

Release Notes

Product: RiskMan

Version: 2406

Overview: This document describes all fixes made to RiskMan version 2406
(June 24, 2024)

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Introduction

This document supplies an overview of new features, and enhancements to existing features, included in RiskMan version **2406**. The earlier released version of RiskMan was 2403.

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 [SupportHUB](#)

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

Minor updates have been made to the "(Admin) SAML Value Mapping" list to improve the sort order and modify the help text

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

Module(s): Administration | List & Code Maintenance

Key: RMI-10671

Enhanced Alerts Management Version 2 grid to enable users to add the following columns through the Change Columns functionality:

Column Name	Description
Uses Chaining	This is a Checked / Unchecked (yes / no) option. When checked is selected it will show all alerts set up with Alert Chaining on the Processes tab
Chaining Depends Upon	This is a concatenated list of all alerts specified in the Alert Chaining section on the Processes tab of the alert
Contains Process	This is a Checked / Unchecked (yes / no) option. When checked is selected it will show all alerts with Processes selected on the Processes tab
Processes Implemented	This is a concatenated list of all processes which have been selected in the processes section on the Processes tab of the alert

When visible on the grid, users will then be able to filter to those alerts which match their filter conditions, the same as all other columns in the grid

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

Module(s): Alerts | Alert Management Grid

Key: RMI-10359

It is now possible to enable register record 'locking' functionality via the Global Settings to prevent two or more users from editing the same record at the same time.

When enabled, the record locking works by notifying the server that a user has opened the record and placing a 'lock' in it for the user. When another user opens the same record whilst the lock is in place, they will receive a notification advising that the record is locked, and they will be able to open the record in a read only mode so that they can still view the record but cannot make any edits.

Global settings to be enabled/configured are:

- Item Entry Defaults | Record Locking | 10) Enables record locking to prevent two users editing the same record
- Item Entry Defaults | Record Locking | 20) Lock Lifespan, how long to hold a record lock (in seconds)
 - Indicates how long to hold a lock before releasing it. The default is 30 seconds

- When a record is locked, the browser communicates with the server regularly to inform the server that the user is still using the record. If the server does not receive a lock confirmation within the period specified here, then the lock will be available for another user
- Item Entry Defaults | Record Locking | 30) How frequently to confirm a record lock is still required (in seconds)
 - This setting indicates how frequently the browser will communicate with the web server to confirm a lock is still required. The default value is 14 seconds
 - This value should be significantly smaller than that specified in the Lock Lifespan global setting since communication takes time and can vary

This functionality works by the browser communicating with the server frequently to maintain the lock, and the lock will automatically expire after a period (as per the Global Settings) if no communication is received by the server, thus allowing another user to edit the record.

Note: While normally very reliable, this process does have limitations. Notably, if a user switches to another tab in the browser or minimises the browser then communication with the server may not occur frequently enough to maintain the lock. This is outside the coding options available and cannot be resolved. If a user opens a record and doesn't navigate away, then the record will be locked indefinitely.

Despite these minor limitations this functionality can be quite helpful

For those clients with existing record lock functionality, this has been implemented in the system via configuration, and will remain unchanged and continue to work as it always has. If you wish to change your system to use the Global Settings for the record lock functionality instead of your local configuration, please contact your RiskMan Account Manager to discuss having your configuration modified to remove the existing lock functionality. If you have existing functionality via configuration and also enable the Global Setting, RLDatix cannot guarantee the outcome of the two configuration and core code functionalities trying to perform the same function

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

Module(s): Record Management Tools

Key: RMI-10484

A new Global Setting has been added to hide the **Make these changes available to all authorised users'** checkbox on posted records. Item Entry Defaults | Item Version Management | 35) Automatically set the above action to **Yes** and hide this option

When editing a posted record, there is normally an option displayed saying **Make these changes available to all authorised users** or similar wording (as specified in Item Entry Defaults | Item Version Management | 20) Description to appear above the "Post" and "Update the Posted Record" buttons on the form for the above action). This means that a new unposted version mirroring the posted version is created when this the posted version is updated. This is good because any changes or updates made to the record (posted or unposted) are available to be included in the next version.

Historically, the option existed because of the rare case where the posted version may have confidential information not appropriate to be read by the original submitter or other involved parties. In practice, this proved too difficult to manage and caused potential overwrite issues if not managed correctly. Problematic entries now tend to be handled by restricting access to the whole record via the alerts. Setting this option to **Yes** (recommended) hides the option, preventing incorrect use.

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

Module(s): Record Management Tools | Review Form

Key: RMI-10396

Enhanced LDAP settings to enable mapping of the following additional attributes:

Attribute Name	Description
Site Restrictions	If LDAP returns more than one value, only the top one will be accepted
Location Restrictions	If LDAP returns more than one value, only the top one will be accepted
User Settings	This value can be used to populate the UsersSettings field in UserProfile table upon auto user create or after the user logs in. This field is not visible through the RiskMan interface, but the value can then be used for post processing, however, currently has no defined purpose

Where the Site (or Location) values do exist in LDAP, but are NOT an exact match to those which have been used in RiskMan, in addition to adding the attribute to the global settings, the "(Admin) LDAP Value Mapping" list will also need to be populated with the mapping of the LDAP Site/Location value to the respective RiskMan Site (or Location) value

This mapping list can also be used to map any combination of the Site, Location, Email and User Position, and they will be processed based on the Sort Order. If a mapping match is found, then it will map as per the values in the first row found (i.e. smallest sort order) and will not continue to search for any further matches for that specific attribute. Mapping will continue for each matched row until all target fields, Site, Location Position and Template are mapped, or all rows checked.

Multiple match values on a row is fine and all must match for the row to be considered.

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

Module(s): User Authentication | LDAP

Key: RMI-10447

Added a new Global Setting which is relevant to LDAP / SAML environments under Users | User Control | 20) Prevent the Username being modified on user creation. When enabled, this Global Setting will prevent any modification of a username provided by LDAP / SAML so that it is not automatically created with a number incremented if the username already exists in RiskMan. For example, if RiskMan already contains a user with a username of jsmith, if a new LDAP / SAML user tries logging in (with different credentials) where they have a username of jsmith they will be unable to login, whereas previously, they would be created in RiskMan with a username of jsmith1

This prevents creation of a new account when there is a possible mismatch in the login credentials, and a RiskMan administrator would need to then check the existing user account to confirm if it is the same user and then relink to the new LDAP / SAML account, or if it is a different user to create a new RiskMan account setting the RiskMan username manually to have a number on the end

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

Module(s): User Authentication | RiskMan Logins

Key: RMI-10587

Enhanced the User Profile page in SAML environments to allow RiskMan administrators to have the ability to modify the SAML Username and SAML Unique Identifier.

To enable this functionality the below global setting would need to be enabled:

- Users | Authentication | SAML Details | 30) Allow editing of SAML link values on the User Profile page

Once the global setting has been enabled, users will now have an **Enable SAML Link Edit** button to the right of the SAML account fields, and upon clicking this button the fields will become editable.

The additional step of needing to click the button as well as having the Global Setting enabled is to ensure that users consciously decide to modify these details to ensure that there are no accidental changes made to these which can be difficult to reverse

Note: SAML account links may be technical and are usually not known by RiskMan administrators, therefore this option will be left as the default value of No in most environments

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

Module(s): User Authentication | SAML

Key: RMI-10489

Enhanced both SAML and LDAP authentication to allow a users' details to be updated in RiskMan when they login if they have changed in the authentication provider and the field has been marked as allowed for update. This is useful for ensuring that when a users' name or email for example are changed, that these changes are also reflected in the RiskMan user profile. By default, the Display Name and Email will be set to **Yes** to update, any other fields which should be updated directly from SAML / LDAP whenever a user logs in will need to be set in the respective list.

For **SAML** clients, to specify which fields can be updated whenever a user logs in, this is specified in the "(Admin) SAML Attribute Mapping [SAMLAttributeMapping]" list by setting the "Update at Login" column to **Yes** against the relevant fields

For **LDAP** clients, to specify which fields can be updated whenever a user logs in, this is specified in the "(Admin) LDAP Update at Login [LDAPUpdateMapping]" list by setting the "Update at Login" column to **Yes** against the relevant fields

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

Module(s): User Authentication | SAML

Key: RMI-10490

Enhanced the Global Settings to allow the selection of "Excel Workbook (XLSX)" as the default report file format for the following report settings:

- Reports | 20) Default report file format for generating reports
 - For Reports Version 2 it will automatically select the Microsoft Excel (.xlsx) - Grid Format option
 - For Reports Version 1 it will automatically select the Excel Workbook (XLSX Grid Format) option
- Reports | 30) Default report file format for generating Feedback reports
 - For the old Feedback reports page, it will automatically select the Excel Workbook (XLSX Grid Format)

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

Module(s): Global Setting | Report Format

Key: RMI-10449

Enhanced the Data Import tool to ensure that it can handle subform report views which have been named the same as the standard subform data views.

For example, in the Risk Register all clients have the Action subform which has a standard data view called "vwSF_RRAction". Several clients have a subform reporting view for Overdue Actions, and in the database the view has been named "vwSF_RRAction_Overdue" instead of "vwRpt_RRAction_Overdue" which was causing an issue for the import tool as any custom-created views should not be called vwSF_XXXX"

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

Module(s): Administration | Data Import

Key: RMI-10451

Fixes

Resolved an issue in List & Codes Maintenance which users have likely never noticed whereby if in the List Structure setup (undertaken by RLDatix staff), a default value has been specified for the "Enabled" column to set it to "Checked" (i.e. enabled) it was resulting in the column defaulting to unchecked. The specific behaviour for the setup of the Enabled column is to not specify a default and it will be automatically checked (i.e. enabled), however it will now also treat the following default values if they are specified as meaning the column should be checked when creating a new list value: 1, Yes, Checked, True, On

Module(s): Administration | List & Code Maintenance

Key: RMI-10457

Resolved an issue in Alerts Version 2 where the **Contains the keyword** and **Does not contain the keyword** alert condition for drop-downs was not allowing users to enter in a value, but instead forcing them to select from the list of values. Now when users select either of these filter options, they will be able to manually enter in the value they wish to use in the **[select an option]** field.

Note: Any fields which have been added to the "(Admin) List fields with coded list Values

[ListsWithCodedValues]" list, they will not see the Contains the keyword and Does not contain the keyword filter options

Module(s): Alerts | Alerts Version 2

Key: RMI-9952

Resolved an issue in the Edit Managers page where any grid filtering which was applied was being cleared upon navigating to the next page of results

Module(s): Miscellaneous

Key: RMI-10393

Resolved an issue in Broadcast Message which prevented users from selecting a secondary named user as a recipient after they have selected the first named user and then click on "Filter List" to search for another named user

Module(s): Miscellaneous

Key: RMI-10507

Modified the "Recreate Procedures" functionality in RiskMan which builds the register views in the database (i.e. those named vwReg_XXXX) to ensure that only those fields which are enabled within the configuration are included in the view.

This change has been made as a SQL view can hold 1024 fields only (this is a Microsoft SQL Server limitation and not specific to RiskMan) and previously, these views retrieved every field from the tables used within the configuration, even if the field is not enabled or included in the configuration, resulting in large numbers of obsolete fields within the register view.

If there are fields within the extension tables which are not specified within the configuration of a register, however are required in the register view (for example it might be a field populated only within the database to store hidden information), this can still be included in the view by adding it to the "(Admin) vwReg view additional fields "[ViewAdditionalFields]" list with the assistance of RiskMan support

Module(s): Record Management Tools | Configuration

Key: RMI-10350

Resolved an issue which could occur when reviewing a record where the only change made is to mark a journal as "actioned", and then upon navigating away from the page the warning of unsaved changes was displayed. This warning should not appear if the only change made was to a journal given they save automatically, and are therefore independent of the saving of the parent record.

Module(s): Record Management Tools | Journals

Key: RMI-9900

Resolved in an issue in Personal Alerts which could result in a user receiving a pink error screen if they selected the end date of the alert as "Forever"

Module(s): Record Management Tools | Personal Alerts

Key: RMI-10509

Resolved an issue in the non-posting paradigm (e.g. Risk, Quality) when clicking on "Print Preview" while reviewing a record to ensure it prints a copy of the version of the record the user is viewing as opposed to always printing the most recent version

Module(s): Record Management Tools | Review Form

Key: RMI-10593

Resolved an issue in Reports Version 2 where the **Contains the keyword** and **Does not contain the keyword** report condition for drop-downs was not allowing users to enter in a value, but instead forcing them to select from the list of values. Now when users select either of these filter options, they will be able to manually enter in the value they wish to use in the "[select an option]" field.

Note, for any fields which have been added to the "(Admin) List fields with coded list Values [ListsWithCodedValues]" list, they will not see the "Contains the keyword" and "Does not contain the keyword" filter options

Module(s): Analysis | Report Filtering

Key: RMI-9956

Resolved an issue which could occur when trying to save a report to the **My Reports** in a site containing many existing saved My Reports where it would cause a pink screen error and the report would not save the conditions

Module(s): Analysis | My Reports

Key: RMI-10577

In My Reports, removed any invalid saved reports which do not have any conditions attached to them, as these would cause the user to experience a pink screen error on trying to open the saved report and it would not run

Module(s): Analysis | My Reports

Key: RMI-10631

Resolved an issue with Risk Heat Map Vsn 2 where the page would not load if the "U" value had been deleted from the "(Risk Register) Risk Matrix [HazardRiskMatrix]" list

Module(s): Analysis | Risk Heat Map Vsn 2

Key: RMI-10706

Resolved an issue in Analyser Filters where after saving changes, the updates are not being automatically redisplayed on the page (they were saved in the database), and were only visible after closing the filter and re-opening it again

Module(s): Analysis | Analyser Filters

Key: RMI-10706

Enhanced the User Registry export to export the results to XLSX instead of XLS

Module(s): User Management | User Registry

Key: RMI-10683

Modified the User Registry export to remove the hyperlinks from the Username column in the exported file to support the ability to export more than 65,530 rows of data which is not possible when there are hyperlinks in the Excel file due to a limitation of Excel only capable of handling a maximum of 65,530 hyperlinks in a file.

Note: this URL was not previously directing users to the relevant User Profile page when users clicked on to it, as the URL would direct to the download location of the file and not the RiskMan site, therefore no functionality has been lost by removing the hyperlink.

Module(s): User Management | User Registry

Key: RMI-10684

Known Issues

No known issues reported

Roam

New Features and Changes

In the "Information Screen" within the Roam app, added the RiskMan version number to assist with troubleshooting and to allow users to see not only the Roam version, but also the RiskMan version.

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

Module(s): ROAM | Mobile App

Key: RMI-10043

The Roam Script builder has been enhanced to now display the size of the script in the bottom right of the page when editing a script. This will assist users in knowing how large the script is as there is a limit on how large a script can be before it will cause storage issues as well as potential performance issues on devices.

The following displays have been implemented based on the script size, along with the colour background which will show in the script builder where it displays the size:

- 0 to 1,500,000 bytes: No colour with black font
- 1,500,000 to 1,900,000 bytes: Colour highlight is yellow
- 1,900,000 to 2,000,000 bytes: Colour highlight is orange
- Greater than 2,000,000 bytes: Colour highlight is red

NOTE: These are guides only based on storage size, it is still possible to experience performance issues within Roam script builder or whilst downloading the passkey to a device for scripts of smaller sizes than the above. It is also still strongly recommended that scripts should be kept minimal in line with the intended purpose of Roam which is to allow users quick entry of the key information when they are away from their computers, therefore any script over 1,000,000 bytes is likely becoming too big and moving away from the purpose of Roam and what it has been designed for

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

Module(s): ROAM | Script Builder

Key: RMI-10493

Fixes

Resolved an issue with the keyboard when users are entering a large amount of text into a text area field so that the keyboard will no longer sit over the top of the text if it extends down the screen. Instead, a scroll bar will now become visible when the text reaches the keyboard so users can see everything they are typing, and scroll up/down as required

Module(s): ROAM | Mobile App

Key: RMI-10080

Known Issues

No known issues reported

VHIMS

New Features and Changes

Added the ability to Revoke (delete) records previously transmitted successfully from the transmission log page. For records which have previously been transmitted successfully to VAHI, it is now possible to revoke these records so that they are deleted from VAHI's system.

This option may be required where a record was incorrectly entered for the wrong site or notification type and has been transmitted. However, on review of the record it is identified the incorrect value was selected and is updated to the correct value. The record now requires deleting from VAHI's system as it is not valid data to send to VAHI, but the RiskMan record needs to remain as it is still a valid RiskMan record.

To revoke a record from VAHI, on the VAHI log page after check marking a record a "Custom Actions" will display beside the "Clear Filters" at the top left of the page. From here, users can select "Revoke"

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

Module(s): API | VHIMS 2

Key: RMI-10364

Added the ability to Revoke (delete) & Retransmit records previously transmitted successfully via the transmission log page

For records which have previously been transmitted successfully to VAHI, it is now possible to revoke these records so that they are deleted from VAHI's system and then have them automatically retransmitted to VAHI again.

This option may be required where a record was previously transmitted to VAHI successfully and will later receive an error, and it has been found by deleting and resending the record to VAHI it resolves the issue.

To revoke and retransmit a record from VAHI, on the VAHI log page after check marking a record a "Custom Actions" will display beside the "Clear Filters" at the top left of the page, and from here users can select "Revoke and Retransmit"

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

Module(s): API | VHIMS 2

Key: RMI-10365

Added the ability to Retransmit records previously transmitted successfully via the transmission log page. For records which have previously been transmitted successfully to VAHI, it is now possible to retransmit these records from the VAHI log page without needing to open the incident and save it again.

To revoke a record from VAHI, on the VAHI log page after check marking a record a "Custom Actions" will display beside the "Clear Filters" at the top left of the page, and from here users can select "Retransmit"

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

Module(s): API | VHIMS 2

Key: RMI-10366

Added the ability to remove records from Most Recent Log which have not transmitted successfully via the transmission log page.

For records which have never transmitted successfully to VAHI, as they may be ones which are never meant to be sent and are therefore receiving errors each time they try as the records fail initial VAHI validation, it is now possible to remove these from the VAHI log.

To remove a record from the VAHI log, after check marking a record a delete icon will display at the top right of the page and clicking on this will show a warning to users that if they continue the record will be removed from the log page, however the log records will not be removed from the RiskMan database.

Note: If a record is selected which has previously been sent to VAHI successfully it will NOT be removed from the log page even if the "Remove from VAHI log" option is selected

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

Module(s): API | VHIMS 2

Key: RMI-10367

Added the ability to remove records from the processing queue via the transmission log page.

When a record fails to transmit to VAHI, they are logged correctly in the system as failing transmission, however the record is kept in the processing queue so that on the next transmission attempt, it will try the record again. However, if the record was never meant to be transmitted the error will continue to happen and the record will remain in the processing queue.

Users can now open the processing queue on the VAHI Log page, check mark the record and select "Remove from Processing" where they will be prompted to confirm they wish to remove the record from processing.

Any records which a user removes from the processing queue will have the VAHI history updated to note they removed the record, and this will also be recorded in the review history of the record.

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

Module(s): API | VHIMS 2

Key: RMI-10502

Removed the message at the top of the VAHI Log page as it is no longer relevant given that the use of the page has changed following the automation of transmission

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

Module(s): API | VHIMS 2

Key: RMI-10481

Updated the VAHI log page export to remove the "History" column as this information cannot be exported given it is a link to another page

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

Module(s): API | VHIMS 2

Key: RMI-10482

Log Table Schema Change | The schema of tblTrans_Vhims2_UniqueIdentifiers has been modified to add the SourceData column to the table to enhance performance queries

Note: there will be no visible change within RiskMan for users, as this change is related to the table and storage of data only

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

Module(s): API | VHIMS 2

Key: RMI-10505

Previously on accessing the VAHI Log Page for the first time after logging in to RiskMan it would be defaulted to show the previous month and all records. Following feedback from Health Services, this initial view on opening the Log Page has been changed as below.

On opening the page for the first time after logging in to RiskMan:

- The date fields will now be disabled/greyed out so that all data will be shown irrespective of the date it was added to the log
- Only records with a response type containing "error" are displayed (via the new "Show errors only" checkbox beside the date field being selected)
- The records are displayed in the grid in ascending order from oldest to newest

If you wish to view all records which have been transmitted, then upon unticking the "Show errors only" checkbox and clicking "Apply" the following will occur:

- The date range will default to the previous one month, and the fields will be enabled so that you can enter the date range you are interested in
- All record types which have been transmitted either successfully or unsuccessfully will be displayed
- The records will be displayed in the grid in descending order from newest to oldest

Whilst working within RiskMan, it is possible to navigate away from the page and the grid settings and any filtering which have been applied will be persisted within the session i.e. it will be persisted until you log out. Upon next logging in to RiskMan, the default view will be displayed again

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

Module(s): API | VHIMS 2

Key: RMI-10560

Fixes

No fixes required

Known Issues

No known issues reported



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