Department of Veterans Affairs (VA)

Research Administrative Management System (RAMS)

R1605 Release Notification



October 2016

**Contract VA118-11-D-1008, Task VA118-1008-0075**

Revision History

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# Introduction

The Department of Veterans Affairs (VA) Office of Research & Development (ORD) announces the release of Research Administrative Management System (RAMS) v1605. These release notes detail the changes to the RAMS product in this release.

This RAMS Release Notification document describes changes to the existing software and/or additions of new features and functions created as a result of defect resolution or perfective maintenance during Operations and Maintenance.

# Release Information

RAMS 1605 is a maintenance release which resolves a total of **14** work items comprised of **6** defects and **8** stories.

* Release Number = 1605
* Production Deployment Date = 10/27/16

Defect resolution has been implemented within the following high-level RAMS features:

* Required Documents in RAMS (ICF & HIPAA) Would Need to be Functional, Appropriate and Conform to Regulatory
* IRB Administrator Review Toolbars
* Graphical User Interface

# Key Fixes and/or Additions

* In dynamicMembers.js: edited attachmentsDisplay() function to map SharePoint file details to table, edited triggerUpdateModal() function to change the onclick function values for the update and close buttons
* Edited the function questionBuilder(), added the width attribute to the answer label based on the number of characters in the answer (the width is set by pixels), set a max width of 700 pixels for the longer answers so it doesn't interfere with the section tabs on the right
* Edited CSS style to .navigationArea.well element to change color to white instead of grey
* Edited CSS style of the .selecter-div and .div-table-content elements, specifically their height attributes buildReviewersComments function within RAMS\_tool was also edited to change the padding after the reviewSelecter
* Edited CSS style to blockquote element to remove left border color & padding
* in dynamicGeneration.js:
* changed the onclick() function on the '#upload-general' button to point to the new triggerUploadModal() function,
* Created the triggerUploadModal() function which builds the modal that allows a user to upload a document. The function builds the html for the modal elements using the document.createElement() and setAttribute() functions. It also uses the buildSelecterHelper() and fileSelectorBuilder() function to add dropdown and browse button. in styles.css edited file to create styles for modal window - added .modal-content, .modal-header, h2.modal-title, .modal-footer, .modal-button, .modal-button: hover and .modal-button-right
* In dynamicMembers.js: For the Attachments Section - Added link to HIPAA template in SharePoint folder, changed table header to mimic wireframe and provided the corresponding table data cells for those header columns
* Attached the new function triggerUpdateModal() to each update() button on the table rows
* Created the function triggerUpdateModal() which is structured similarly to the triggerUploadModal() function. The function creates the modal for updating the status of a document primarily using the document.createElement() and setAttribute() functions.The buildSelecterHelper() function is used to create the dropdown for status types.
* In styles.css: edited file to create styles for modal window - added .modal-content, .modal-header, h2.modal-title, .modal-footer, .modal-button, modal-button: hover and .modal-button-right. These styles are used for the upload modal as well.
* Added the id #saveAppProgress to the [Save Progress] button that appears at the bottom of each application section,
* Changed the onclick function for each question type (checkbox, radio button, text box) by replacing the call to changedQuestions.add(form question ID) with a call to the new, created function checkEnableSavebutton(form question ID),
* Created new function checkEnableSaveButton. The function adds the question ID corresponding to a user's changed answer to the variable changedQuestions and reenables the [Save Progress] button if any responses on the application section have been changed (otherwise the [Save Progress] button is left disabled)
* Note: Left the onclick function for the upload link in the upper top right corner and for the upload link in Section C, Question 5 as they were
* Added a new entry in the Answers table that mapped to the correct questionID. Your request has been process with AnswerID = 15722 in the Answer Table of SQA environment.
* Code Change: Modified function validateQuestions() in file dynamicGeneration.js to update a hard-coded instance
* SQL database change: Added a new entry in the Questions table that mapped to a text area
* Modified a parameter to an existing entry in Forms\_Questions table
* Added a new row to the Forms\_Questions table
* Edited the function validateQuestions() which creates the HIPPA and ICF generator buttons. Also removed the text area above the buttons, located in function reviewApp().
* Created "Forms Template" document library under the IRB Application Root Site with "Read" permission to everyone and enabled versioning. Uploaded the HIPAA Form Template.
* Delete record from Contained\_Forms table in the RAMS database: ContainedFormsID # 570
* Delete record from Contained\_Forms table in the RAMS database: ContainedFormsID # 569
* On the IRB Application "Root Site" added the following site columns for the "Shared Documents" library and enabled the "Versioning" feature.

Status (Choice), DateApproved (Data and Time - Date Only), Document Type (Choice)

* Edited the function buildAdminSelecters() to incorporate the new area where the checkboxes would be displayed. Added a new function selectCheckBoxes() which captures the selection of a different method of review to populate the correct options.checkboxes in the new area, and slightly modified sendAssignApp() to save the checkbox states within the ApplicationType global variable
* Edited the function actionBarBuilder which is used to build the buttons that appear above the sidebar, took out the if condition surrounding lines 1589-1607 that is used to build/add the upload link on the top right of the application sections. Previously the if statement allowed the addition of the upload link if the application was not in a read only state (readOnlyState == false)
* RAMS\_tools in the generateNavButton function, the width of the underlying navbar was set to a smaller width because it was blocking access to the links to the other parts of the website
* The function selectToText in RAMS\_tools was modified so that when each time the user clicks on View All Comments, the new versions of all comments can be pulled to a single area.
* Created a new method called "printComments" that will open a new tab and have a print-tab pop-up allowing the user to print the comments document. Methods involving user toolbars(generatePIToolTabs, generateReviewerToolTabs, generateStudyToolTabs, and generateToolTabs) were modified to include the newly created print button option
* Edited the actionBarBuilder() function - added the created function uploadFiles() to the onclick for '#upload-general' (the upload button in the upper right hand corner),
* Created function uploadFiles() which reuses code in the saveProgress function that is used to upload a file to the application's SharePoint team folder. The file is uploaded to SharePoint and a POST REST call to the RAMS database is used to note that the "question" was modified. However, someone should look into this later to make sure the data is being formatted correctly to make this POST successful.
* Changed sendFile() function - added in refreshDisplay('Files') call (under the .done clause) so that the page refreshes and redirects the user to the 'Attachments' section regardless of if they were already on the 'Attachments' section or not, changed congratulations message to note a successful upload of documents. However, I do not think this message is visible to the user due to the page refreshing too fast
* Edited styles portion of a JavaScript file, specifically the z-index element of the pace element to appear in front of all other elements in the front end. Progress bar needed an update in its css styling

# Release Report

## Stories Completed

During release 1605, the team completed **8** stories. The following table lists the story completed in release 1605:

**Table 1: Stories completed in RAMS 1605**

| ID | Summary | Impact to Business/User | Release Note |
| --- | --- | --- | --- |
| 365579 | Insert some UI indicator that the page is loading/refreshing | Resolution of Issue helps notify the user that the study was submitted  General progress bar update gives clearer information on how fast the page is loading | pace.js was updated, and pace-theme-loading-bar.css |
| 374242 | As a RAMS user I want to be able to upload required documentation to the IRB Application, so that my submission may be reviewed and approved. | Resolution of task will allow Users to see more details about their uploading documents which will provide better document tracking. | dynamicMembers.js (updated), dynamicMembers.js (updated) and styles.css (updated).  SharePoint Document Library added and RAMS Database removed two rows (569 and 570). |
| 351844 | Prevent the Save Progress button from being clicked twice without making a change on the form. | Resolution will prevent the Users from seeing a warning message after responses are successfully saved which will prevent confusion. | dynamicGeneration.js (updated). |
| 226942 | True electronic submission system (can take all new protocols, not just IRB): Updates to IRB Application Questions: Section D – Question 30. | Resolution provides more options to a particular question, allowing the user to skip unnecessary information/questions which results in a faster application completion time | SQL Answers table database update |
| 230493 | Updates to IRB Application Questions: I6158919FY16: Section A number 4. Asking where co pi is located | Resolution provides more details to an application | Front End-Artifacts: dynamicGeneration javascript file updated  Database Artifacts: SQL Answers table database update |
| 365546 | Enable the IRB Application to allow upload of attachments in a post-submitted state. | Resolution will allow the Users to attach documents to an IRB application which will help Users store related application documents in one place. | dynamicGeneration.js (updated). File resides in RAMS UI folder within RAMS Development. |
| 365548 | Enable the Assigned IRB Admin for a study to view all user entered comments in one selection. | A collated view of all comments made about the study can help the user gather more information quickly by having it all in one place. | RAMS\_tools.js |
| 365559 | Enable a [Print] button feature within the toolbar functionality. | Resolution will help the user have better access to the comments made about the study. Allowing a larger space to read the comments and feedback made about the study, and the opportunity to print out the comments help in a documentation sense. | RAMS\_tools.js |

## Defects Resolved

During release 1605, the team resolved **6** defects. The following table lists the defects resolved in release 1605:

**Table 2: Defects resolved in RAMS 1605**

| ID | Summary | Impact to Business/User | Release Note |
| --- | --- | --- | --- |
| 368587 | Clicking in the 'blank space' of the IRB Application form automatically selects answers to radio buttons and checkboxes. | Resolution of defect will allow Users to select answers they intended to select which will prevent Users from having to review an application. | dynamicGeneration.js (updated). File resides in RAMS UI folder within RAMS Development. |
| 368607 | The Disclaimer messages for Sections B, C, F, G, H, and L are difficult to read with the color contrast | Resolution of Issue creates an easier to read disclaimer message | styles.css file updated |
| 370161 | The left side of the comments window for the IRB Admin, Reviewer, and PI toolbar is longer (not even) with the right side. | Resolution of Issue creates a cleaner user interface for the toolbar sections | styles.css file and RAMS\_tools.js updated |
| 368609 | Remove the light grey vertical bar next to each question in a post submitted application | Resolution of Issue creates a cleaner and simple look of the submitted study | bootstrap.min.css file updated |

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| --- | --- | --- | --- |
| ID | Summary | Impact to Business/User | Release Note |
| 226891 | The Expedited and Exempt category questions are missing from the RAMS toolbar during the review process | Resolution of defect will allow the IRB admin to categorize the type of review method. This will help the user categorize the types of reviews | RAMS\_tools.js (updated) File resides in RAMS UI within RAMS development |
| 264393 | The IRB Admin/Reviewer is unable to navigate to the breadcrumbs links if there is a toolbar, rather they have to expand the toolbar and click [Cancel] button. | Resolution of defect will allow the users to move to the different areas of the website quickly which will ultimately help users complete the application faster. | RAMS\_tools.js is updated |