

EXTENSIA

RecordPoint

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Release Notes

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1 Ticket Index

Ticket Number	Short Description
1688/1919	Improve the handling of errors and the display of error messages to the user in the web portals.
1715	Allow search for Consumer, Agents and Locations by their external identifiers.
1791	The system will periodically save entered data automatically.
1795	Support links to display the latest event summary based on the archetype identifier.
1804	Send emails and POST requests via a JMS message queue.
1825	Support an outbound Medical Objects interface for notifications.
1853	Update the Condition Profile configuration.
1857	Flex window in Chrome not setting height correctly.
1858	Pathology containing multimedia reports not accessible.
1862	Allow users to reset consumer passwords from the Clinical portal.
1868	Handle filenames with uppercase extensions when attaching documents to event summaries in the Clinical Portal.
1869	Display of event summaries is not correct when a cluster with a layout of table contains a '&' in the field name.
1908	Add new MS Office formats to supported multimedia types.
1910	Check for non-standard characters in portal data entry fields.
1918	Database validation reports a false negative when all entries in a section are struck through.
1928	Support extracting clusters from a brief view with the Configurable Reporting Data Loader.
1930	Support including section names in the reporting database column labels with the Configurable Reporting Data Loader.
2000	Add common java script library support.
2002	Pathology containing PIT lab results from Medical Director and Best Practice were not formatted correctly.
2009	Store multimedia in multiple databases separate to the main database.
2012	Support running the DVU for a single event summary.
2016	Submitting a pending Event created via Edit does not replace the original event.
2017	Some Event Summaries containing pathology are failing to generate a print view.
2038	Added real-time user messages in banners to communicate with active users.
2043	General Observations not showing the observation date.
2045	Multimedia attachments are not retained for recovered pending events and returning from step 3 to step 2 during data entry in the portal.

See below for more details on each ticket.

2 General User Interface

Applicable to both the Clinical and Registration portals.

Error Handling: Handling of errors on the web portals has changed.

(1688/1919)

Many errors were being displayed on the generic error page instead of directing the user back to the most appropriate page. When this occurred on the multi-step pages during data entry for event summaries, the user was not directed back to a step within the wizard. This reduced the likelihood of the user attempting to recover from the error gracefully.

Errors where the user could attempt recovery are now displayed towards the top of the page within one of the wizard steps. Error messages now include additional guidance to the user on how to recover from the error and continue.

Find By External Id:

(1715)

Other identifiers (in addition to the RecordPoint identifier) associated with Consumers, Agents and Locations can now be used as search criteria.

When specifying an identifier in the search criteria the correct type of identifier must be selected in the pull down list to the right of the identifier field. If the type of identifier does not match the identifier entered, the search will not return any results even if the identifier exists.



The screenshot shows a search form with the following elements:

- A text input field labeled "Consumer ID".
- A dropdown menu to the right of the input field, currently open, showing a list of identifier types: "RecordPoint Id", "Email Address", "Health Identifier(IHI)", "Patient Medicare Number" (which is highlighted in blue), and "RecordPoint Id".
- Two buttons below the input field: "Search" and "Reset".

Searches using the identifier as search criteria will only return results that are an exact match. Partial searches using identifiers are not supported.

Note: To support searching on other identifiers, the fields on the Find Location forms have been changed to align with the existing Find Consumer and Agent forms.

**User Messages
in Banner:**

(2038)

User messages can now be included in the banner to communicate with active users in real time. For example to broadcast important messages.

3 Clinical Portal

Automatic Save: (1791) By default the system will automatically save data entered for an event summary every 5 minutes. The entered data will be saved as a pending event. If the user loses the edit session for any reason the pending event may be used to recover any data entered as it was at the time of the last save.

In addition to the automatic save, the user may trigger a manual save in 2 ways:

- Click the save icon in the top right.
- Press control-s on the keyboard with the edit window in focus.

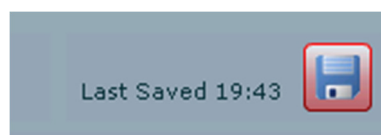
All manual save requests will reset the automatic save timer back to 5 minutes.

For all save requests (manual and automatic) if the form data has not been changed since the last save request the save request will not trigger an upload to the server. This will be indicated to the user with "(unchanged)" appended to the last upload time.



Changing any form data and triggering a save request will force the pending event to be uploaded to the server.

The user can manually inactivate the automatic save function by Alt-Clicking the save icon. The icon colour will change to red to indicate that the automatic save function has been turned off. Alt-Click will re-enable the automatic save function again. This option is important for users attaching large documents on a slow network. After attaching a large document on a slow network is it recommended to turn automatic save off.



Notes related to loss of data:

- Automatic save requests will keep the edit session to the server alive and stop it from timing out.
- The browser session will still timeout but saving pending

events can be continued. As long as the user is changing form data and the automatic save is turned on, the ability to save pending events will continue indefinitely.

- If the user stops changing form data, the edit session will timeout. The pending event would however contain the most recent form data entered.
- If the user inactivates the auto save function, there would be loss of data if it is not manually saved before the session times out.

Link to latest event summary:

(1795)

Currently links can be created that will display a specific event summary for the user. Links can now be created to display the latest event summary in a patient's record based on the archetype identifier. For example, display the latest care plan for a patient.

Condition Profile update:

(1853)

The Condition Profile configuration was updated to include additional lab result and observation codes.

Flex Window Chrome:

(1857)

The flex window in Chrome was not being set to the full height of the window. The flex window now takes up the full height of the window.

Pathology attached reports:

(1858)

Pathology entries that contain multimedia reports did not show the view/download links in the pathology index view to allow the user to access the report content. The view/download links are now shown.

Reset Consumer Password:

(1862)

Currently resetting a Consumer's can only be done within the Registration Portal. Users with the reset Consumer password privilege can now reset the password from the Clinical portal.

Attachments with uppercase extensions:

(1868)

Currently attempting to attach a filename with an uppercase extension will be ignored. These files are now handled correctly.

Ampersand in cluster names:

(1869)

Display of event summaries were not displayed correctly when a cluster with a layout of table contains a '&' in the field name. These are now handled correctly.

Validate characters in data entry:

(1910)

Characters copy and pasted into the portal event summary data entry fields can contain characters that are only supported by limited source systems. These characters can be non-standard and are not universally accepted across systems making them inappropriate for a system sharing clinical data across a diverse community.

The unsupported characters are now detected as part of normal validation processing. So they will be detected exactly the same as any other invalid data entry.

In addition, the system can be setup to automatically translate known unsupported characters to a supported equivalent. By default these include quotes and dashes. The automatic translation is performed when the user leaves the field.

For any unsupported characters remaining in the field, they will be highlighted in bold red. The user can delete them or replace them.

PIT Display:

(2002)

The PIT pathology results from Medical Director and Best Practice contained additional characters that did not format correctly in the clinical portal. Handling of these characters has been added to improve the display formatting.

Duplicate pending: (2016) Currently instead of replacing the original event, submitting a pending event created via the Edit function creates a second event. Now the Edit function will always replace the original event even if the event is recovered from pending.

Pathology print fails: (2017) Currently certain formats of pathology reports are causing the generation of a print view for the Event Summary to fail. Print views will now be generated for these Event Summaries.

General Observation Date: (2043) Currently General Observations are not showing their observation date. The date is now shown against each observation in the Event Summary view.

Attachments retained: (2045) Currently if a pending event is recovered or the user returns to step 2 from step 3, any attachments had to be re-added. Attachments are now retained.

4 Server and Configuration

Outbound Queues:

(1804)

The sending of emails and POST requests to external systems is now processed through an outbound JMS queue. This insulates the RecordPoint server from the response and throughput capabilities of the external services.

Currently a delay in an external system response for an email or POST request will impact on RecordPoint users.

Outbound Medical Objects Interface:

(1825)

Notifications can now be sent to a clinical system inbox via Medical Objects. The destinations include any supported Medical Objects destination. Links to the Consumer and/or an Event Summary that will display in the RecordPoint portal can also be included in the notification.

New Office formats:

(1908)

Include the new MS Office formats to the supported multimedia types configuration. This is used in the portal data entry and RecordConnect to validate supported attachments. File not in the supported list cannot be used as attachments in Event Summaries.

The new MS Office formats are 4 letter extensions ending in 'x', for example "docx".

DVU empty section:

(1918)

The Database Validation Utility was reporting a false negative when all entries in a section are struck through. The utility now correctly recognises the situation as valid.

Cluster values in reporting database:

(1928)

The Configurable Reporting Data Loader could not extract values from within clusters. Values contained within clusters can now be included in the reporting database.

Cluster values in reporting database:

(1930)

The Configurable Reporting Data Loader could not distinguish entries based on the section they were contained in. Now identical entries from different sections can be identified in the reporting database.

Common java script library:

(2000)

Currently java scripts were independent and had no common context. This meant that common functions and routines had to be replicated across scripts. A common library is now available to provide a shared context.

Separate multimedia databases:

(2009)

Currently all multimedia is stored in the main database. When the number and size of the stored multimedia reaches a certain point it interferes with the smooth functioning of the production database. Multimedia can now be stored in various dedicated multimedia databases.

DVU for single event summary:

(2012)

Currently the Database Validation Utility must be run across all event summaries in the system. A new option has been added that specifies a single event id to validate.
