CRIS

Release 2.10.14

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: 2.10.13

Date: 09/04/2019

# Functionality added in this release

The following feature(s) has been added to this release.

## F12 Viewer to display same drop-down menu as Reporting and Post-processing

The ‘PACS Images’ drop-down menu, that can be found on both the ‘Report Editor’ and ‘Post Processing’ pages, has been incorporated into the F12 Report Viewer. This will enable individual exam images to be requested within multi-exam reports.

## Billing - CRIS number on invoice for insurance and hospital contracts

OTRS Reference [00128108](http://service.hssnet.com/otrs/index.pl?Action=AgentTicketZoom;TicketID=128745)

The application code has been amended to provide the CRIS number from a contract of any type. To access this functionality, the ‘contract\_invoice\_1’ printing template will need amending as follows

The customer will need to amend their 'contract\_invoice\_1' invoice printing template. Where ever they try and print the CRIS number within this template, they need to replace the script with the following:

Within the **Condition** field, enter this script:

if (invoice.getKey() > 0)
crisNo = "~BCRIS No :~b " + invoice.getAnyPatient().getcris\_number();
crisNo != null

within the **expression** field, create this variable:

 crisNo

## Vetting List - Assigning of orders/events to a practitioner/group

The validation that takes place when assigning orders/events to a practitioner or group has been enhanced. Now, before the assigning process is conducted, the selected order or group of orders are validated to ensure the following:

* A combination of unlinked/linked patients cannot be processed.
* Only one unlinked/un-matched patient can be processed at a time, so if the selected group of events contains multiple unlinked/un-matched patients, an appropriate message is displayed telling the user to re-select events.
* Only one unlinked/matched patient can be processed at a time, so if the selected group of events contains multiple unlinked/matched patients, an appropriate message is displayed telling the user to re-select events.
* Dependant on various XR settings, the user is warned if a new CRIS patient is about to be created.
* The ‘Match’ screen is displayed when the event contains an unlinked/matched patient.
* If a selection contains only one patient but multiple orders, a warning is displayed telling the user that each order will be converted separately, not combined to make a single multiple exam event.
* Finally, the creation of duplicate patients no longer happens with all this new validation.

# Fixes to existing functionality in this release

The following issues have been addressed within this release.

## Billing allows different currencies but still shows £ sign

OTRS reference [00113774](http://service.hssnet.com/otrs/index.pl?Action=AgentTicketZoom;TicketID=114379)

Prior to this fix, a contract could be configured to use the Euro currency, but all currency symbols would display the £ symbol.

All GUI and printing interfaces will now use a ‘currency’ object to display the appropriate currency symbol.

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## Text not wrapping within print content editor for Java 1.8

OTRS Reference [00121272](http://service.hssnet.com/otrs/index.pl?Action=AgentTicketZoom;TicketID=121876)

When using the ‘Print Content Editor’ within CRIS, built against a Java 1.8 JRE, the word-wrapping feature of the editor didn’t work, whereas when using the editor against a Java 1.6 version of CRIS, the word-wrapping was fine.

This was in fact an issue introduced in the Java 1.8 version, but it has been fixed by resetting the break points within the editor.

## Adding new text to existing templates causes next paragraph text to change

When using the ‘Print Content Editor’ within CRIS, built against a Java 1.8 JRE, while entering new text at the top of the editor, the text in the paragraph below suddenly moves for no apparent reason, cutting words off towards the end of the line.

This was in fact an issue introduced in the Java 1.8 version, but it has been fixed by resetting the break points within the editor.

## Fetch PASid method causing list slowness

OTRS Reference [00124647](http://service.hssnet.com/otrs/index.pl?Action=AgentTicketZoom;TicketID=125251)

When the XR setting – RECEPT.RestrictChangePatPas’ is set to ‘yes’, and the ‘Waiting’ list is opened, it takes a significant time to load. This is because, for every patient on that list, a query is made to fetch the PAS ID for that patient.

The PAS ID will be the same for most, if not all patients, so it only needs fetching once. This is now done prior to list loading.

## Insignia DTI no longer working as expected post 2.10 upgrade

OTRS Reference [00124803](http://service.hssnet.com/otrs/index.pl?Action=AgentTicketZoom;TicketID=125408)

Prior to the fix, users could only view images that were created at their own trust. When events were viewed from different trusts, a ‘Patient/Event Mis-match’ warning was displayed because the PAS patient doesn’t match the event patient within the ‘pacsid’ database table.

Now, when the same situation occurs, the ‘trust code from the event is found and this is used to interrogate the ‘pacsid’ table to find a match.

## NPE in ContractCosts table when creating a New Contract.

A ‘Null pointer Exception’ message was displayed when creating a new Contract ID in the ‘ContractCosts TablesSetup’. This was due to a thread timing issue when the ‘progress bar’ was being updated.

Appropriate delays have been included to allow threads to operate in sync.

## 'Group' field in the 'Vetting List'

The 'Group' field should only be available in the 'Vetting List' if the 'Resource Module' is available. Prior to the fix, its visibility was dependent upon the ‘GENERAL.SingleResourceGroupPerEvent’ XR setting only.

The visibility of the ‘Group’ fields within the ‘Vetting List’ is now dependant on both the GENERAL.SingleResourceGroupPerEvent AND the GENERAL.ResourceManagementModuleAvailable XR settings both being set to ‘yes’.

## Word wrap and moving text issues in report editor

Prior to this fix, there were two problems with the report editor. Firstly, the ‘word-wrapping’ feature was not working correctly - longer lines of text required the user to scroll to the right to view them. Secondly, when the user entered text above an existing paragraph, the existing text changed for no apparent reason.

The ‘word-wrap’ feature is now working as expected and existing text remains as is when new text is added above it.

# Known issues

This section will highlight any known issues with this release.

## Invoice for Resource cost cannot be sent out via message

An Invoice for costs should be sent out as an outbound message to Great Plains. The invoiced costs include procedure costs and resource costs.

Currently the invoice for procedure costs is sent out correctly as an outbound message, which we can check in the server.log. However, the invoice for resourced costs is not sent out and an error is thrown on server.log.

For our existing customers, the Great Plains web service is no longer used, and the above issue has not been raised externally.

# Supported Platforms

See Warranted Environment Specification v1.12