core CRIS

Release 2.12.04

Release Notes (External)

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# Introduction

## 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.

## 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.

## Previous Release

The previous release of this product was as follows:

Version: 2.12.03b

Date: 13/Jul/21

## 

# Functionality added in this release

The following features and enhancements are included in this release:

## Ensure correct Dragon dialog is displayed when launching Cris with VR

Jira Reference: [CRIS-6062](http://jira.hssnet.com/browse/CRIS-6062)

Currently, the Dragon dialogue displayed when setting up VR in Cris allows you to create or import a profile. There is a separate dialogue available for Opening an existing profile.

This change is to allow the user to select the correct dialogue based on what they want to do with regards to the profile.

*Resolution*:

A new dialog has been added to allow a new user to select either the NEW or OPEN profile dialog when choosing a Dragon profile at first start-up.

## Implement Order list Auto-refresh

Jira Reference: [CRIS-6167](http://jira.hssnet.com/browse/CRIS-6167)

A configurable auto refresh on the Orders list is needed. Refresh period in seconds with 0 seconds disabling the functionality.

*Resolution*:

Auto-refresh on the Orders List implemented.

*Procedure*

Open the Orders List. Right click on the List button. Fill in a period (in seconds) greater than 30 to start a refresh process.

To stop this, set the value to 0 (or less than 30).

Note: The refresh will only take place if the Orders List is visible. When starting the process, the initial countdown is based on the LAST time the list was run.

## Scratch Pad hidden with large number of sites

Jira Reference: [CRIS-6188](http://jira.hssnet.com/browse/CRIS-6188)

The scratch pad gets hidden at lower screen resolutions when there are a large number of sites:

Could we add a scroll bar to the sites panel so that the Scratch pad and Changed Appointments panel always show several rows in each.

*Resolution*:

This was coupled with [CRIS-6194](http://jira.hssnet.com/browse/CRIS-6194). Once we get past approx. 30 sites, the Sites panel stops growing, and gains a scrollbar so you can see the rest of the sites using the scrollbar.

Thus, the ScratchPads stop being shrunken, and do not disappear.

## Site buttons on diary does not show the full code if longer than 5 characters

Jira Reference: [CRIS-6189](http://jira.hssnet.com/browse/CRIS-6189)

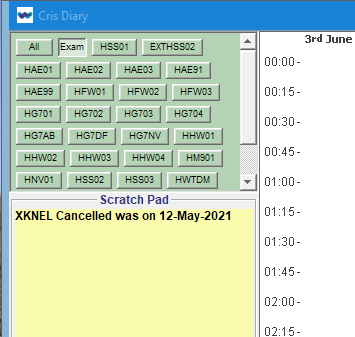
With Site codes longer than 5 characters, the associated Site button wasn’t large enough to show the whole site code so the code was truncated.

*Resolution*:

Adjusted buttons to be any length.

Also allowed sites panel to expand only to around 30 sites.

Beyond this, the panel gains a vertical scrollbar and can then be scrolled.



## Ability to pull Chemical Name from Phial

Jira Reference: [CRIS-6211](http://jira.hssnet.com/browse/CRIS-6211)

There is a requirement from a customer to extract the Chemical Name of a Phial rather than just the chemical code. This is useful when printing labels.

*Resolution*:

Added methods getChemicalName() and getIsotopeName() to the Phial class. These methods can now be referenced within printing formats to produce the required label output.

## CRIS crashing with fuji PACS and 2.11.03

OTRS Reference: [00172568](https://service.hssnet.com/otrs/index.pl?Action=AgentTicketZoom;TicketID=173366)

Jira Reference: [CRIS-6316](http://jira.hssnet.com/browse/CRIS-6316)

To investigate the intermittent crashes of CRIS at two Fuji PACS sites using 2.11.03/4/5. This was a very intermittent problem and very hard to replicate, so it was decided to update the COM libraries initially because a similar issue had been seen at other sites and updating the libraries there had solved the issue.

*Resolution*:

Changed the COM libraries from 'jawin' to 'jacob'.

Rename DTI package to synapse\_2021 so original synapse4 can still be used if necessary.

# Fixes to existing functionality in this release

The following fixes are included in this release:

## Entering a date in the future in 'Backlog Mode' isn't working

OTRS Reference: [00173570](https://service.hssnet.com/otrs/index.pl?Action=AgentTicketZoom;TicketID=174368)

Jira Reference: [CRIS-2484](http://jira.hssnet.com/browse/CRIS-2484)

*Affected version: 2.10.03, 2.12.02*

When the XR setting 'GENERAL.BackLogModeFutureDate' is set to 'YES', the user should be allowed to enter a date in the future. However, a future date is being rejected.

*Resolution*:

The Date field in the 'Backlog Mode' page has a flag that controls the ability to set previous dates only. This was set to 'true' therefore stopping future dates to be entered. Changing this flag to false allows future dates to be entered. Also, this change has fixed the issue raised in [CRIS-5015](http://jira.hssnet.com/browse/CRIS-5015).

## Entering future dates in backlog mode

OTRS Reference: [00113845](https://service.hssnet.com/otrs/index.pl?Action=AgentTicketZoom;TicketID=114450)

Jira Reference: [CRIS-5015](http://jira.hssnet.com/browse/CRIS-5015)

*Affected version: 2.12.00*

A bug has been found when setting backlog mode, if you type in a future date in the format DD/MM/YY, this is interpreted as a year in the 1900s. I believe this is happening because the back log mode field is utilising the DOB shortcut function where the year is assumed to be ‘19xx’, which is therefore not classed as a future date, so no error message appears.

Ideally, backlog mode should not utilise the DOB date function.

*Resolution*:

The Date field in the 'Backlog Mode' page has a flag that controls the ability to set previous dates only. This was set to 'true' therefore stopping future dates to be entered. Changing this flag to **false** allows future dates to be entered. Also, this change has fixed the issue raised in [CRIS-2484](http://jira.hssnet.com/browse/CRIS-2484)

## If a report fails to save, the dictation is still removed from the Dictation list

OTRS Reference: [00175029](https://service.hssnet.com/otrs/index.pl?Action=AgentTicketZoom;TicketID=175827)

Jira Reference: [CRIS-5963](http://jira.hssnet.com/browse/CRIS-5963)

*Affected version: 2.11.05*

If a report that is typed from a dictation, it fails to save the update and the dictate record remains at 30COMP which means that the dictation does not display on the dictation list

*Resolution*:

If a report fails to save, all dictation statuses are now reset to dictated status instead of complete.

## Dragon microphone toggle will not switch on.

OTRS Reference: [00177968](https://service.hssnet.com/otrs/index.pl?Action=AgentTicketZoom;TicketID=178766)

Jira Reference: [CRIS-6077](http://jira.hssnet.com/browse/CRIS-6077)

*Affected version: 2.11.05*

Various reports of the Dragon microphone toggle not being on or not being able to be turned on.

*Resolution*:

A change has been made to ensure that the microphone state cannot be set to disabled.

## Email Letter functionality uses different templates depending on which button is clicked

Jira Reference: [CRIS-6098](http://jira.hssnet.com/browse/CRIS-6098)

*Affected version: 2.09.10t1g1*

Email Letter functionality uses different templates depending on which button is clicked

*Resolution:*

Event List works as before.

Calling SendMail from Event Details now calls the same templates as Email Letter from the right click option in the event List.

From Patient Details it now creates an email using templates "EMAIL.PATIENT.SUBJECT" and "EMAIL.PATIENT.BODY"

## Post process trigger created unnecessarily for rejected exams

OTRS Reference: [00153046](https://service.hssnet.com/otrs/index.pl?Action=AgentTicketZoom;TicketID=153749)

Jira Reference: [CRIS-6124](http://jira.hssnet.com/browse/CRIS-6124)

*Affected version: 2.11.03*

If you reject one exam on a multi-exam CRIS event (using the status box within event details), a cancel message is sent to downstream systems for this exam, as expected. However, when you post process the remaining active exam(s) on the event, a POST PROCESS trigger is generated for the rejected exam. This is not required because the exam has been rejected in CRIS and has therefore not been performed.

This trigger being actioned is resulting in a post process message being sent to PACs for the rejected exam, making the rejected exam incorrectly available on PACs for reporting.

If an exam is rejected on CRIS then really, I don't believe there is reason to send a post process message afterwards since the exam is rejected.

*Resolution*:

The status of each exam is now validated before a 'POSTPROC' trigger is sent to PACS. If the status equals 'R' (for rejected) the trigger will not be processed.

## DragonAPI does not initialise correctly if creating new user with no Dragon Preferences

Jira Reference: [CRIS-6132](http://jira.hssnet.com/browse/CRIS-6132)

*Affected version: 2.12.03*

The Dragon API is not being initialised correctly causing display issues with the application’s menu bar.

*Resolution*:

The code failed as it tried to get Menu Bar from Application. Added this as part of start-up, so the application could return this as part of Dragon initialisation.

*Notes*:

The DragonServerEXE needs to be version 1.0.0.5

## 2.12.03 Dragon Testing - Unable to load speaker message

Jira Reference: [CRIS-6159](http://jira.hssnet.com/browse/CRIS-6159)

*Affected version: 2.12.03*

Unable to load speaker message displayed when switching between VR and non-VR users

Development suspects this could be related to the disabled status for the user and not checking this for non-Dragon users.

*Resolution*:

Checked disabled state before setting up Microphone button. Also, during opening a report.

## Dragon in use error message

Jira Reference: [CRIS-6161](http://jira.hssnet.com/browse/CRIS-6161)

*Affected version: 2.12.03*

While logging out of CRIS, the following Dragon error message is displayed

Graphical user interface, text, application

Description automatically generated

*Resolution*:

Added additional kill Tasks for DragonBar and DragonServer as well as natspeak to ensure these are dead before trying to start Dragon. (Assuming KillDragon XR setting is enabled).

Added more error messages to better understand the log files. Noted that DragonControl enable/disable commands are fired at the same time we are logging in. These should wait until we have at least attempted to login.

So, the system waits until the Dragon connection is established, or timed out during initialisation. This should help during start up.

A keep alive now tries to get a VERSION message from Dragon if it has not been asked for anything for 3 minutes.

## Contrast items VAT type not changing when contract changes

OTRS Reference: [00168144](https://service.hssnet.com/otrs/index.pl?Action=AgentTicketZoom;TicketID=168911)

Jira Reference: [CRIS-6178](http://jira.hssnet.com/browse/CRIS-6178)

*Affected version: 2.10.11*

When an event has contrast which is chargeable in the contract, if the contract is amended from a ‘Standard VAT’ contract to an ‘EXEMPT VAT’ contract the vat type and vat cost remain as standard. The Exam costs change correctly

*Resolution*:

All stock items are now updated to have the same VAT Type as the contract they are associated with.

## Memory loss in Java Console

Jira Reference: [CRIS-6276](http://jira.hssnet.com/browse/CRIS-6276)

*Affected version: 2.11.05, 2.12.03*

The Java Console, when used, stores its output is a Document. When you clear the Document, it does not shrink the document or the sticky references on the Document. Over time this slowly eats up all the Java Memory, even if you clear the document cache.

The Garbage collector does not sort this. If we create a new Document when we clear the cache we will fix this.

*Resolution*:

Fixed issue where, even if we clear the console text area, the model behind it keeps lots of references to sticky and mark classes. Replacing the Document with a new one on Clear, allows these to be garbage collected.

## 2.12.01+ - Zooming on request card distorts image

OTRS Reference: [00182055](https://service.hssnet.com/otrs/index.pl?Action=AgentTicketZoom;TicketID=182853)

Jira Reference: [CRIS-6294](http://jira.hssnet.com/browse/CRIS-6294)

*Affected version: 2.12.01*

While testing version 2.12.03, an issue has been identified relating to the zoom in/out functionality when viewing a request card in core CRIS. Although this was found in 2.12.03, testing has found this to be an issue since 2.12.01.

If you view any stored request card and zoom in/out using the scroll wheel on your mouse, the image becomes distorted.

Eventually, if you keep zooming in/out multiple times, the application will produce a memory error.

This does not seem to affect PDFs.

*Resolution*:

Implemented as part of the work on [CRIS-6503](http://jira.hssnet.com/browse/CRIS-6503).

## Orders not appearing in Cris when there is no referrer location/ward in ORC13

OTRS Reference [00185659](https://service.hssnet.com/otrs/index.pl?Action=AgentTicketZoom;TicketID=186457)

Jira Reference: [CRIS-6300](http://jira.hssnet.com/browse/CRIS-6300)

*Affected version: 2.12.03*

Customers with 2.12.03 are reporting that orders are not coming through when there is no referrer location/ward in ORC13. This seems to be due to a recent interface change.

*Resolution*:

Checks are now made against the Ward object to ensure that accessing any internal parameters of the object are prevented if the object is 'null'.

*Notes*:

'NULL' validation checks are now made prior to any required access to object data.

## Report Info List - Memory/Performance Issues

Jira Reference: [CRIS-6321](http://jira.hssnet.com/browse/CRIS-6321)

*Affected version: 2.12.03*

It has been reported by a customer that many, if not all, of the lists appear to be a little ‘laggy’, a little unresponsive. Further investigation has revealed that multiple, similar database queries are repeated while a user moves through the lists.

*Resolution*:

General performance enhancements have been applied to the lists. Caches, stores, vectors of data are cleared out prior to the garbage collection.

These same stores are only refreshed if changes are detected, therefore reducing the repeat queries being made while processing the lists.

More efficient routines have been implemented that pull the required events to the lists from the server.

## 2.12 - Request Card Zooming In/Out Slow

OTRS Reference: [00190928](https://service.hssnet.com/otrs/index.pl?Action=AgentTicketZoom;TicketID=191726)

Jira Reference: [CRIS-6503](http://jira.hssnet.com/browse/CRIS-6503)

*Affected version: 2.12.03*

After a customer has upgraded to 2.12.03, they’ve reported that when users are viewing request cards, the system hangs for several seconds when the user tries to zoom in/out on the image.

The support team have tested this and found that indeed, when scrolling to zoom in using wheel on mouse, this zooms in and out on the request card. Each time you zoom, CRIS is slow to respond and locks up, it eventually wakes up around 10 seconds later.

Part of the testing involved grabbing an example jpeg image from their LIVE system which is a large, scanned JPEG, that is 1.5+MB in size and placed it into support t1g1 (customer’s previous build) and there is no issue and you can scroll in and out fine without any slowdown.

The same image was then placed into support 2.12.03 and CRIS hangs when trying to zoom in or out of the document you must wait for 5 to 10 seconds for CRIS to respond.

If I get the same image and half its resolution so it is now only 900kb, the document can be scrolled in and out with no issues on 2.12.03. Therefore, it appears that this is a bug which was introduced in 2.12.03 but is also only an issue if the request image is on the larger side (over 1MB) and is of high resolution for an A4 size.

*Resolution*:

Images are now handled using different image buffers and a set of different algorithms. Resizing processes have been improved to aid the zooming in/out process.

## VR text is added to the top of the Report, after user logs back in.

Jira Reference: [CRIS-6510](http://jira.hssnet.com/browse/CRIS-6510)

*Affected version: 2.14.00*

Steps to reproduce

1. Dragon 15 VR is enabled in CRIS TableSetup > system > XRSettings.
2. A CRIS user logs into CRIS and has a Report open and speaks into microphone to dictate text.
3. Then the report is finished and saved.
4. The user then logs out and then back into CRIS
5. A new Report for an exam is loaded.
6. Dragon commands to 'Wake up', then 'Insert all titles'.
7. Dictate text into Report and speak 'Next Exam' etc...

This will cause all the dictated text to be inserted at the top of the Report screen

*Resolution*:

This was an issue around making the cursor move quicker when holding down the delete key. On logoff the supporting thread was closed down but it did not get restarted when we restarted Dragon. Hence the Dragon Buffer thread was not getting updated correctly

## Lag when Typing in CRIS reporting window after using microphone.

OTRS Reference: [00171761](https://service.hssnet.com/otrs/index.pl?Action=AgentTicketZoom;TicketID=172559)

Jira Reference: [CRIS-6511](http://jira.hssnet.com/browse/CRIS-6511)

*Affected version: 2.11.04, 2.11.05*

It has been reported that customers are seeing lag when typing in CRIS reporting window after using the microphone in version 2.11.04 and above.

*Resolution*:

Dragon specific routines are now placed on their own dedicated thread. This prevents these routines waiting for the GUI to finish what it’s doing before they can be processed.

## Orders no longer displayed in 2.12.01 due to urgency

OTRS Reference: [00156893](https://service.hssnet.com/otrs/index.pl?Action=AgentTicketZoom;TicketID=157596)

Jira Reference: [CRIS-6521](http://jira.hssnet.com/browse/CRIS-6521)

*Affected version: 2.12.01*

A customer has reported that their OCS messages were not appearing within the TEST system. After lengthy investigation, we have discovered a bug which believe is probably related to the recent change to support 2-digit event urgency values.

Usually and ideally, most sites will send the required numerical event urgency value in the inbound HL7 order message (OBR 27.6), in these cases this bug does not present an issue.

Some trusts however send a word in OBR 27.6 such as

"Routine". The interfaces trim the value and store "R" as the urgency. Even though this is not a valid urgency number, the user would be able to see and open the order, thus allowing them to manually change the urgency to a valid CRIS value.

Sending a word is not technically supported, this did not present an issue on versions before 2.12.01 as the order is still displayed within CRIS.

The issue we now find post 2.12.01, is that the orders will no longer be displayed within CRIS (on the patient or orders list) if the order urgency contains a non-integer type value (i.e. a letter or letters). These orders cannot be found within in the application in anyway, you can only see them by querying the orders database table.

It is this functionality which should be restored so that even if the order urgency is not numeric, the order will continue to show on the orders/patient list in CRIS, as it does pre-2.12.01.

*Resolution*:

With incoming urgency values of null or "" the urgency value isn't processed and allowed to move through without error, However, the application defaults the value to 1 to avoid any further null pointer/number format exceptions.

## Dragon doesn't always start

Jira Reference: [CRIS-6535](http://jira.hssnet.com/browse/CRIS-6535)

*Affected version: 2.12.03*

Found an issue where the Dragon app would request logon parameters, we would send them, the Dragon console said it was logged in, but it did not send the confirmation status back to CRIS. There was a possibility of crossed signals to and from Dragon at this point.

*Resolution*:

Code amended to eliminate crossed signals to and from Dragon. Various threading management routines have also been improved.

## Investigation required into why the microphone went to standby while reporting V15

OTRS Reference: [00178399](https://service.hssnet.com/otrs/index.pl?Action=AgentTicketZoom;TicketID=179197)

Jira Reference: [CRIS-6554](http://jira.hssnet.com/browse/CRIS-6554)

*Affected version: 2.11.06*

It has been reported that when a radiologist is dictating a report, the microphone occasionally toggles itself to off. This can be a problem when looking at the PACS and dictating a long report as the user doesn't notice until the end and will have to redo the entire report.

*Resolution*:

We have been unable to recreate the issue here. However, two sounds have been added that can be enabled while using Dragon. A sound for entering sleep mode, and another sound for when turning the microphone off. This may help to alert the user if Dragon recognises something you have said has turned off the microphone.

This is turned on with XR setting:-

VOICE*DRAGON*WARN*ON\_MIC*OFF, "Dragon - warn user when microphone turns off|No" – defaulted to ‘Off’.

## Patient death border is not present on request or waiting list

OTRS Reference: [00149878](https://service.hssnet.com/otrs/index.pl?Action=AgentTicketZoom;TicketID=150549)

Jira Reference: [CRIS-5080](http://jira.hssnet.com/browse/CRIS-5080)

Since at least CRIS version 2.09.10t1, the patient death (black) border as not been present on the request or waiting list for any patient with a valid date of death. You do see the flashing red text once you open the patient record but ideally the black border should be present on all lists for consistency’s sake.

If you check the day list, appointments list or the diary, the black border is present, so this issue appears to just affect the request or waiting list.

*Resolution*:

The black border to indicate a deceased patient has been restored to the waiting and request lists.

## Billing - Resolve Contract Performance Issues.

Jira Reference [CRIS-5680](http://jira.hssnet.com/browse/CRIS-5680)

A customer is experiencing performance issues when opening and creating contract costs within their setup tables. It can be seen via the logs that whenever a contract is selected or opened, the whole contract table is reloaded. Therefore over 2000 records were repeatedly being reloaded as the user tried to use the contract cost setup table.

*Resolution*

The contracts and their associated slave/master links data are loaded in one query to the database. The resultant 'resultset' is then queried to populated various contract specific caches. This query is now only used when necessary, if a new slave contract is created, when an existing slave's master links are changed etc, but is cleared regularly so it's contents are kept up-to-date.

## Porting billing changes from 2.10.09 to 2.12.04

Jira Reference [CRIS-6169](http://jira.hssnet.com/browse/CRIS-6169)

Ensure all billing changes made from 2.10.09 have been ported across to 2.12.04.

*Resolution*

All changes made to 2.10.09 and beyond have been ported across to the 2.12 codebase.

## Unable to search for accession numbers.

Jira Reference [CRIS-6461](http://jira.hssnet.com/browse/CRIS-6461)

OTRS Reference [00171369](https://service.hssnet.com/otrs/index.pl?Action=AgentTicketZoom;TicketID=172167)

A customers exam keys have just rollover from 8-digits to 9-digits. Unfortunately, any new exams created after the rollover cannot be found using the accession number. If the XR setting ‘ACCESSION.numdigits’ is changed to 9 solves this issue but now events created before the rollover could not be found using the accession number.

*Resolution*

The accession number consists of a prefix, the exam/event key and a suffix.

We can assume that there we always be a prefix, but we can't be sure how this will be set. So now to find the exam/event key, the prefix is stripped away to find the key. This key value is used to find the exam/event being search for.

If the width of the exam/event key rolls over from 8 to 9 for example, it has no impact on the way the key value is obtained, so searching for old or new events will work as expected.

## NBSS Interface issue for 2.12.03b

Jira Reference [CRIS-6562](http://jira.hssnet.com/browse/CRIS-6562)

OTRS Reference [00192336](https://service.hssnet.com/otrs/index.pl?Action=AgentTicketZoom;TicketID=193134)

When this interface is used by NBSS, the ORC:9 field is not populated. This field is expected to contain the date and time of the event. With this set to ‘null’, a NPE exception is thrown by the interface and the message fails.

*Resolution*

The date and time of the event is now correctly obtained from OBR:27.4 in all cases where an OMG^O19 'Attendance' message is received.

# Known issues

The following issues have been identified during testing of this release.

These issues have been risk-assessed and have been accepted within this release. They may be addressed in a future release of the product.

Note that, as this is an internal document, there is full disclosure of all found issues. Discretion may be used in determining which of these to share with end users.

## Dragon failed to get VR profile dialog, when CRIS user trying to open existing roaming/local profile.

Jira Reference: [CRIS-6470](http://jira.hssnet.com/browse/CRIS-6470)

*Current status: Resolved*

*Affected version: 2.12.04*

*Fix version: 2.14.00*

Initial Conditions

User has an existing Dragon v15 VR profile (can be local or roaming)

User has a login ID e.g. user1 which exists in the CRIS Staff table and belongs to a Trust SUPER user group e.g. HSS\_SUPER

* n.b. the user doesn't have any Dragon User -> Preferences (if any exist then remove them)

In TablesSetup > system > XRSetting VOICE.RecognitionInstalled = Yes

Steps to Reproduce

1. Log into CRIS with user1 login ID and password.
2. CRIS main menu should be displayed with dialog to user if they wish to setup a Dragon profile.
3. Dragon will display a request for user to input DragonUser Id and password

#- input Dragonuser ID and password

1. A 'Choose profile source' dialog is displayed

#- in this case the 'Open' button is pressed.

Result

* CRIS displays an error dialog 'Dragon failed to get profile' message (see screen shot below)

\*- n.b. the other 2 options for 'New', 'Find Default' have been tested and they work ok..

*Resolution*:

Found issue. Ensure mic button is removed at start of every init() call for Dragon15. Also added the code to fix Dragon not starting correctly fixed in Sprint 17.

## Dragon icon appears in the toolbar for a CRIS user with Preference disabled.

Jira Reference: [CRIS-6478](http://jira.hssnet.com/browse/CRIS-6478)

*Current status: Resolved*

*Affected version: 2.12.04, 2.14.00*

*Fix version: 2.14.00*

Initial Conditions

1. Ensure that there are 2 user login ID's available user1, user2 in the CRIS Staff table and belong to a Trust SUPER role group e..g. HSS\_SUPER

#- user1 will have a Dragon v15 VR profile configured and CRIS Preferences setup previously

#- user2 will not have a Dragon VR profile

Steps to reproduce

1. Launch the CRIS application from the desktop short cut, and login with user1 ID.

#- select a 'role group' if applicable and wait for the VR profile to complete initialisation.

1. Load a patient attendance and press 'Report'.

#- check that a Report can be dictated and saved.

1. Logout of CRIS and wait for login screen.
2. Login to CRIS with user2 ID and select a 'role group' if applicable

Results

User2 has the Dragon icon displayed in the 'toolbar' disabled, and if a Report is loaded then the icon disappears.

*Resolution*:

Code already fixed as part of change in 6470.

## NPE displayed when saving a Dictation

Jira Reference: [CRIS-6595](http://jira.hssnet.com/browse/CRIS-6595)

*Current status: Open*

*Affected version: 2.12.04*

*Fix version:*

1. Before starting CRIS ensure that a microphone/headset is connected to the PC.
2. Open the 'Report Info > Unreported' screen
3. Filter list for unreported exams and click to select exam and press 'Dictate'.
4. The 'Dictate' screen will be displayed.
5. Press 'Record' and input a voice monologue.
6. Press 'Save' .

A NPE is displayed.

# System Requirements and Supported Platforms

[See Wellbeing Warranted Environment Specification v2.3](\\\\hss-fs-001\\Development\\HSS WES\\Wellbeing Warranted Environment Specification v2.3.docx)