a 'Patient Items' report automatically. This means that a few minutes after items have been scanned to a patient in theater, a report of the patient assignment will be available for patient/admin records.

There are two configuration changes needed to make this effective. In the MaQS client System Settings menu, specify the report to be used for the Patient Items:
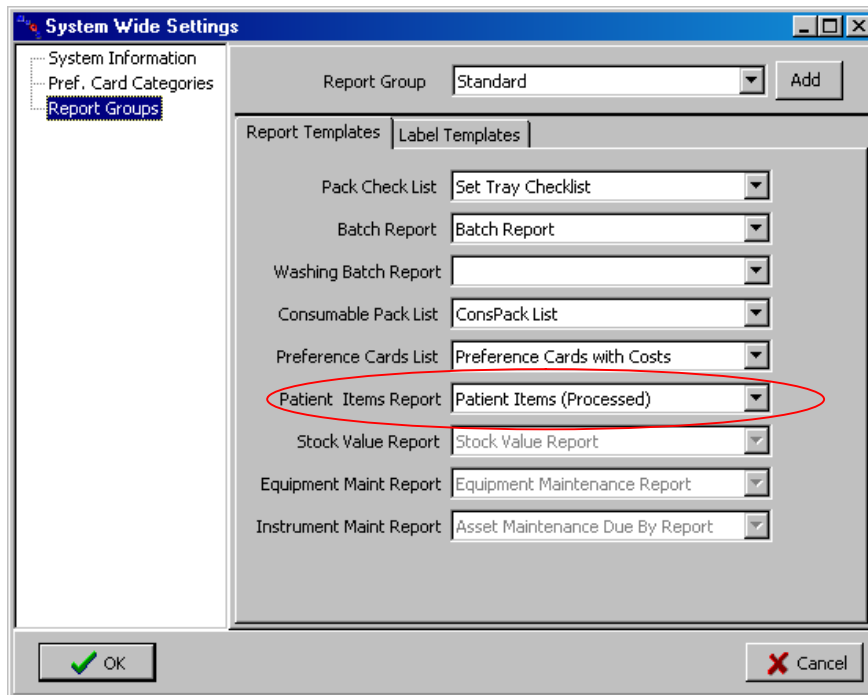
The DataTrans progarm's configuration menu has a further option in the 'Printer Settings' page:
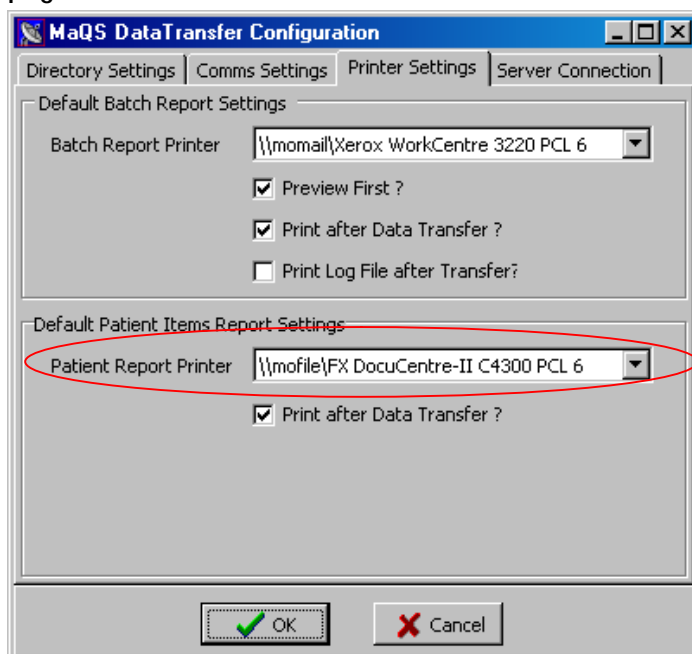
specify the printer name for the patient reports. This allows a DataTrans program running in the CSSD area to print patient reports in the theater area.

19 Messaging

With this release, MaQS offers a method for sending reminders and messages to other MaQS users in your network, e.g between CSSD/SSD and theater:

- Theaters can request CSSD that certain items need to be prioritized
- CSSD can alert theaters about delays or issues with processing

Etc.

To participate in MaQS messaging, go to the 'Messaging' option in 'My PC Setup':
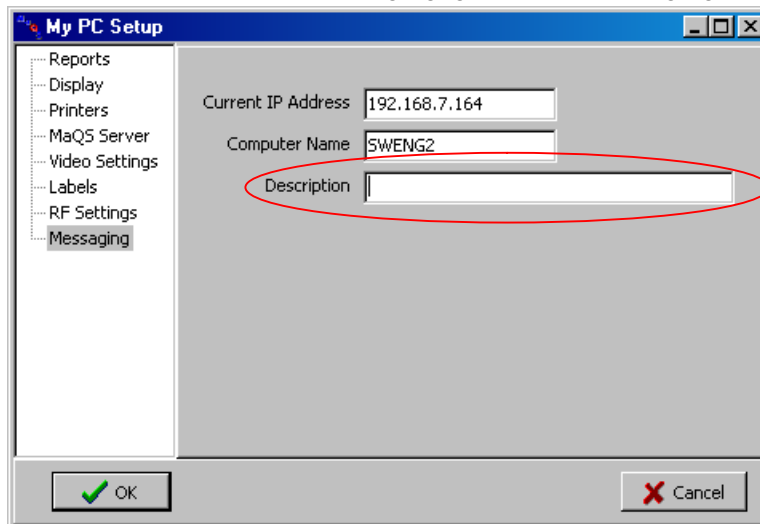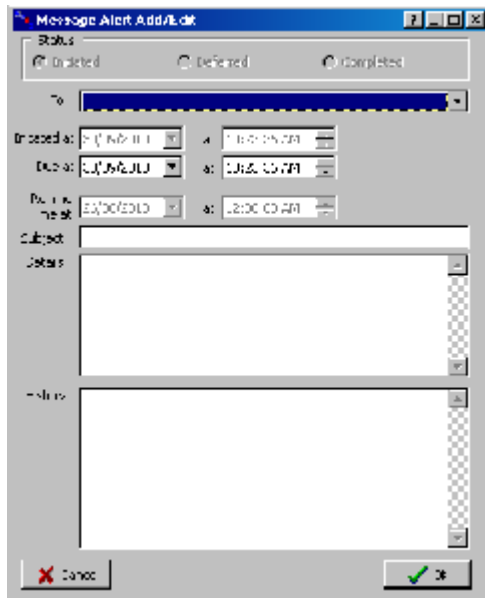
The current IP address and computer name of the PC are shown but the common Description for this PC has to be entered – e,g, CSSD PC1, CSSD Supervisor, Theater Level1 etc. then click 'OK'.

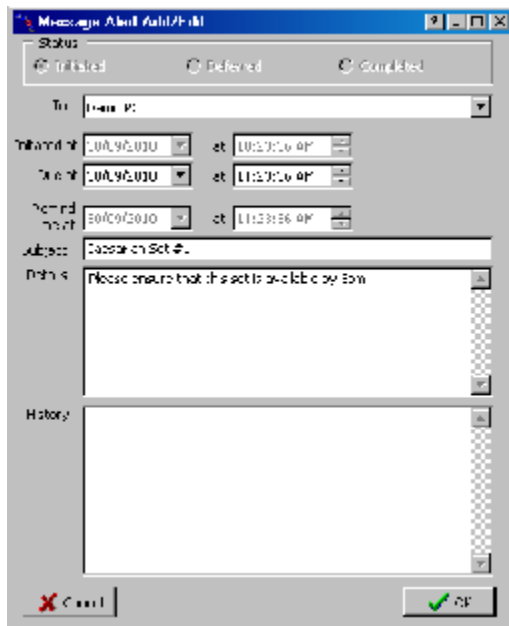The main screen has an additional menu:
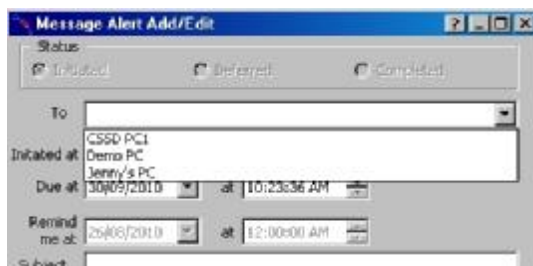
Sending a message

Click 'New Message' to send a message to another MaQS user:

Drop down the 'To' box to select the recipient for this message:

 then enter the date and time for when this

message should be actioned and the Subject and Details as appropriate:

 and click the OK button.

Notification of new/outstanding messages

Within a minute, the recipient PC (which must be running the MaQS client program) will be notified that a message has been received by the appearance of an alert form at the top right hand of their screen, irrespective of when this message is due:

Viewing new/outstanding messages

Click the 'Received/Sent' menu on the main MaQS screen to see messages sent and received. The 'Received | Pending' link shows outstanding messages and messages not yet due:
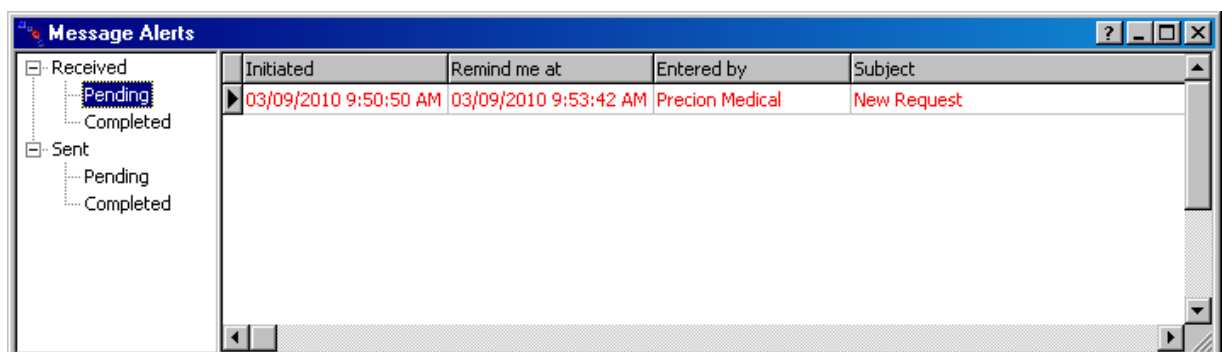
Double-click any message to open it :

The status of this message can be changed to 'Deferred' by changing the 'Remind me at' date and time; it can be set to 'Completed' in which case it is considered closed. When the 'Due at' or 'Remind me at' time is past, further alerts will appear on this PC until the message is completed.

Messages cannot be deleted and the text of 'Subject' and 'Details' cannot be changed.

20 Cleaning Instructions Instrument tab

The 'Cleaning/Decontamination' form now allows an Instrument ID to be entered; it will show the cleaning instructions for the selected instrument.

21 Patient Interface

A special interface has been developed for a MaQS CSSD site between MaQS and the hospital's Patient Administration System (PAS). This ensures that when items are assigned to a patient and a patient MRN is entered, MaQS can check with the PAS to ensure the patient MRN is valid.
This feature can be extended to other MaQS sites. Technical details are available on request.

22. Pack Maintenance.

Pack maintenance is now a separate function under role management allowing operators to have access to perform maintenance without the ability to alter actual pack details.

23. Non Sterile Implants

A new feature has been added to the buy-in screen to better handle non-sterile implants. This allows the capture of both the processing cost as well as the implant cost which can be linked to the patient via the new checklist format.