RLDatix

Release Notes

Product: RiskMan

Version: 24.10

Overview: This document describes all enhancements and fixes made to RiskMan version 24.10 (October 2024)

Last Updated: October 2024

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Introduction

This document supplies an overview of new features, and enhancements to existing features, included in RiskMan version **2410**. The earlier released version of RiskMan was 2406.

All new features introduced in a new version of RiskMan are turned OFF by default, unless stated otherwise. This allows for decision to adopt new features, decide who will use the new features and complete change management tasks.

Should you have further questions about the content of this document, please contact RiskMan Support on **+61 3 9686 5456**, or via Customer Portal

If you would like to enquire about formal training for any of the features listed in this document, please contact the training team on **+61 3 9686 0009**, or via email: training@rldatix.com.

Application Management

Security Testing

Each release is subjected to automated testing against the 10 known Open Web Application Security Project (OWASP) security vulnerabilities. The top 10 known OWASP security vulnerabilities can be viewed here https://owasp.org/www-project-top-ten/

In the event of a High rated outcome, RLDatix undertakes a risk assessment to ensure any resolution implemented will not result in a negative impact on the application. The vulnerability will either be resolved prior to release, or if unable to be resolved, the vulnerability will be internally managed on the RLDatix APAC Risk Register.

If the event of a medium outcome, then RLDatix will work to resolve the vulnerability, where possible prior to release or if unable, then the vulnerability will be placed on the development pathway.

If the event of a Low or Information Only outcome, RLDatix consider the applicability and if to be resolved included on the product roadmap for future development.

Regression Testing

Regression testing occurs prior to every release and focuses on the likelihood that Bugs may have been reintroduced into the latest version.

Any reintroduced Bugs are resolved, or the feature disabled to enable release, and the Bug managed as part of the development pathway.

Functionality Testing

Functionality testing is completed by RLDatix employees to ensure that all features are working as expected. The results are reviewed, and any issues are resolved prior to release.

Enhancements and Changes

Enhancements and changes are rated on a scale of 1 to 3 by their significance and need for training. Some enhancements and modifications made to existing system features might be invisible

Significance Scale Explanation

● ○ ○	A small change that would scarcely be noticed, or something has been made much easier than before
● ● ○	A significant change: expansion of existing functionality that may change the way you use the system
● ● ●	A major enhancement or modification that would require proper planning to be rolled out

Need for Training Scale Explanation

● ○ ○	Users may only need to be told about the change; intuitive and simple, so usually no training required
● ● ○	A change that will likely require internal training to ensure proper use; you may pick it up yourself
● ● ●	A change which is highly involved and is likely to require RiskMan training in its proper use

RiskMan

New Features and Changes

The Data Dictionary page has been enhanced to provide an option for **Includes Individual Permissions**. When this option is selected it will display the 'tick box' options from the bottom of the user template, and will show as **Yes** or blank to indicate whether the template has the specific permission enabled or not

Significance: ● ○ ○   Need for training: ● ○ ○

Module(s): Administration | Tools & Logs

Key: RMI-10674

Removed the **Welcome to RiskMan** message which appears on the Homepage on initial login for performance improvements by allowing the page to load without needing to wait for this information to disappear

Significance: ● ○ ○   Need for training: ● ○ ○

Module(s): Homepage

Key: RMI-11026

Added a NonClustered index to each of the tblFinalize tables to assist with performance:

-    IX_tblFinalize_Incidents_Username_BaseID

Significance: ● ○ ○   Need for training: ● ○ ○

Module(s): Performance | Code-related

Key: RMI-10764

Reviewed the queries behind the grid listing pages (e.g. Entered Incidents, Inbox etc) and implemented available code optimisations.

Please note, for some users they may not notice any difference in performance, whereas others will notice that the page loads faster for them as there are a few other factors which also impact page load times such as the columns displayed, filters, row counts etc

Significance: ● ○ ○   Need for training: ● ○ ○

Module(s): Performance | Code-related

Key: RMI-10805

Reviewed the queries behind the Document Library page and implemented available code optimisations which have a minor impact on the right-hand side of the page where the grid is visible.

Please note: The control used for the tree structure on the left of the page will be looked at separately via RMI-10968 in a future release

Significance: ● ○ ○   Need for training: ● ○ ○

Module(s): Performance | Code-related

Key: RMI-10808

Reviewed the queries behind the loading of the core Indicators page to make some minor optimisations to help improve the load time of the page.

Please note: Further work is required, as it has been identified that the pre-loading of the Filters in the background causes the most significant delays to the page load time, and this will be reviewed in a future release under RMI-11019 to see how the code can be reworked so that the filters can be loaded "on demand" when an indicator set is selected
Significance: ● ○ ○   Need for training: ● ○ ○
Module(s): Performance | Code-related
Key: RMI-10809

Reviewed the queries behind the Home Page widgets for **Bookmarked Records**, **Outstanding Tasks** and **Notifications** in order to optimise these to assist with the load time of the Home Page.

Please note, for some users they may not notice any difference in performance, whereas others will notice that the page loads faster for them as there are a few other factors which also impact page load times such as the number and types of other widgets displayed on the Home Page
Significance: ● ○ ○   Need for training: ● ○ ○
Module(s): Performance | Code-related
Key: RMI-10928

Added a new function to 'cache' the key field information for each register in a flat table so that areas of the system which require this information (for example the grid listing pages), are able to retrieve it faster and therefore help to improve performance on these pages.

Please note, for some users they may not notice any difference in performance, whereas others will notice that the page loads faster for them as there are a few other factors which also impact page load times such as the columns displayed, filters, row counts etc
Significance: ● ○ ○   Need for training: ● ○ ○
Module(s): Performance | Code-related
Key: RMI-10961

Modified the indexes on the tblReviewLog and tblReviewLogq tables following a review of usage and those best suited for performance, and ensured that both tables have matching indexes.
Removed the below:
-   IX_ReviewLog_Status
-   IX_ReviewLog_User
-   IX_ReviewLogq_Status
Added the below if they did not already exist:
-   IX_ReviewLog_LogStatus_Include_ReviewID
-   IX_ReviewLog_BaseID_User_Status
-   IX_ReviewLogq_LogStatus_Include_ReviewID
-   IX_ReviewLogq_BaseID_User_Status
-   IX_ReviewLogq_Username_LogStatusIncludeReviewID

Significance: ● ○ ○   Need for training: ● ○ ○
Module(s): Performance | Code-related
Key: RMI-11090

Added the below Global Setting to allow users to display some colour-coding in the Review History when using "**Classic**" style for the Entry Form

Colour Schemes | 80) Apply colour coding to Review History

When enabled the below colour-coding will apply:

Green - edits of unposted items
Purple - items are posted
Blue - journals are marked as actioned
Red - items are deleted

Items have been distributed to another user, however the user has not yet viewed the item

Please Note:

- This functionality previously existed however was removed in 2019 and is now being added back as an option via a Global Setting to give organisations the choice of whether they see the colour-coding in the review history or not.
- As the colour-coding previously only worked for "Classic" style, at this time it has only been re-implemented as an option for "Classic", and we will look to be implement for "Infinity" style in a future release under RMI-11106
- If an organisation is using "Infinity" style and enables this global setting, when using the "Quick view" option on the Grid Listing pages to view the Review History of a record, it currently displays in "Classic" style, therefore the colour-coding will appear on this window. We will look to be implement "Infinity" style on this window in a future release under RMI-11107

Significance: ● ○ ○   Need for training: ● ○ ○
Module(s): Record Management Tools | Review History
Key: RMI-10928

Added the ability to exclude enabled Sites from being displayed on the Create New User Login page by adding the Site value/s to the below list within list and code maintenance

- Sites to exclude from user self-creation pages. [ExcludeSitesFromUserSelfCreation]

This option is useful when a value may exist in the Site list, such as "Organisation-wide" as it is required for use in registers such as the Risk Register. However, when users have the ability to create their own user profile, they should not be able to select this Site.

This page is only visible to users when the below global settings have been set:

- "Users | User Control | 5) Auto Create User from login prompt" is set to "No"
- AND "Users | User Control | 10) Allow users to create their own login" is set to "Yes"
- AND "Users | User Control | 10) Allow users to create their own login" is set to "Yes"

For example, when creating a new user login, a user may see the below list of Sites they can select for where they work.

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However, the organisation may not want users to be able to select "Site A", therefore they would add this value to the "Sites to exclude from user self-creation pages", and then when a new user is creating a login, they will not have the option of Site A to choose from

Significance: ● ○ ○   Need for training: ● ○ ○
Module(s): User Management | User Profiles
Key: RMI-10794

Modified the "Edit Field" window available within User Templates/User Profiles to system administrators who also have access to Global Settings to remove the Advanced section as the options which were available in this section should not be changed as changing these can cause configuration rules to break

Significance: ● ○ ○   Need for training: ● ○ ○
Module(s): User Management | User Profiles

Key: RMI-10919

Enhanced alerts by adding a new global setting

Alerts | 130) Alert conditions required

When enabled, it will prevent users from saving an alert without any conditions. When the global setting is set to "Yes", then alerts which do not have any conditions attached cannot be saved until a condition has been added. Upon clicking save on an alert with no conditions, users will receive the following warning: "You have entered no conditions, and it is mandatory for all alerts to contain conditions. Please add at least one condition to your alert so that it is valid and can be saved" When the global setting is set to "No" then alerts which do not have any conditions attached, then the behaviour is as per current functionality whereby the warning below is displayed, and upon clicking "OK" the alert is saved, clicking "Cancel" allows the user to continue editing the alert: "You have entered no conditions, which will have the effect of firing for every possible item.

Significance: ● ○ ○   Need for training: ● ○ ○
Module(s): Global Settings
Key: 10849

Fixes

Resolved an issue on the Data Tool page where Export to Excel was not always working, and enhanced the grid on the bottom of the page to use a DevExpress control to enable in-grid filtering
Module(s): Administration | Tools & Logs
Key: RMI-10496

Resolved an issue on the Recreate Procedures page Tool page where after clicking on "Generate all standard view and functions" an error could be displayed advising a "multi-part identifier could not be bound" when a register contains table names where the ends of the names are very similar eg "Review" and "QAReview"
Module(s): Administration | Tools & Logs
Key: RMI-10496

Enhanced Scheduled Reports to add validation to prevent users from entering an invalid time range. It is now only possible to enter a maximum of '99' in the report time frame field to ensure invalid timeframes cannot be entered, such as 999 years. Therefore, if a user wishes to schedule a report for the previous 120 days of data, they will need to enter this as 4 months or 17 weeks
Module(s): Analysis | Scheduled Reports
Key: RMI-10685

Resolved an issue where the change history could give a pink screen error in the Risk Register if a change was made to the Target/Projected/Acceptable risk rating values
Module(s): Record Management Tools | Change History
Key: RMI-11001

Resolved a potential issue which could prevent the Change History from loading when there was a lot of subform data to display
Module(s): Record Management Tools | Change History
Key: RMI-10815

Resolved a potential issue which could prevent the Change History from loading when there was a lot of subform data to display
Module(s): Record Management Tools | Change History
Key: RMI-10815

Resolved the following issues which could occur with extended lists:

- When creating a filter based upon a numeric field, it will now handle the field being empty whereas before it would cause a pink screen error
- If a pink screen error is generated, it will now be logged into tblErrorLog

Extended lists have also been enhanced so that it is now possible when being used in a subform to specify within the configuration a sort order. Previously it would sort based on the order the entries

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were added to the list, therefore if a new entry is added it would appear at the bottom of the list and not obey the sort order column
Module(s): Record Management Tools | Configuration
Key: RMI-10733

Resolved an issue when using the "Quick view" option on the Grid Listing pages to view the Review History of a record to ensure that it displays correctly across the width of the window. Previously it was only utilising half the width of the window.
Module(s): Record Management Tools | Grid Listing Pages
Key: RMI-11098

Resolved an issue where the review history would not display when it contained a username with a backslash symbol, ie \, in the name
Module(s): Record Management Tools | Review History
Key: RMI-10756

Resolved an issue when using LDAP logins and the global setting "Users | User Control | 150) Update user details whenever a user logs in" was not set to **Yes** could cause login to fail, presenting users the message "Your login details were not accepted. Must declare the scalar variable "@LDAP_site"

The workaround was to enable the global setting; however, this fix allows for the logins to work when the global setting is disabled.
Module(s): User Authentication | LDAP
Key: RMI-10952

Resolved an issue when new users are created upon initially logging in to RiskMan via LDAP, SAML or ADFS under the following scenarios to ensure that the "Last Login Date" within the user profile is being populated:

1. Global setting for "Users | User Control | 5) Auto Create User from login prompt" is set to "Yes"
   OR
2. Global setting "Users | User Control | 5) Auto Create User from login prompt" is set to "No"
   AND "Users | User Control | 10) Allow users to create their own login" is set to "Yes"

Module(s): User Authentication
Key: RMI-10675

Resolved an issue for SAML users whereby clicking an email link which they received as a delegate for another user was not automatically redirecting the user to the delegated access after logging in to RiskMan. Whilst the user was being directed to the record the link related to, it was trying to access the record under the logged in user's account, and not that of the delegate as intended.
Module(s): User Authentication | SAML
Key: RMI-10374

Resolved an issue in SAML when storing the sessions within the database in order to ensure the old sessions are cleaned up after 7 days. Note this does not impact audit logging data which is stored in the audit log tables
Module(s): User Authentication | SAML
Key: RMI-10813

Resolved an issue in SAML when storing the sessions within the database in order to ensure the old sessions are cleaned up after 7 days. Note this does not impact audit logging data which is stored in the audit log tables
Module(s): User Authentication | SAML
Key: RMI-10813

Resolved an issue on the "Create new user" page which would occur when a Site value containing a single quote in the name was selected e.g. "St Andrew's".

This page is only visible to users when the below global settings have been set:

- "Users | User Control | 5) Auto Create User from login prompt" is set to "No" AND " Users | User Control | 10) Allow users to create their own login" is set to "Yes"

Module(s): User Authentication
Key: RMI-11042

Resolved a few issues on the My Workspace | Edit My Managers page including:

- Ensuring that any changes made to the columns/filtering persisted whilst the user is logged in
- Ensuring that navigating between pages within the grid correctly persists the filtering which was added
- Ensuring that if you add grouping to the grid it can now be removed
- Setting the grid to obey the global setting for "Item Entry Defaults | Form Options | 50) How many items to show in a multi-select lists?"

Module(s): User Management | Edit My Managers
Key: RMI-10553

Resolved an issue when exporting the user registry where the URL would include a double slash in the file path.

Please note that whilst the double slash was being added to the file path, Windows was still correctly interpreting the temporary location for exporting the file to, and it was therefore not causing any issues for users.
Module(s): User Management | User Registry
Key: RMI-10682

Roam

New Features and Changes

Implemented Android App Bundle

As per Google Play Store recommendation, the Android version of the Roam app is now created via Android App Bundling, and is therefore an aab file instead of the previous apk file

Significance: ● ○ ○   **Need for training:** ● ○ ○
Module(s): Roam | Mobile App
Key: RMI-10775

As per Play Store recommendations, a deobfuscation mapping file has now been uploaded as part of the app bundle.

Note: there are no visible changes within the app for this item
Significance: ● ○ ○   **Need for training:** ● ○ ○
Module(s): Roam | Mobile App
Key: RMI-10776

As per Play Store recommendations, a debug symbols file has now been uploaded as part of the app bundle

Note: there are no visible changes within the app for this item
Significance: ● ○ ○   **Need for training:** ● ○ ○
Module(s): Roam | Mobile App
Key: RMI-10777

Enhanced the Error Logging so that if an error occurs within the Roam app, if the user is online and can connect, the error message can try to automatically send back to the RiskMan database and add to the error log table
Significance: ● ○ ○   **Need for training:** ● ○ ○
Module(s): Roam | Mobile App
Key: RMI-10492

Added the ability to audit additional events in Roam if required by enabling the logging options in the "Audit Log Settings" list within list and code maintenance.

The below additional options are now available to be optionally audited:

Event Key	Description
Get Latest Build	This will log the GUID of the passkey which has been used when a user logged in to Roam
Get Latest Build Number	A user has clicked on the "Get Latest" option within the Roam settings/information screen. This will log GUID of the passkey which has been retrieved
Get List	This will log an entry when a user logs in to Roam and the passkey is downloaded to their app, noting the number of lists included in the passkey
Create Document Base64	A user has submitted a record from Roam to RiskMan with a document uploaded using the standard upload method
Create Document FileUpload	A user has submitted a record from Roam to RiskMan with a document uploaded using the Base64 method. Note: this option is only used if the relevant key has been added to the website.config
User Status Success	A user has been validated against their registered Device ID and the passkey. Note when this option is enabled, it will log in the following instances: - Logging in to Roam with a new passkey will create multiple entries as the function performing the check runs at different points during the login and downloading process - When clicking the "Get Latest" option it will create a couple of entries - Upon submit of a record it will create a single entry

Significance: ● ● ○   Need for training: ● ○ ○
Module(s): Roam | Mobile App
Key: RMI-9950

VHIMS

New Features and Changes

Added "Error" search capability to search the technical messages

A new option has been added to the Search Criteria section of the page for "Search VAHI technical error message".

When a value is entered into this field and users click **Apply** then the value which was entered will be searched for within the VAHI technical error message.

Please note, as this is searching the technical error message returned from the Department, you do need to ensure you are entering search criteria based upon the **technical error** which is visible when you click the "Please click here to see the technical error message if required" option, and not searching based on the friendly message displayed by default.

For example, if you enter in the search "contributing factors", then no records will be returned. However if you enter "contributing" or "contributing_factors", then all incidents which have failed transmission due to a missing value in the contributing factor will be displayed as the technical information returned from the Department is for the field "followup.contributing_factors".

Please also be aware that the _ is a SQL wildcard character therefore if you enter incident_date, it will not only find incidents which have failed transmission due to an issue with the incident date, but also anywhere the Date Closed has not been completed as the technical error from the Department includes includes "Detail: Invalid date. The date cannot be before the incident date"

Significance: ● ● ○   Need for training: ● ○ ○

Module(s): API | VHIMS

Key: RMI-10559

Added the ability to retrieve the JSON for a record. When a record has been selected in the grid, an icon will be displayed on the top-right of the page for "Retrieve JSON". When this is selected it will open the "Retrieve JSON" window allowing the JSON message for that record to be copied out into notepad/Word for sending on when this information has been requested by The Department or RLDatix.

Previously this information was only able to be obtained from the VAHI Test page with the assistance of RLDatix support, and you needed to know the ID and Type of Data to be able to retrieve the correct JSON

Significance: ● ○ ○   Need for training: ● ○ ○

Module(s): API | VHIMS

Key: RMI-10503