Stratus
Release 1.11.0
Release Notes

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Chris Burdett	Product Owner	07/04/22	
Approver	Role	Date	Issue
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Contents

1   Introduction

1.1   Purpose

This document will outline the functional changes made to this release. It will detail any new features, enhancements to existing functionality and list changes made due to existing functionality not working as expected.

1.2   Audience

This document is primarily for external stakeholders, so they have a clear understanding of the application's new/improved functionality, resolved and known issues for this release.

1.3   Previous Release

The previous release of this product was as follows:
Version: 1.10.04
Date: 23/Aug/21

2 Functionality added in this release

The following features and enhancements are included in this release:

2.1 Metadata filter values to be sorted alphabetically/chronologically

When choosing a metadata value in the table view using Advanced Metadata Filter the values are not sorted which makes selection difficult.

Resolution:
Metadata fields will now be ordered by name including document type edit selection, document category edit selection and extended attributes editor.

2.2 Order of documents in a folder (tab cat) to be the same on Stratus and Admin App

The order of documents in a folder (tab cat) are not the same on Stratus and the Admin App. Stratus takes date of documents into account when ordering. The Admin App only orders on the scanfileid/ indexeddocumentid.

Resolution:
Will now order documents by document category Id> document date > document Id.

2.3 Hide news tab for users without edit permission

Currently users without permission to edit the news can click on the relevant tab but then see a blank page. Change to hide tab.

Resolution:
Will now hide new tab if the user doesn't have the permission: ROLE_NEWS_EDIT

2.4 Option to reassign virtual folders to another owner

Currently the virtual folder list is user specific. MTW have reported that this limits their use since often it is a consultant's secretary who collates the documents for a MDT meeting which means the consultant cannot then access the folder under their own login.

Resolution:
Added the ability to reassign a virtual folder to another user.

2.5 Create bulk document download option in Cirrus

Requirement for bulk document download tool for use by Trust legal team when preparing court documents.

Present a permission-based button in the Cirrus patient view which would produce a ZIP file containing all of a patient's documents. Documents would be named using document DATE and TYPE - e.g. "03072020_Anaesthetic consent form.pdf" and the ZIP file will be named with the patient's MRID and date of creation - e.g. M987543_10102020.ZIP.

For added security the ZIP should be encrypted with the creator required to enter a password when generating the file. There should also be quota limitations to limit the effectiveness of automated extract processes whilst not affecting the legitmate use by an authorised user.

Resolution:
Bulk Document Download function added to the **Tools** tab in Cirrus.

2.6 Cirrus bulk clear annotations tool

MTW use the annotation tool to redact data on documents before exporting. This can amount to dozens of annotations across multiple documents and the redactions *have to be undone* once export is complete. This is extremely time consuming.

A tool for a user with annotation permission to bulk undo all annotations from a certain date time would solve this. A menu option (also requires new burger menu adding) to Bulk Clear Annotations would require the user to specify a patient and a date/time to remove subsequent annotations for. E.g. User F.Smith selecting MRID 12345 and date/time 01/01/21 15:00 would clear all annotations made by **F.Smith** for **patient 12345** since **15:00 01/01/21**.

The user should be prompted that "All annotations made on any documents belonging to <patient x> by <user y> since <date/time z> will be cleared. OK to continue?"

Resolution:
Clear Bulk Annotations feature has been added to the stratus admin app. Can be used to clear annotations in bulk for a given patient after a specified date/time. Annotations will only be cleared where the currently logged on user was the last to create/modify the annotations.

2.7 Allow default zoom setting for all users

Customer request - currently the default zoom level for viewing documents is too great and users always have to zoom out. Can this be made a system config which allows the default zoom to be set for all users.

Resolution:
A default PDF zoom value can now be set in the stratus.properties under the property 'default.pdf.zoom'.
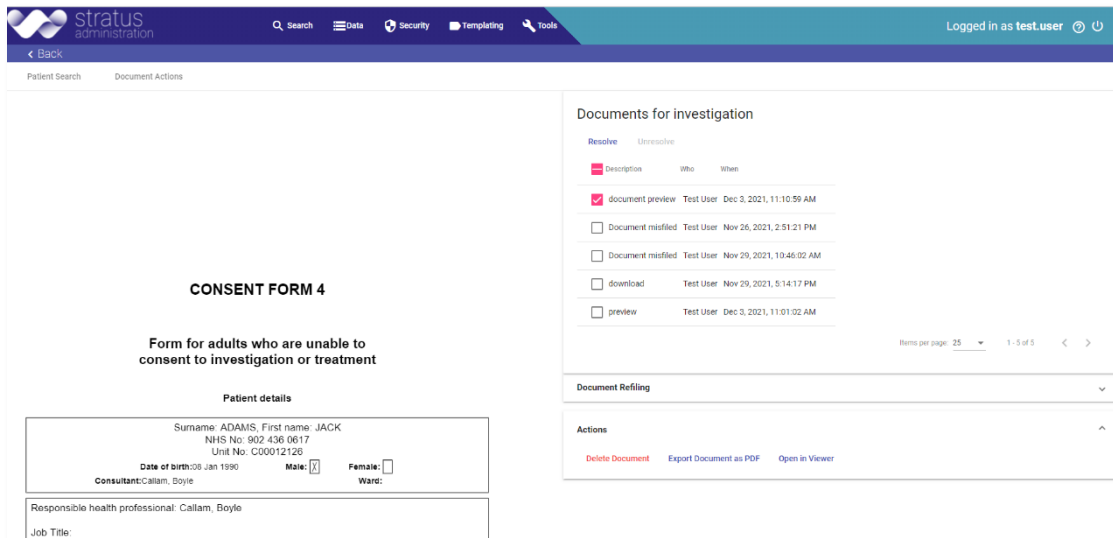
2.8 Order category buttons by tab category ID

Tab category buttons in the cateogory and table views need to be ordered according to tab category ID so that they appear in a consistent order in those views.

2.9 Improve worklist document access

The worklist preview of a document only shows the first page and it requires multiple clicks to open the full document view. Navigating back to the worklist also requires the user to reselect the document.

Resolution:
- Document **Actions** panel now opened by default to allow single click "Open in Viewer"
- From the full document view, clicking the **Back** button now returns to the worklist with the document still selected for further action

2.10 Automation of jammed queue management

Write an application to identify files with errors in nimbus and move then move to a specified error folder with logs and then clear entry from the DB to stop jamming. This application will identify files with errors by checking the nimbus queues for errors in regular intervals.

It was decided to put this functionality in a separate application so it can be easily enabled/disabled. This application can be configured to catch 4 types of errors:

1. Patient not found ('Patient does exist but under a different MRN ' or Patient does not exist on the database)
2. Bad filename (with a specific error e.g. unknown category type)
3. Unsupported pdf file (PDF contains either JPEG 2000 or JBIG2 compressed images)
4. Duplicate file error

Resolution:
This application was written to identify error-ed files in nimbus and move them to a specified error folder with logs.
This application will identify error-ed files by checking the nimbus error queues on regular intervals.
It was decided to put this functionality in a separate application so it can be easily enabled/disabled if any unforeseen issues occur.
Done

2.11 Change logout screen

When we logout of CAS through Stratus / Cirrus we always get redirected to the inappropriate "CAS Logout" page. This is confusing for users since it contains a "log in" option which does not return them to Stratus.

Resolution:
• Implemented com.wbs.authenticate module in cirrus
• When a user is logged out they are returned to the Stratus login screen

2.12 Create Stratus eConsent launch button

Button required to launch eConsent in patient and user context from Stratus.

Resolution:
Configurable button added

2.13 Change Cirrus date fields to UK format

Date fields in Cirrus use US date format (MM-DD-YYYY) - can we change this to UK please (DD-MM-YYYY).
This applies to all patient search fields (e.g. patient search, refiling, selecting for bulk action tools) and when specifying the date for bulk annotation clearing.

Resolution:
Resolved. The Date field in the Event Viewer in Cirrus is in UK format.
Resolved. The date fields are in UK format in patient search, event viewer, bulk clear annotations and bulk document download

3 Fixes to existing functionality in this release

3.1 On Document View clicking fullscreen resets zoom

When viewing a document if you were to zoom in/out then click the fullscreen button, it will reset the zoom on the document.

Resolution:
Zoom level is now retained.

3.2 Can resize text and rotate highlight annotations breaking export to PDF

If you go to annotations on a multi-paged document and add annotations (text and highlight) to a page, save, and then go to a different page then return to that initial page with the annotations, you can now resize text and rotate hightlights which if saved will break how the annotations look on export PDF.

Resolution:
Annotation text and highlighted annotations will now display identical to the front-end preview.

3.3 Patients first name not capitalized on admin app patient search

Patients first name and title not capitalized on admin app patient search
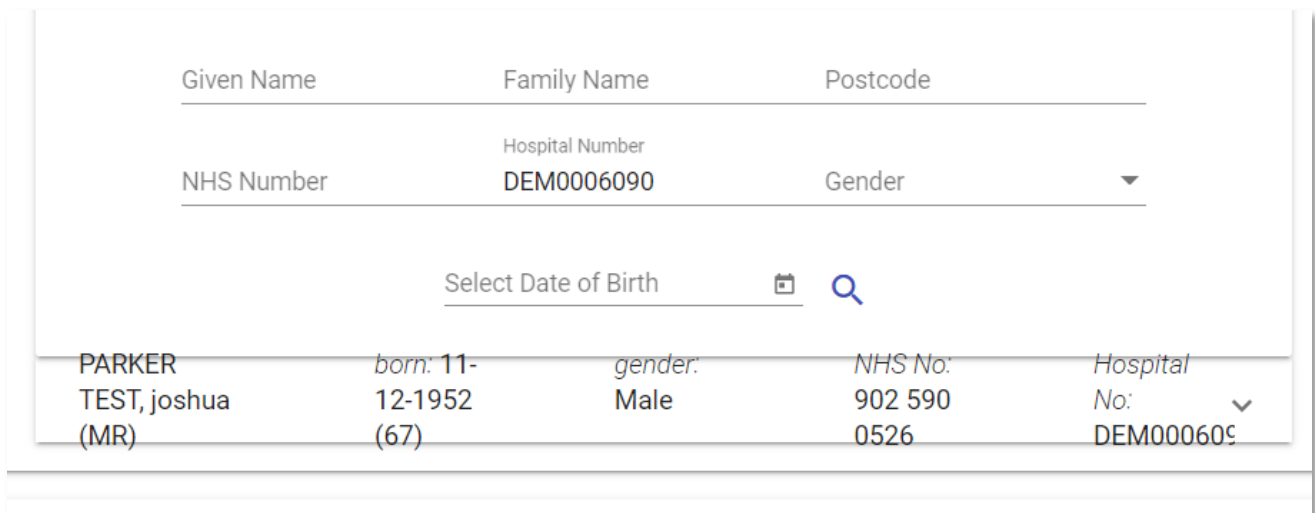
Resolved

3.4 Patient Address display on Patient Search needs spacing out

Patient Address display on Patient Search needs spacing out

Resolved

3.5 Patient Details on Document Refiling are overlapping

Patient Details on Document Refiling are overlapping and looks poor:-

Given Name	Family Name	Postcode		
NHS Number	Hospital Number DEM0006090	Gender	▼	

Select Date of Birth 📅 🔍

| PARKER TEST, joshua (MR) | born: 11-12-1952 (67) | gender: Male | NHS No: 902 590 0526 | Hospital No: DEM000609 ⌄ |

Resolution:
Text now scales appropriately.

3.6 Flagging a Document in the Admin App and then committing a document action does not clear the document from the worklist

Flagging a Document in the Admin App and then committing a document action (Delete Document or Refile Document) does not clear the document from the worklist. When you flag the document from Stratus and do either Delete Document or Refile Document the document is automatically removed from the worklist, this should be consistent wherever you flag the document from.

Resolved

3.7 Problems with Search

Admin Refile Search -
   Names have to be exact.
   Hospital No. is cap sensitive
   NHS No. only accepted in XXX XXX XXXX format
   Postcode only accepted in XXXX XXX format
   Inputs need rearranging (wrapping) on IE11

Admin Advanced Search -
   Names have to be exact.
   Hospital No. is cap sensitive
   NHS No. only accepted in XXX XXX XXXX format
   Postcode only accepted in XXXX XXX format

Admin Quick Search -
   NHS No. only accepted in XXX XXX XXXX format

Stratus Quick Search -
   NHS No. only accepted in XXX XXX XXXX format

Stratus Advanced Search -
   Names have to be exact.
   Hospital No. is cap sensitive
   NHS No. only accepted in XXX XXX XXXX format
   Postcode only accepted in XXXX XXX format

Resolution:
Search parameters now more flexible to resolve all listed issues.

3.8 Pagination for tasks not working

System displays up to 25 outstanding actions on the dashboard with an option to navigate to another page if there are >26. However, this does not work (still only displays first 25).
If actions are marked as completed the actions >26 will "drop down" into the list as expected.

Resolution:
Fixed pagination for admin actions tasks.

3.9 iPad pro display issue

Issue at MTW with document view missing a section at the bottom which becomes worse if the view is rotated.

Resolution:
Modified tablet CSS to fill 100% height on root view regardless of orientation.

3.10 A3 rotated view bug

Landscape documents which have been scanned in portrait orientation lose a small amount of detail on the left margin when rotated (see attachments) - this *seems* to only affect A3 documents.
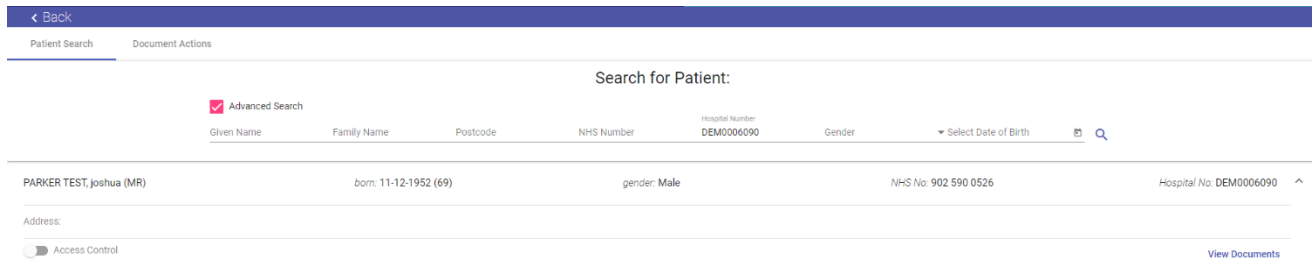
Resolution:
Added a slightly bigger left and right margin to the canvas on rotate to ensure A3 page sizes do not go off the page.
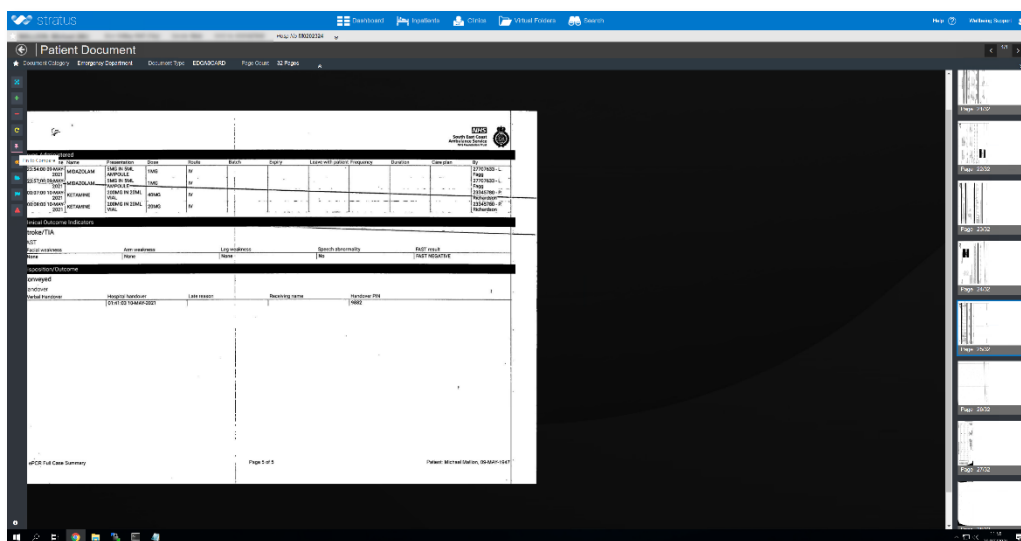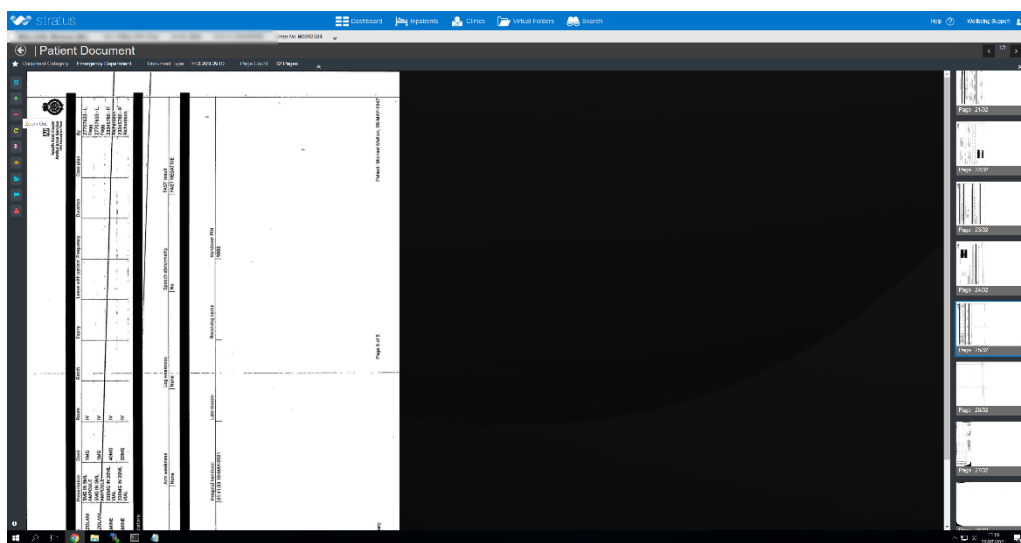
3.11 in the admin app on patient search, if you use advanced search the address for results is not displayed

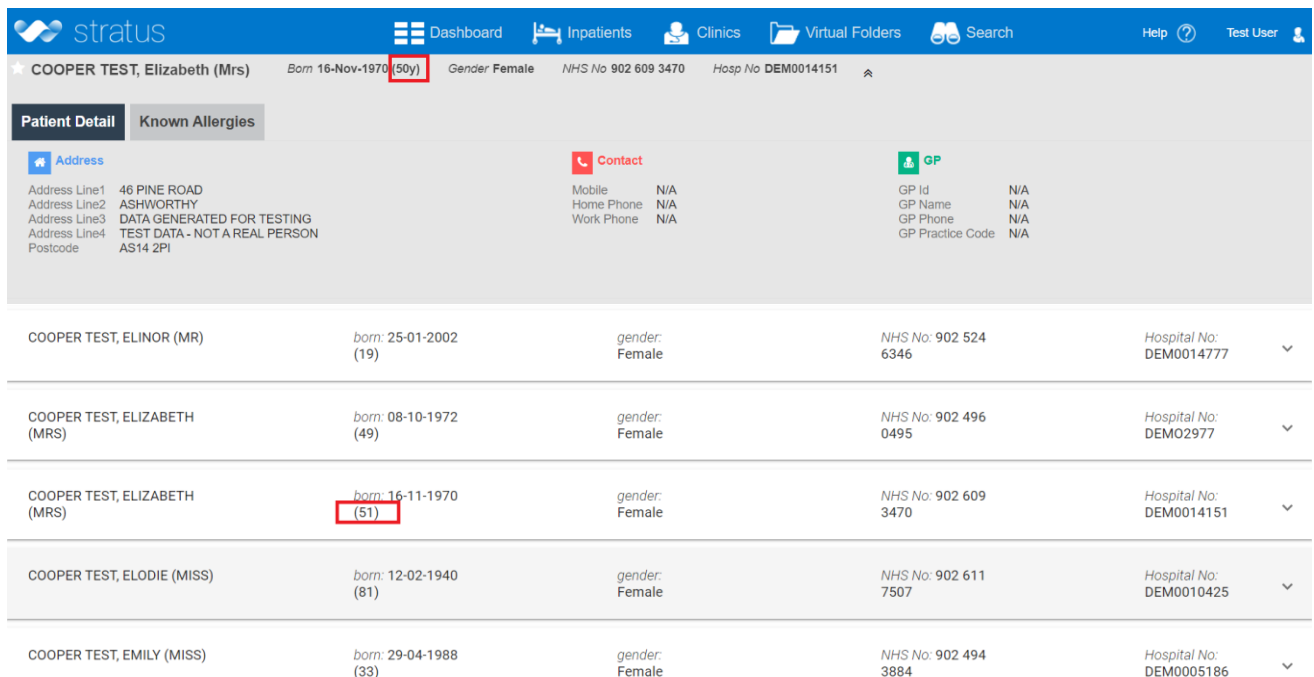Advanced search does not populate the address details in the patient selection list.

Resolved

3.12 Age of patient is different in Stratus and Stratus Admin

Age of patient can be different in Stratus and Cirrus. This was due to the age being based on the year of birth in Cirrus rather than the date of birth

Resolved

3.13 Annotations displays in wrong places for multi-aspect documents

System used dimensions of the first page for annotation mapping, which could cause documents with different sized pages to have annotations appear in the wrong place in subsequent pages. This affected both Cirrus and Stratus UIs.

Resolution:
Annotations will now be correctly displayed on the PDF output and the admin app for multi aspect documents and documents where pages have different orientations e.g.(0, 90, 180, 270).
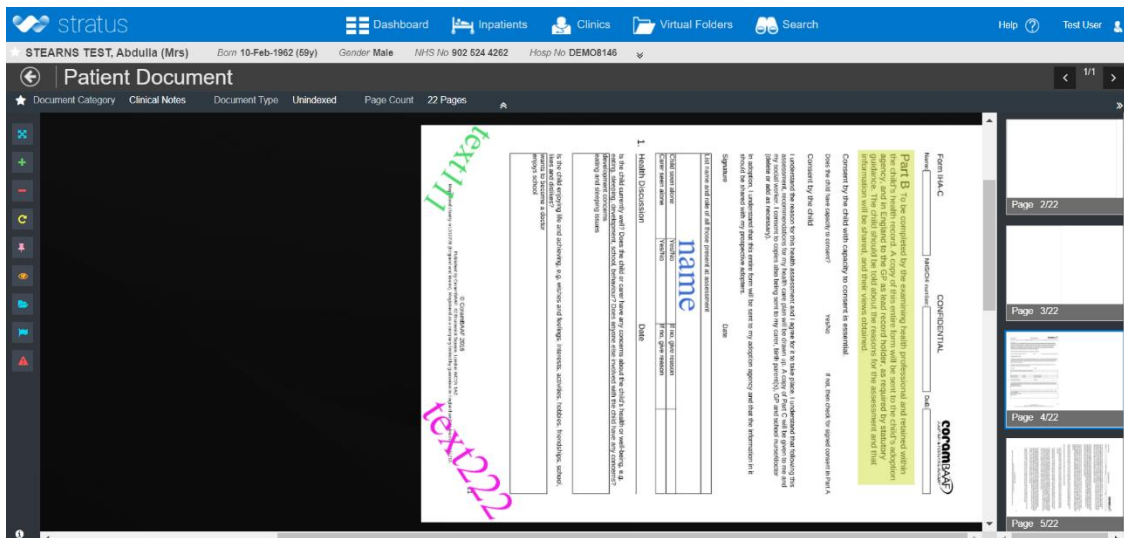
3.14 Annotations: Unable to save annotations after rotating the stamps

In the Stratus admin, in annotations, after rotated the stamps, the Save Annotation button is still dimmed and unable to save the rotation.

Resolved

3.15 A new Folder is not showing on the admin app after indexing a file

After indexing a document or moving a document to a new folder category the new folders are not showing on the admin app unless the cache is cleared or unless reopening the application in incognito mode.

Resolution:
Issues was due to cache waiting 10 minutes before updating a patients files and folders. Resolved by reducing cache time from 10 minutes to 2 minutes.

4 Known issues

There were no new issues identified during testing of this release.

5 System Requirements and Supported Platforms

See Wellbeing Warranted Environment Specification v2.3

Wellbeing
Warranted Environn