



# **Document Management User Guide**

## For the attention of SystmOne users:

This document explains how to use the Document Management functionality once the setup has been completed.

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## Beginning to Scan

It is very important that you only use ONE PC as a Gateway, if you change the Gateway PC it will result in images being unavailable and you will be unable to process them.

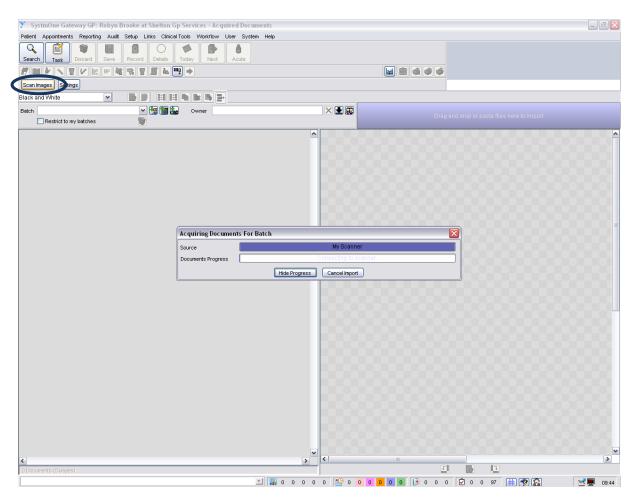
The following file types are supported by SystmOne:

TIFF/TIF, JPEG/JPG, GIF, BMP, PNG, PDF

There are different ways of getting scans onto SystmOne:

1. Directly from a scanner

To scan directly from your computer go to Workflow > Document Management > Acquired Documents. Select your Predefined Scanner Setting that is appropriate for the document and click Scan Images, the document will be scanned in using the setting you have chosen.



Alternatively, you can select Custom > Scan Images if none of your predefined setting are appropriate.

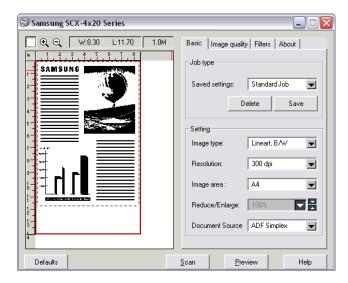






Enter a Batch name and select Use this Device, you will then be able to choose the scan settings for your document. Note how the scanner has your chosen name and is called a 'Device' on this dialog, this indicates that you are scanning from your scanner.

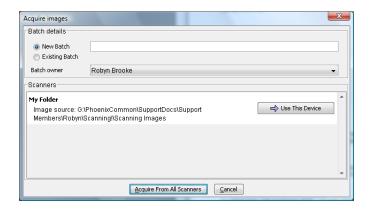
Click Scan and your document will appear on the Acquired Document screen.



#### 2. Directly from a folder

To scan directly from a folder on your computer go to Workflow > Document Management > Acquired Documents. Make sure that you have set up a source folder in your Settings and then click Scan Images.

Enter a Batch name and select Use this Device. Note how the scanner has your chosen name and is now called an 'Image source' on this dialog, this indicates that you are scanning from a folder on the computer.

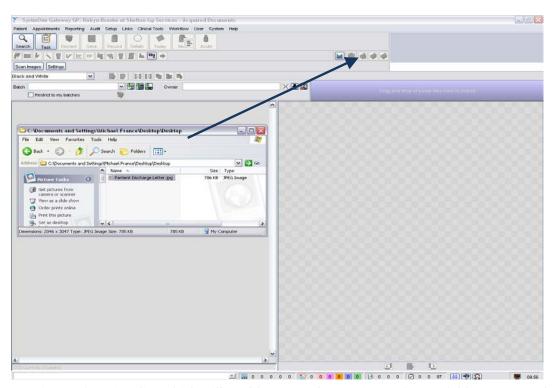








#### 3. Drag and Drop



Drag and

Drop is new functionality which will enable you to drag an image from a folder on your PC into the Acquired Documents screen and begin processing it. Simply select the document and drag it onto the lilac bar on the top right hand side of the Acquired Documents screen. You can also use the keyboard shortcuts for copy (Ctrl+C) and paste (Ctrl+V) which will copy and paste your images on to the Acquired Documents screen, make sure you paste/drop the document onto the lilac bar or it won't work.

If you have multiple documents you can drag and drop these in one go or even drag and drop the entire folder.

In all of these ways you are able to set the owner of the scan, assign that scan to an existing batch or give that new batch a name. Once you have assigned a batch to an owner, only that person will be able to work on that batch unless you choose to assign a new owner.

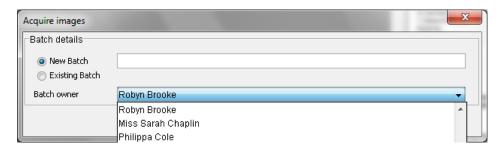




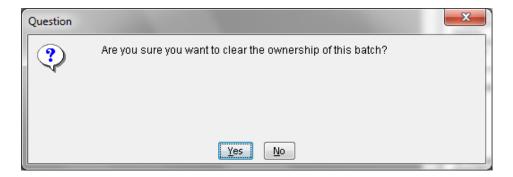
## Assigning the scan

The concept of assigning a scan is important in Document Management as only the staff member that the scan or batch is assigned to will be able to work on it. When initially scanning a document into Document Management you can set the Batch owner on the Acquired images dialog, the user that is logged in will default to being the Batch owner.

The owner of a scan can be reassigned by selecting a different staff member or left blank to be reassigned later from the batch owner drop down menu.



Once the document has been scanned, you can clear the Batch owner from the Acquired Documents screen by clicking on the cross . You will be asked 'Are you sure you want to clear ownership of the batch?' and will have to confirm before the Batch owner is cleared.



You can then allocate yourself as the owner of the batch by clicking on the down arrow or alternatively select the icon for 'Select a member of staff to take ownership' this will allow you to assign this batch to another member of staff at the unit.



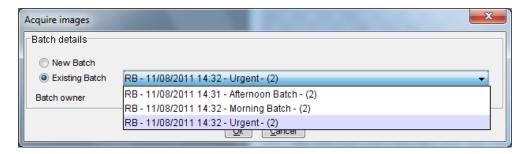
You can also add to an existing batch, this can be done at the point of scanning the document, where instead of choosing a name for your batch and an owner you simply select the radio button



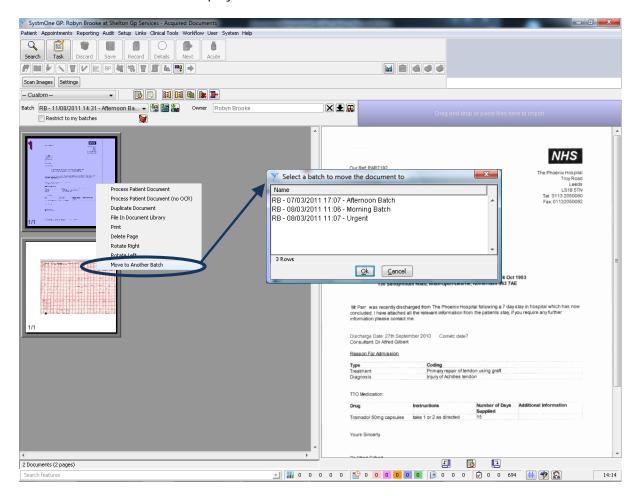




for Existing Batch and choose from the drop down list of available batches and how many documents there are in them.



A document can also be added to an existing batch when it has already been scanned in. To do this you can right click on a scan on the Acquired Documents screen and select Move to Another Batch, you can then choose which batch you like to move the document to. The document will then move to the chosen batch and will display at the bottom of that batch.



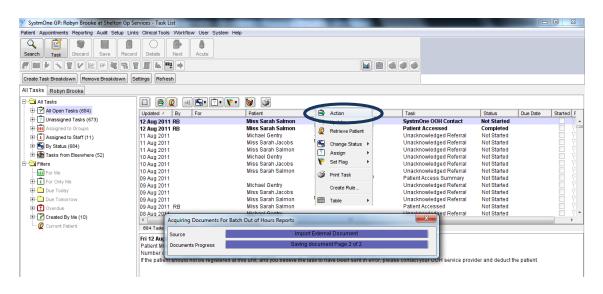


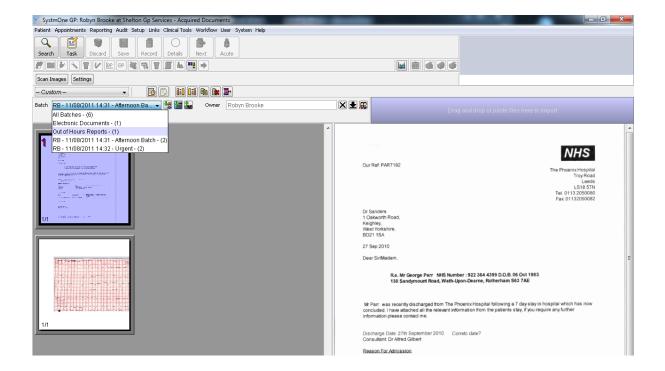




## **OOH and Discharge Letters**

If you have the Organisation Preference enabled to 'use the Document Management module for received out of hours report and hospital letter tasks' then once you action the task you will see the Document Management progress bar. Once this has completed your task, it will move the document to either the Out of Hours or the Electronic Documents batch in the Acquired Documents screen for you to process.











## Organising your batches

Next to the Batch drop down bar you will see the following icons. These icons perform different actions and will help to organise your batches.



Sort batches by staff. This will order the list of batches alphabetically by the staff initials. With the arrow facing down, the list will be ordered by the staff member's last inital A-Z, and with the arrow facing up, the list will be ordered by the staff member's last inital Z-A.



Sort batches by date. This will order the list of batches by the creation date. With the arrow facing down the list will be ordered by oldest - newest and with the arrow facing up the list will be sorted newest - oldest.



Sort batches by name. This will order the list of batches alphabetically by the name given to the batch. With the arrow facing down the list will be ordered A-Z and with the arrow facing up the list will be ordered Z-A.



Delete all documents in the current batch. This will delete the batch and all of its contents.

You can have lots of different scanned letters in one batch and they do not necessarily have to be for the same patient, which means that you can go back to your batch once you have finished with one scan and begin to process the next. However, as batches cannot be worked on by more than one member of staff it is advisable that you only put a sensible amount of scans in one batch as it is designed to reflect one person's workload.

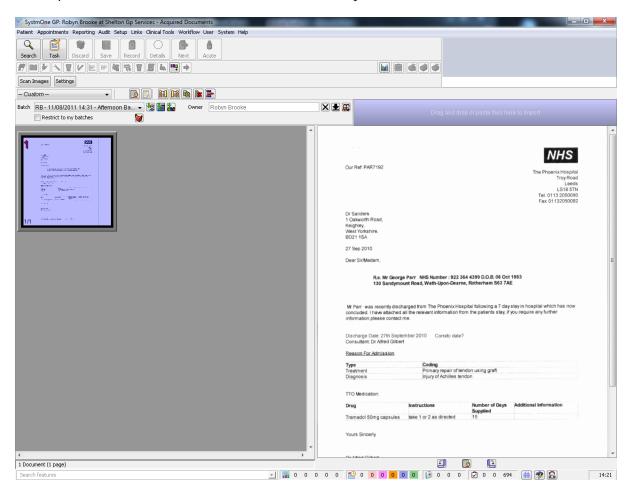






## **Processing a Scan**

The Acquired Documents screen, shown below, is where your scan will sit.



From this screen you have the following options in the form of an icon or a right click option:

1. To rotate your scans left and right

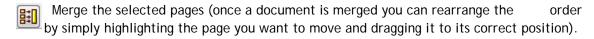


Rotate to the left



Rotate to the right

2. To merge and separate pages



Unmerge the selected pages.







3. To duplicate the selected document



Duplicate the selected document (you must either be the Gateway PC or be attached to the Gateway PC to duplicate documents).

4. To delete the selected pages



Delete the selected pages.

5. To add the document you have selected to an existing batch



Add the selected documents to an existing batch.

6. To add the document to the Document Library



File the selected document in the organisation Document Library. The Document Library can be used to store any documents that do not need to be filed to a patient. The Document Library is located in Workflow > Document Management > Document Library.

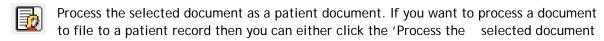
Zoom in
Zoom out
Fit width
Fit page
Print

7. When you right click on the letter you have different options on how you would like to view the letter; zoom in, zoom out, fit to width or fit to page. This can be done from any screen which has a scanned document from Document Management.

8. If you have multiple documents in your batch and you would like to merge them together you can use the shortcut 'Ctrl+A' (which will highlight all the documents), select the icon for merge together and then select 'Ctrl+Enter' (which will process the document). Make sure that the documents are already in the correct order before doing this as you will not be able to rearrange them during the next stage.

Move to Another Batch

- 9. To move an image to another batch Move the image to another batch which you can choose from a list.
- 8. To process the selected document as a patient document

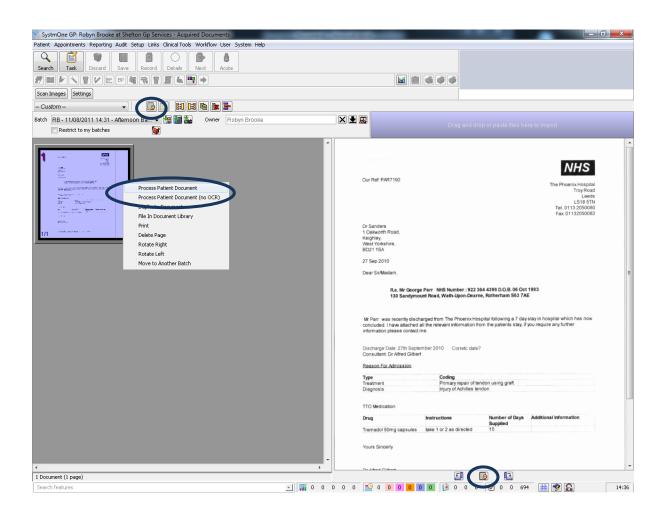




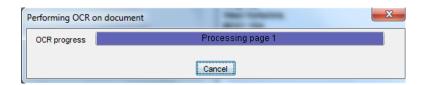




as a patient document' icon or use the right click option 'Process Patient Document'. Alternatively, if the document does not require OCR then you can use the 'Process Patient Document (no OCR)'



Once you have selected Process Patient Document you will see a loading bar which is OCR 'reading' the document.



You will automatically be taken to the Scanned Document Update screen to continue processing the scan once OCR is completed.



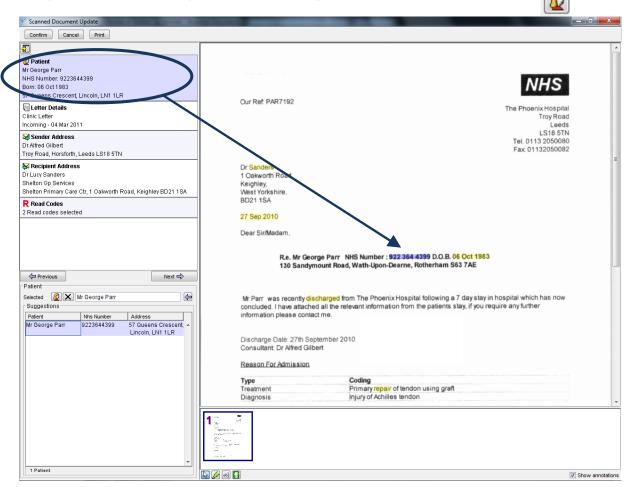




# Scanned Document Update (OCR Results)

The Scanned Document Update screen displays the results from the OCR and the rules you have previously set via the Scanning Rules screen. These results are shown on the left side of the screen.

OCR will attempt to match the patient in the letter to a record on SystmOne using their NHS number, date of birth and surname. Any other possible patients will be listed in the Suggestions section at the bottom details panel for you to choose from. If none of the suggestions are correct then you can search manually for the patient using the button within this panel.



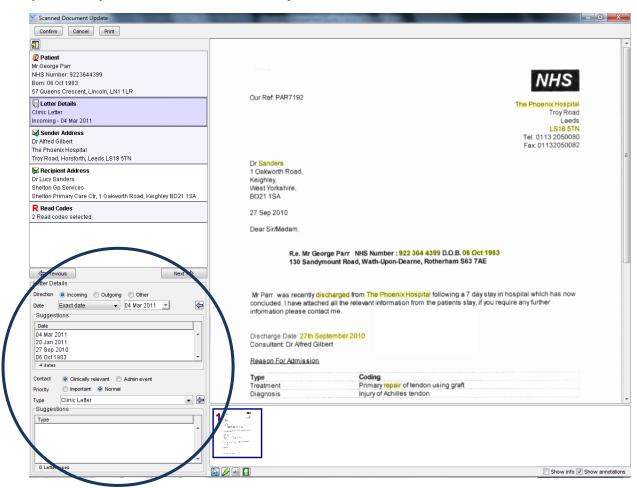
OCR will attempt to match the letter details to any Letter Rules that have been previously set up in Scanning Rules. It will also look for any dates in the letter and offer them as a suggestion for you to use. If OCR cannot find any dates then it will automatically choose today's date as the date for the letter (as long as you have the User Preference enabled).

You have the option in the panel below to mark the letter as either Clinically Relevant, Admin Event, Important or Normal. This will then display in the Communications and Letters node and the New Journal.







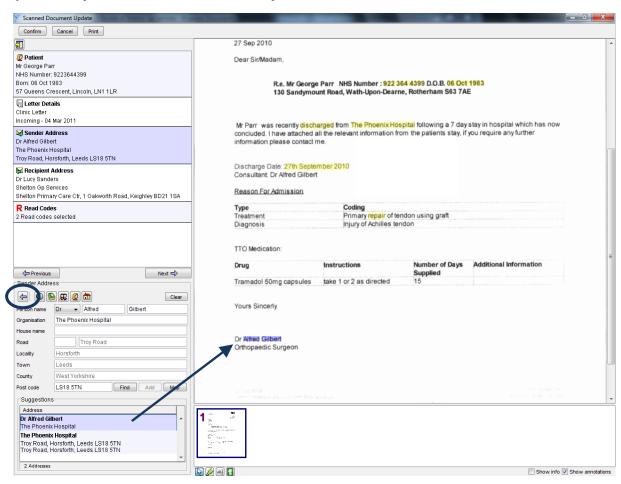


OCR will attempt to match the sender details from your address book; this will need to be kept up to date in order for the functionality to work to its full potential. OCR will also attempt to match the recipient details from the F4 Directory.

In the event of multiple addresses found using OCR for both sender and recipient address, you will be given a list at the bottom of the screen to choose from, click on the correct address (this will be highlighed in lilac on the letter so you know where OCR got it from). You will then need to click on the purple arrow or double click the address to insert it into the correct field.







You have several buttons which allow you to enter addresses quickly if they have not been picked up by OCR:



Use someone in your address book



Use someone from the organisation directory



Use patient details



Use organisation details



Use your organisation default

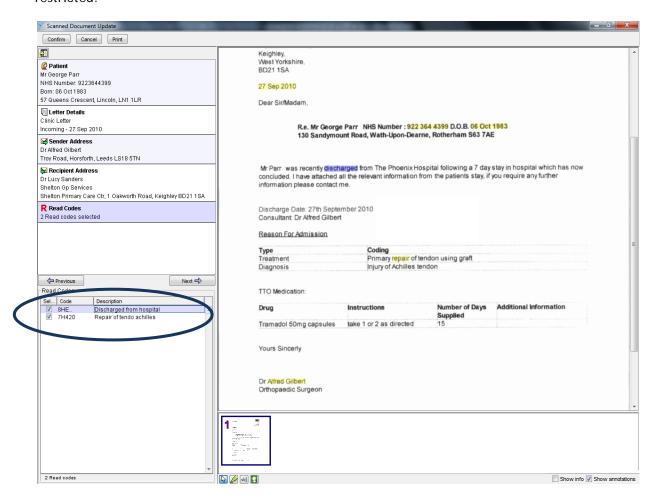
OCR will attempt to match the Read codes to the OCR Rules set up previously in Setup > Data Entry > Scanning Rules. You can remove a Read code by deselecting the box at the bottom of the screen. Do not worry if nothing is picked up, it may be because your access rights have you restricted to







Read Code Formularies. This can be corrected during the next stage by someone who isn't restricted.



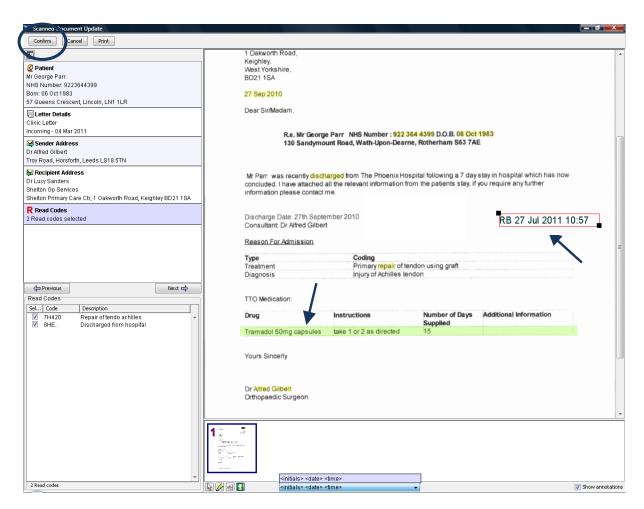
To access any of the sections on the details pane you can use the 'Previous' and 'Next' buttons or the keyboard shortcut of shift and use the arrow keys up or down to move around the details pane.

Using the tool bar at the bottom of the screen you can annotate, highlight, and add stamps which were created in Organisation Preferences, to the scan.

To add your predefined stamps to the scan click on the icon and select the stamp you want to use, then click anywhere on the page. If you are not happy with the position of your stamp select the arrow icon on the bottom toolbar and then move your stamp.







When you click the Confirm button, you are confirming that you are happy with the:

- 1. Letter details -including the date and direction of the letter
- 2. Layout e.g. quality and positioning of the scan

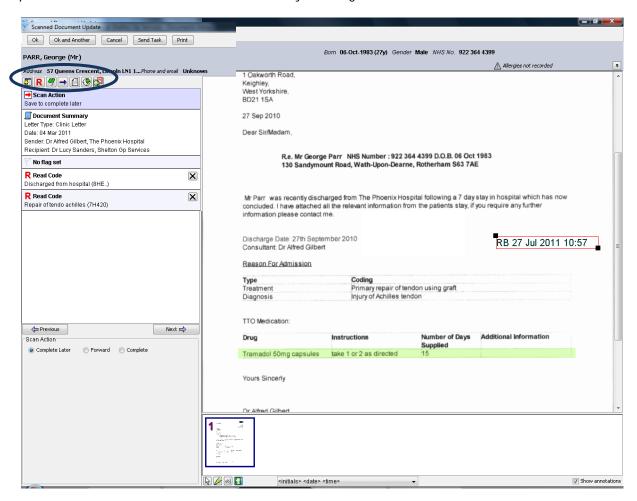
All these details, with the exception of the Read codes, will then be saved to the patient record into Communications and Letters node <u>so you must ensure these are correct</u>. You will be able to add or alter Read codes at a later stage.





## **Scanned Document Update 2**

After pressing Confirm, you will be automatically taken to the second Scanned Document Update screen. This screen gives you the option to add more Read codes, problems, link to referrals and problem headers, notes and record the activity, set flags and send a task.



To enter a new Read code and/or update an existing Read code found with your rules:

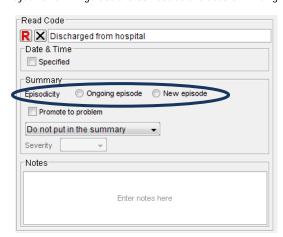


- 1. Click on the Read code icon at the top of the screen which will launch the Read code browser, search for the Read code and click Ok.
- 2. This will then enter the new Read code in the top panel
- 3. If a Read Code is already present in the patient's record, the episodicity will default to 'Ongoing episode'. If the Read Code is not present in the patient's record then the episodicity will default to 'New episode'.
- 4. If you want to promote the Read code to a problem, tick the box and it will become a problem.

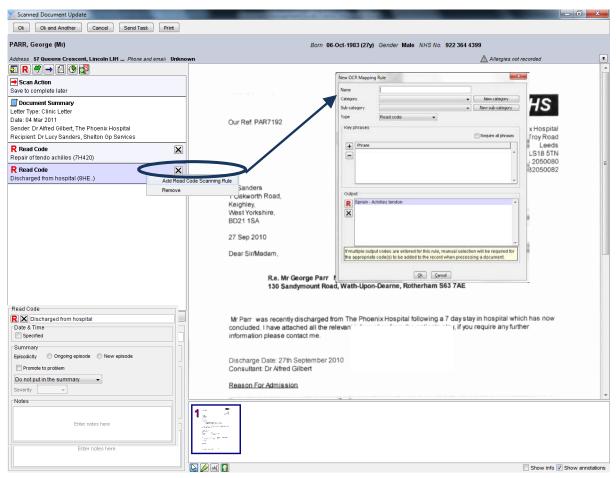








5. If you want to make this Read Code a permanent scanning rule you can right click on it and choose to Add Read Code Scanning Rule. This will then bring up the OCR Mapping Rule screen where you will need to enter a name and a phrase for your new rule.



6. The bottom panel will change so you can specify the exact details about the Read code such as the episodicity, date and time and notes.





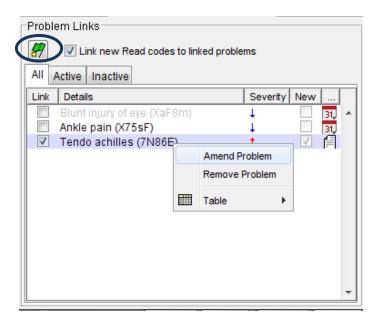


7. To remove a Read code from this screen, right click and choose to remove or click the button.

To create or link to an existing problem:



- 1. Click on the problem flag icon at the top of the screen.
- 2. The bottom panel will change to show all the patient's Active and Inactive problems in separate tabs. To select a problem to add to the scanned document, ensure the 'Link' tick box is selected.
- You can also choose to create a new problem by clicking on the 'new problem icon'.
   Using the right click option you can remove or amend any new problem you have created.



- 4. There is a tick box for 'Link new Read codes to linked problems', this will automatically link all new Read codes which have been added to the letter to all the problems that you choose to tick. If you do not want all the new Read codes to be linked to the selected problems, then simply untick the box.
- 5. There is a section for Notes and Duration, which displays any notes made against the problem and the start and finish date of the problem. You can see any details entered by hovering over the icons in the section.

To link to an existing or ended referral:



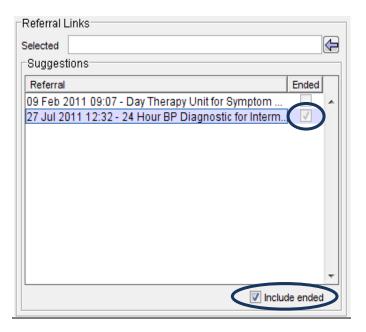
1. Click on the referral icon at the top of the screen.







- 2. The bottom panel will change to show any existing referrals you can link the document to, please note that you can only link to referrals in to the organisation, select the referral you want to link the letter to and click the arrow to add it to the scanned document.
- 3. You can link the scan to an ended referral by ticking the 'Include ended' box at the bottom of the panel. Any ended referrals will then appear in the suggestions box with a tick next to them to highlight that they are ended.



To add a new note:



- 1. Click on the note icon at the top of the screen.
- 2. The bottom panel will change to become a notes field where you can enter any notes about the letter that you want to appear in the New Journal.

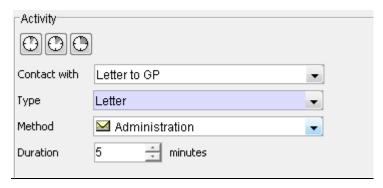
To record a new activity:



- 1. Click on the activity icon at the top of the screen.
- 2. The bottom panel will change to become the activity details box







3. Fill in the appropriate details, or if you have set your User Preference to default to a particular contact then all you need to do is click on one of the clock icons which each denote a time, either 5, 10 or 15 minutes.

To perform OCR to look for Read Codes:



If the person who initially processed the scan did not have the correct access rights in order to enter Read Codes then you can perform OCR at this stage to look for Read Codes.

- 1. Click on the 'Find Read Codes in the document via OCR' button.
- 2. OCR will then look for any Read Code Scanning Rules and enter then against the scan.

To assign a flag:



You can assign a flag and it will display next to the scan in the Documents Inbox.

- 1. Click on the 'No Flag Selected' section,
- 2. The bottom panel will change to display the flags and their descriptions.
- 3. Double click on a flag and it will move to the top section.

#### To send a Task:

If you want to send a task to another member of staff from within Document Management then click on the <code>SendTask</code> button. This will open up a normal task and works in the same way as tasks in the rest of SystmOne.

What to do next:

Click on Scan Action at the top of the screen.



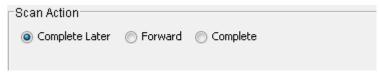






If you have selected a User Preference the Scan Action will be defaulted to the preference you have chosen. If you have not selected a particular User Preference then it will default to Complete Later. In either case you can change the Scan Action manually.

Under Scan Action you have the following options:



- 1. Complete Later by choosing 'Complete Later' you are saving the work you have. You can pick it up again on the 'Documents Inbox' screen.
- 2. Forward forwarding the scan gives you the ability to pass it to another member of staff to work on.
- 3. Complete completing the scan means that all the problems, Read codes and notes etc will be filed to the patient record in the New Journal. You can also send a task at this point by using the Send Task button at the top of the screen.





## **Forwarding**

The concept of 'forwarding' in Document Management is similar to the workflow of tasks on the old scanning module. You can forward the scan onto other recipients allowing them to continue to process the scan.

- 1. Select Forward as your Scan Action.
- 2. If you have set up your Favourite Forwarding List then the staff members or groups you have chosen will be bookmarked with their initials. You can then select the bookmark which will then add them to your forwarding list. You will be able to see which staff members are in your favourite forwarding group by clicking on the magnifying glass icon when you have the 'Group' radio button selected.





3. If you need to select a different member of staff then select the drop down bar, select the staff members name and click the button to add them to your forwarding list. You can forward the scan to as many relevant people as you want, and attach a note as well.

If you have sent the document to more than one person then these people will be able to view and add items to the scan, but they will not be able to see each other's additions (if any have been made) until they have filed in to the patient record. The document can then be viewed in the Communications and Letters node as one scanned image.

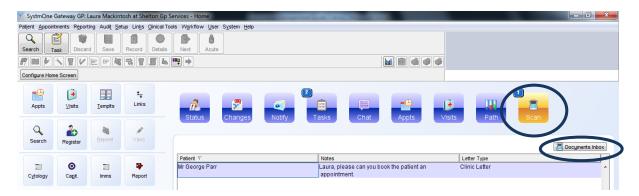




#### **Documents Inbox**

Once the document has been forwarded it will be sent to the Documents Inbox where you can view all forwarded scans, as well as documents that have been marked as 'Complete Later'.

The Documents Inbox screen is located under Workflow > Document Management > Documents Inbox, or alternatively, on the new Home Screen you will have an icon for 'Scan', the number in the top left hand corner of the icon indicates the number of documents in the Documents Inbox which have been allocated to you.



By clicking on the Scan button you will see a list of scans that have been assigned to you and by clicking on the Documents Inbox button you will be taken to the Inbox to process the scan. You can also process the scan from the Home screen by using the right click option and selecting 'Process update'.

In the Documents Inbox you can view documents for any recipient, including yourself, by clicking on the relevant radio button. You do not need to enter a date into any of the date search filters, so you can search for all documents without a constraint. You also have options to include deleted scans, include completed scans and restrict to current patient. With all these filters and options the Documents Inbox can become an important tool when searching for documents.

If a scan has not been sent to you but you wish to process it there is nothing to stop you from doing this. Please remember to click the refresh button each time you make a change to the filter otherwise you won't see the updated changes.





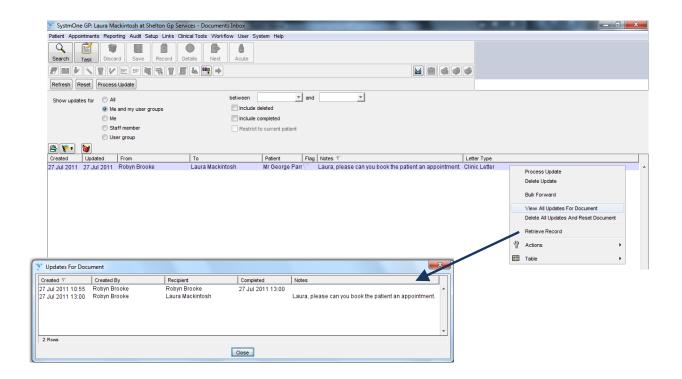




You are able to assign a scan a coloured flag which can be used at your discretion for any reason and the names can be configured via Organisation Preferences > Scanning > Flags. To assign a flag select the flag icon and choose the colour/description you want, this will then display in the Flag column which is orderable.

There is also an option to Bulk Forward scans from the Document Inbox. Highlight the scans you want to bulk forward, right click and choose to Bulk Forward. You will then be asked to choose a staff member or group to bulk forward to.

You can view all updates for the scan using a right click option and selecting View All Updates for Document, this shows an audit trail for who has been sent the scan and any notes that were entered when the document was forwarded.

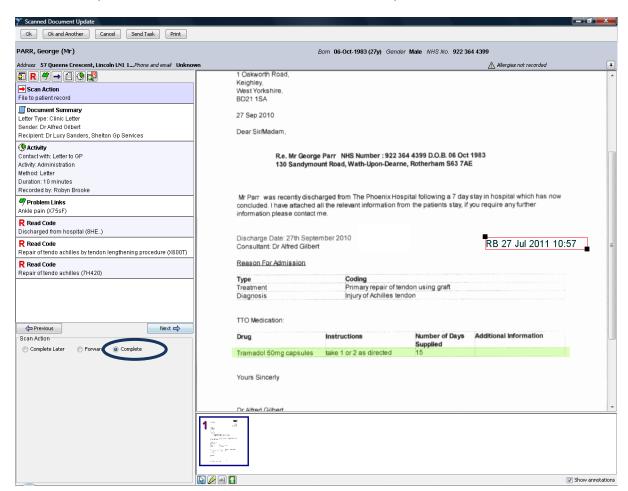






## Completing a scan

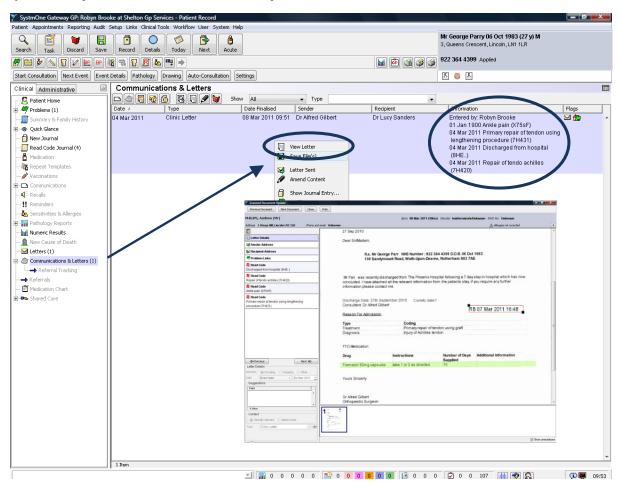
Once you have processed your update and finished working on the scan, you need to set the Scan Action to Complete. This will file all the details entered to the patient record.



The scanned document can now be viewed from the Communication and Letters node by right clicking and selecting View letter. On this right click you also have the option to save the letter to your computer. You can see what information was entered against the letter at a glance by looking at the Information heading.







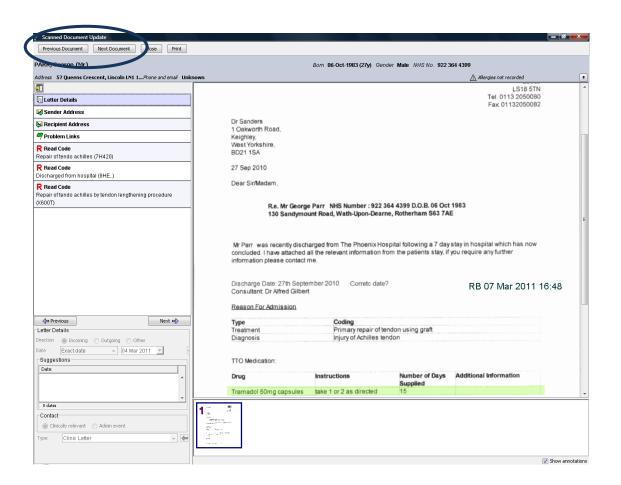
You are also able to mark a letter as important from the patient record if the scan was not marked as important during the Document Management workflow. To do this simply right click on the letter and select 'Amend Details' and then 'Priority Important'. Also on this menu you can amend the letter type and the direction of the letter (incoming, outgoing or other).







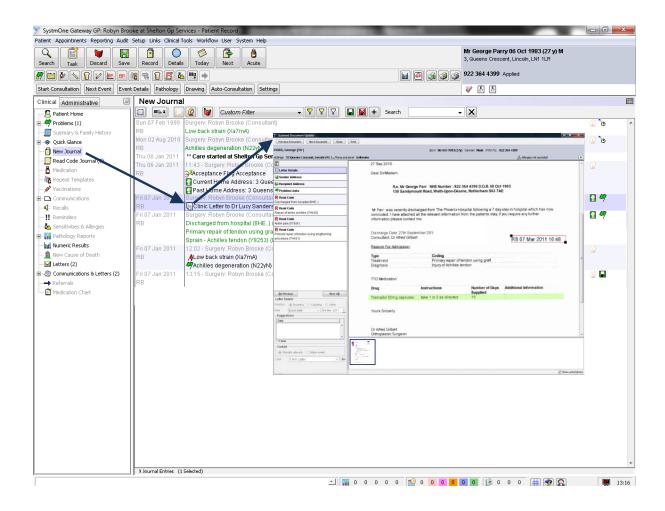
You can navigate through a patient's scanned documents using the Previous Document and Next Document buttons. This will cycle through the documents in chronological order and let you look back at previously received documents.







The scanned document can also be viewed by right clicking on the letter image in the New Journal.



In the New Journal you will be able to see who has entered specific information to the scanned document such as Read codes, problems and who has filed the completed scan to the Patient Record. This is detailed below:







Entered By This will always show who completed the finished scan. i.e. the person who

is responsible for the information appearing in the record (not necessarily

the person who recorded the information).

Event Done By This shows the staff member who has recorded the information contained

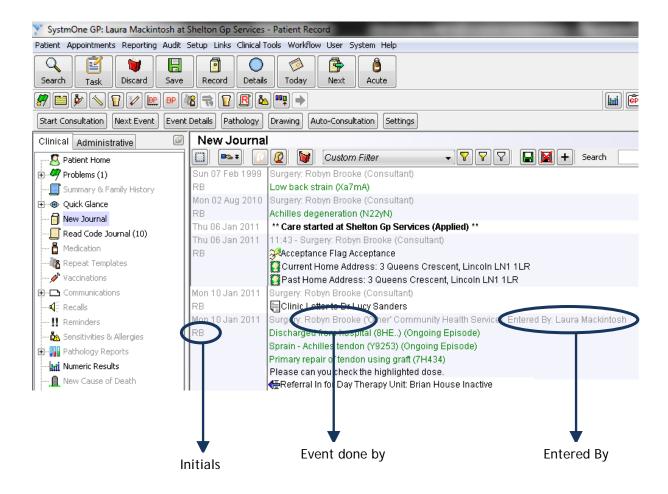
in the consultation. i.e. the person who used the Document Management

functionality to add the Read codes.

Initials The initials that appear for any consultation created when an image is

processed and subsequently completed will always show the initials of the

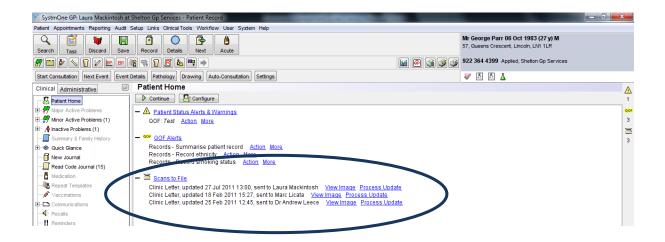
user who initially confirmed the letter to the record.







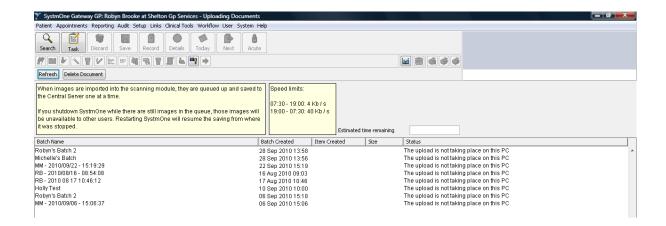
On the Patient Home you are able to see any scans relating to the patient which have not yet been completed. By clicking View Image you will be able to see the letter, by clicking Scans to File you will be taken to the Document Inbox or you can click Process Update to begin processing it.



## **Uploading Documents Screen**

The Uploading Documents Screen is located under Workflow > Document Management > Uploading Documents.

This screen shows all the documents that are currently uploading to the server. If you shut down the Gateway PC while there are still images in the queue, those images will be unavailable to other users. Restarting the SystmOne Gateway PC will resume the uploading from where it was stopped.









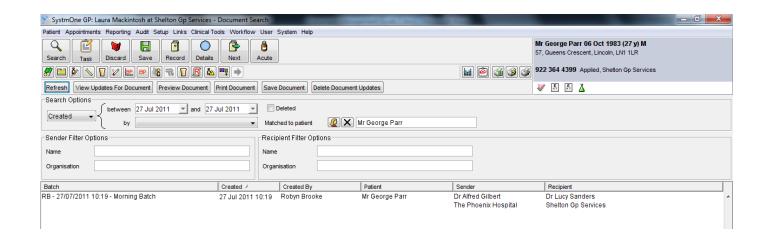
#### **Document Search**

The Document Search screen is located under Workflow > Document Management > Document Search.

On this screen you can search for any document using the following filters and options:

- Created
- Deleted
- Processed
- Staff member
- Sender name or organisation
- Recipient name or organisation
- Patient

By highlighting a scan and clicking on the Delete Document Updates button you will delete all the forwards that were created and you will receive a message telling you to check the patient record to ensure it is correct. The scan will then return to the Acquired Documents screen.





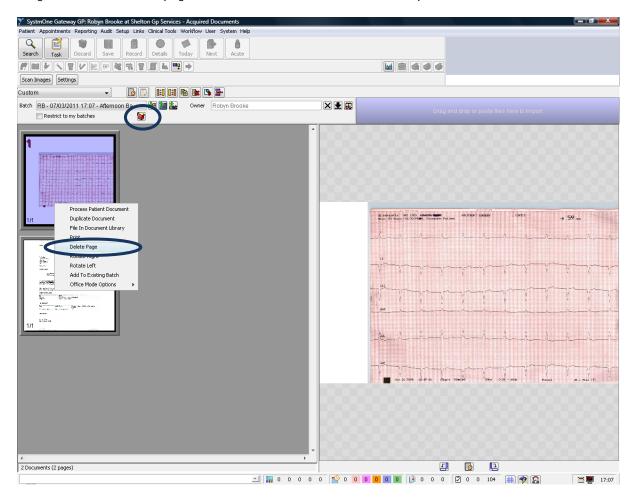




#### To Delete a Scanned Document

Scanned documents can be deleted from the following screens as described below:

1. From the Workflow > Document Management > Acquired Documents screen, right click on the image and select Delete page or use the icon next to the Batch drop down menu.

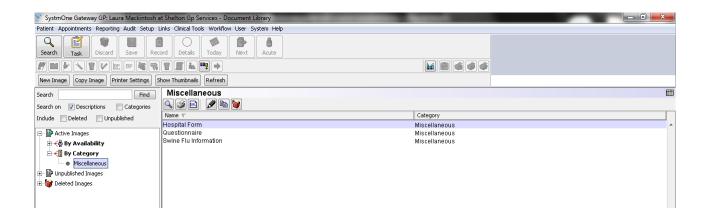




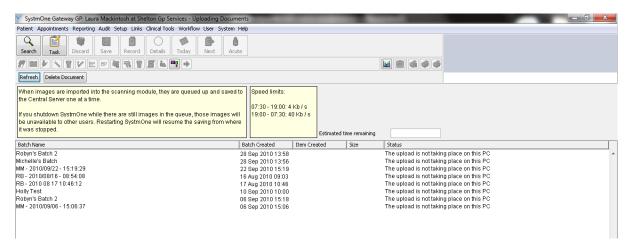




2. From the Workflow > Document Management > Document Library screen, right click on the image and select Delete image or use the icon.



3. From Workflow > Document Management > Uploading Documents screen, right click on a document and select Delete document. This will stop the document from being uploaded when the Gateway is next opened.



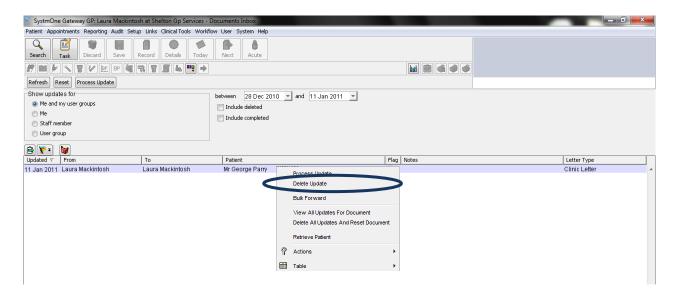




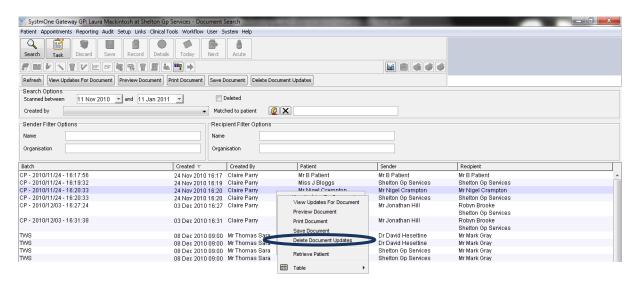


## To Delete Updates for a Scanned Document

1. From Workflow > Document Management > Document Inbox screen, right click on an update and select Delete Update to delete the specific update or right click and select 'delete all updates and reset patient document' to delete all updates to the document and return it to its original state.



2. From Workflow > Document Management > Document Search screen, right click and select Delete Document Updates.

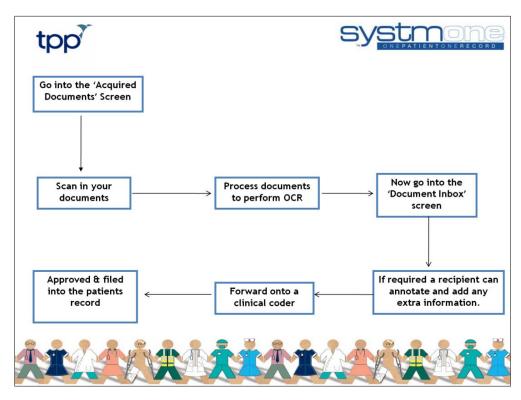


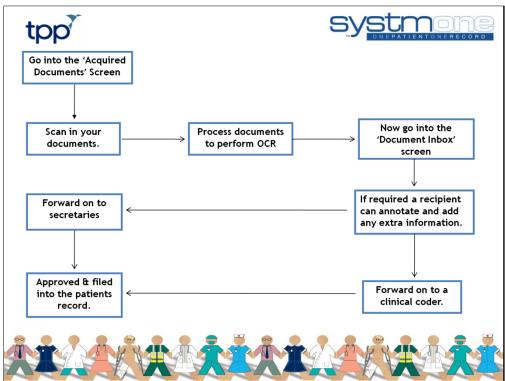






# **Suggested Workflows**











 $\label{potential} \mbox{SystmOne PDF guides are correct at the date of writing.}$ 

