- Release Notes -

Product: RiskMan

Version: 22.06

Overview: This document describes all fixes made to RiskMan 2206
(release date June 08, 2022).

Last updated: June 8, 2022

CONTENTS

INTRODUCTION

This document supplies an overview of new features, and enhancements to existing features, included in RiskMan version **2206**. The earlier released version of RiskMan was 2203.
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.

This document does not include corrections, improvements, bug fixes, and other "invisible" changes made to the back end of the system, however an exhaustive list of these modifications can be found by navigating to *Help > Release History*.

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.

UPGRADING TO VERSION 22.06 CONSIDERATIONS

With the 22.06 upgrade of RiskMan, certain standard core tables are to be upgraded to support **international characters** in several fields. This upgrade allows support for international character sets by default in these fields. RiskMan has several international implementations, and this support is important, but also supports special characters potentially used by any site that would previously cause issues and could not be saved.

In addition, these changes will improve performance in many situations, potentially dramatically. This is because, to support international characters the computer code must cater for them. When the data is not international enabled, a conversion takes place that can be quite slow.
The upgrade will mean a longer than usual upgrade process. It is difficult to detail precisely how long this process will take, but there are some sample timings based on actual databases with varied configurations and run on a standard development machine. A proper SQL server is likely to be faster.

Of note is that the large sample database is 10 times the size of the next smaller but took 24 times as long to upgrade. Also, the size increase was also double per record on average. This difference is due to the usage and configuration, such that each record contains about twice the data on average. This was checked and confirmed.

Total Rows across 3 tables (approximate)	Time taken to perform the conversion	Data File size increase
450 thousand records	4 minutes	
575 thousand records	5 minutes	600 Mg, file size did not increase but free space fell.
6 million records	2 hours	11.5 Gb

To determine a count regarding the above Total Rows, access the SQL Maintenance page in RiskMan, under Administration, Tools, which will display details about all the tables in the system.

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

NEW FEATURES AND CHANGES

The following RiskMan fields have now been changed to allow Unicode/Chinese characters to be used in these fields:

- Site
- Incident Location
- Program
- Clinical Area
- Specialty

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

Module(s): Form Management

Key: RMI-8075

The following RiskMan fields have been changed to remove the character limit from the field (all of these fields previously had a limit of 5000 characters or more) and also allow Unicode characters to be stored in the fields:

- Additional Reference
- Comment
- Controls Implemented
- Description
- Investigations Finding
- Response Notes
- Steps Taken
- Treatment

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

Module(s): Form Management

Key: RMI-8076

Removed details from the system that are no longer used in RiskMan to free up space in the system.

The following has been removed:

The Following tables have been dropped:

- ClaimsAudit,
- All tables ending in _CA and _RCA
- All tables prefixed with dbo.z_deprecated_xxxx

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

Module(s): Form Management

Key: RMI-8274

Added a new global setting under the "Scheduled Jobs" group called "Email delivery check frequency (seconds)".

When a value other than 0 is specified, whilst the email sending process is running, after the specified number of seconds, the global setting for "Enable Email Delivery" will be checked to see if it is still enabled or not. Therefore, if email sending is disabled in the middle of the email sending process, it will stop sending out all the emails, where previously disabling the email delivery would only take affect from the next time the email sending process was due to start

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

Module(s): Global Setting

Key: RMI-7990

Added a new global setting under the "Mail" group called "Maximum number of emails to send per cycle" allowing users to specify how many emails are to send out per mail cycle.

If the global setting is set to 0, then there are no maximum emails to send per cycle, therefore the cycle will finish once all unsent emails have been sent out

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

Module(s): Global Setting

Key: RMI-7991

Timestamps have been added to the below pages which can be seen when doing a "view source" on this page to see how long it took for the full page to load:

- RiskManPresentation.asp
- IncidentReview.asp
- RiskAdminReview.asp
- ClaimsReview.asp

This has been added for RLDatix support purposes when looking at performance issues on loading these pages

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

Module(s): System Performance

Key: RMI-7993

Added Version 4 and 5 Data Dictionary into the system so that they will automatically be delivered to all systems for users who are currently using these version *Note:* Users with access to the Tools menu can already access the standard Data Dictionary available under the Administration | Tools | Database | Data Dictionary menu which provides the options for the user to select from dropdown which register they are after, if they want lists and the output method, and they should use the data dictionary in the menu where possible

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

Module(s): Data Dictionary

Key: RMI-8001

When using the Roam Pathbuilder, the authentication page has been removed when a user clicks on "Advanced Mode" so that it is now possible to edit the script properties (i.e., Pass Key and Web Service URL) without the requirement to contact support for the authentication code

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

Module(s): Roam

Key: RMI-8322

FIXES

Resolved an issue where the License warning emails were not sending as expected to the user/emails specified in global settings
Module(s): Global Settings
Key: RMI-2872

Corrected the spelling of "threshold" in Global Settings for the Scheduler Service | Scheduler Service Server Settings | Misfire Threshold option. Also removed the duplicate "the" from the help text for this setting
Module(s): Global Settings
Key: RMI-983

When the global setting for "Require that user-created passwords meet the below strength tests" is enabled, and you are viewing a user in the user profile page and select "Do you want to change password", once you start entering a new password the password strength indicator bar will now display near the password field and not at the top of the page overlaying the register tabs
Module(s): User Management
Key: RMI-5107

Corrected the "User Registry" export to ensure that all column headings now export with the friendly column names and do not show database names for the columns
Module(s): User Registry
Key: RMI-1179

Corrected an issue where the User Registry page would give an error if there were any user profiles in the database with an invalid Site or Location restriction field as they contained empty text field instead of a null value
Module(s): User Registry

Key: RMI-7558

In the User Templates page, the text on the "Delete" button is now fully visible and not cut off
Module(s): User Management
Key: RMI-1159

Corrected old feedback templates/profiles to show permission as "Can Archive" instead of "Can Finalize" to be consistent with all other areas of the system which show "Archive" instead of "Finalize"

Module(s): User Management | Old Feedback

Key: RMI-1396

When a user template is created on the "General" tab, it will no longer create an invalid user record (which was not visible within the user interface but was included in the count of users with access to the register)

Module(s): User Management

Key: RMI-1463

In User Templates or Profiles, updated the Permission label to "Can access global Email Log" from "Can access global EMail Log"

Module(s): User Management

Key: RMI-8315

For those system that utilise the "Create New Login" page enabled, with users being able to select their Site and Location to be restricted to, the Location field will now subset based on the selected Site(s)

Module(s): User Management

Key: RMI-1172

Resolved an error on the "My Profile" page when 'Force password change' has been set to enabled in the user profile. Note, the error was NOT causing any issue with the functionality which works as expected, it is an error which only appears in the browser console if it is shown

Module(s): User Management

Key: RMI-5111

Code has been corrected to ensure that when a subform "time" field is set to "Don't Display" in the User Templates it will not produce an error

Module(s): User Management

Key: RMI-1003

Ensure that when any list fields which are specified as radio buttons within the configuration, and are set to "Mandatory" in the user templates/profiles will display the mandatory background colour highlighting as per other fields which have been set to "Mandatory" in the user templates/profiles
Module(s): User Management
Key: RMI-1011

Modified the review history to left align all columns and have the "Date" and "User" columns to be dynamically sized so they only take up as much real estate as is required for the data
Module(s): User Management
Key: RMI-8099

When a new user template is created in any of the registers (excluding old feedback), it will no longer create this template under the "General" tab as well, it will only be created in the selected register. This therefore ensures the behaviour is the same as currently occurs when a template is created on the "General" tab, it is not automatically created in any of the registers (except for old feedback where it must be created as the template names are shared)
Module(s): User Management
Key: RMI-7961

An issue with the alert conditions for text fields using the "is equal to" parameter has been corrected so that when a value is entered which contains a comma the condition will now save and run correctly recognising the comma is part of the condition to be tested
Module(s): Alerts
Key: RMI-5498

When an alert was sending an email, it would look to see if subform data was included. The system would look for all subform data even if the condition or email were not including any of this information provided by a subform. This would slow the alert processing down and was unnecessary. The system will now only look for sub form information if it is in either the condition or the email only
Module(s): Alerts
Key: RMI-6988

Changes have been made to the processing of alerts Version 2 which are set up to revoke access in order to improve the performance of these alerts

Module(s): Alerts

Key: RMI-6987

When using a user lookup field (e.g., Responsible Manager in the Risk Register) is used as an alert condition to search for a specific user, the username will be correctly stored by the alert condition allowing the alert to now be sent based upon this condition

Module(s): Alerts

Key: RMI-5763

The Risk Heat map display options has been corrected so that users are able to uncheck the "Open" option when "Open - Not Published" is still checked

Module(s): Risk

Key: RMI-1066

The obsolete "RiskMan Support" and "What's New" menus have now been removed from the Help menu as this information is now maintained in Hub

Module(s): System Help

Key: RMI-1118

The Homepage Notifications Widget count for distribution lists has been corrected to ensure it picks up the count for all registers and not just the posting paradigm registers (eg Incidents, Feedback), ensuring the count on the homepage is the same as the count on the My Workspace | Reminders & Alerts | Distribution Lists page

Module(s): Homepage

Key: RMI-1077

Corrected an issue which would allow a user to share "empty" shortcuts within a register if they had permission to "Create empty shortcuts" in the register but did not also have the "Can share shortcut" permission enabled

Module(s): Homepage

Key: RMI-5770

Corrected an issue when selecting multiple incidents to distribute which was causing the distribution list window to close after the first incident was distributed, when the distribution list window should have automatically opened for the next incident
Module(s): Record Management Tools
Key: RMI-7077

Resolved an issue when exporting from the inbox page where the "Link" column would not always display the correct data if before exporting the grid has been sorted by a column other than the ID
Module(s): List Page
Key: RMI-7329

Resolved an issue where an error would be received when updating the "Reason for linking" field when linking/delinking items
Module(s): List Page
Key: RMI-7015

Corrected an issue where the inbox would not obey sort/filter if inbox grid default columns had not been saved by an administrator OR a user had not modified their columns shown in the inbox
Module(s): List Page
Key: RMI-6696

When a user would click "Yes" in the field "Deceased?", this could produce an error. A user would expect to see further question related to the deceased, but this was not displaying those fields as expected. This has been resolved
Module(s): Incident
Key: RMI-7848

The Case Review page has been updated to ensure the "Record ID" column shows the Display ID for the records, so it is consistent with all other areas of RiskMan where the Display ID is used to identify records
Module(s): Case
Key: RMI-7885

The Case Review page has been updated to ensure that if you click on the ID of a record, it opens that record and does not give an error
Module(s): Case
Key: RMI-8070

The Case Review page has been updated so that the "Event Type" column will now display the name of the register the record relates to and no longer displays "Adverse Event" for every record
Module(s): Case
Key: RMI-8071

Resolved an issue in the InfoCentre where any widget which was filtered by a field configured to display a prefix in the available values (e.g., the Location field prefixes the Site value similar to "(Site) Location") would not return any data
Module(s): Analysis
Key: RMI-7330

In the InfoCentre, the Broadcast and Watch functionality has been corrected so that if the value selected in a broadcast widget contains a special or Unicode character, it will now correctly filter all the watching widgets
Module(s): Analysis
Key: RMI-4045

Corrected an issue to ensure that when using Reports version 1 Advanced Filters, and selecting the Activity Class, Activity Definition, Incident Class or Incident Definition fields and clicking on "Find Values" the pop-up window to select a value from is displayed and the relevant option can be selected
Module(s): Analysis
Key: RMI-5791

Corrected an issue which could occur when using advanced filters in a report if within configuration a field with an identical database fieldname has been created in two separate registers, and was specified as two different field types e.g., single select in one register and multi-select in the second register
Module(s): Analysis
Key: RMI-7967

If you add a report in the My Reports and added a schedule, when deleting that report, the schedule was not being removed and still providing the scheduled report even though the report had been removed / deleted
Module(s): Analysis | Report V2
Key: RMI-8261

In Report Library V2, for reports which contain a schedule, corrected the current schedules grid so that the second last column now has a heading of "Run Frequency" to reflect the data displayed in this column
Module(s): Analysis
Key: RMI-928

Corrected an issue in Reports Version 1 which was preventing more than one user from adding a report from the report library to the My Reports page
Module(s): Analysis
Key: RMI-8168

When using the standard Incident report of "Management Summary", it is now possible to filter the report by any field from the incident form without receiving an error
Module(s): Analysis
Key: RMI-8090

In Report Library V2, for reports which contain a schedule, corrected the current schedules grid so that the second last column now has a heading of "Run Frequency" to reflect the data displayed in this column
Module(s): Analysis
Key: RMI-928

Corrected an issue in Reports Version 1 which was preventing more than one user from adding a report from the report library to the My Reports page
Module(s): Analysis
Key: RMI-8168

When filtering a report by advanced conditions AND a footnote / comment has been added to the "Additional Options" of the report, the footnote will now print at the end of the report after the conditions
Module(s): Analysis
Key: RMI-6802

When importing lists into list & code maintenance, numeric values (e.g., postcode) can now be imported without needing to modify the import file in excel first to format the numeric value as text
Module(s): Administration | List and Code Maintenance
Key: RMI-6617

An issue has been resolved which was preventing any values from being able to delete rows in the "Incident Involved" list where the value had not been used in any of the incidents
Module(s): Administration | List and Code Maintenance
Key: RMI-4243

Resolved an issue to ensure that users who receive an email from RiskMan related to scheduled reports or old feedback, and click on the link in the email do not receive an "Invalid URL" error on logging in to RiskMan
Module(s): Email
Key: RMI-7373

Corrected the warning message in the "Journal Type" lists which is displayed when trying to delete a value which has been used in the records to ensure the Display ID is shown for the records consistent with all other areas of the system which show the ID's for records as the Display ID
Module(s): Journals
Key: RMI-1148

Corrected an issue which caused an error when a user has been delegated access by another user where the username contains a backslash or apostrophe in the username, and they selected the identify from the My Workspace | My Identity | Select an Identity page

Module(s): Delegates
Key: RMI-7424

When a previously posted incident is edited from the My Workspace - Review My menu to include a single document upload, when accepting the changes on review of the incident from the Inbox, the single document upload will now be correctly accepted so that it is possible to review the document in all versions of the incident and it is not just the name which is accepted

Module(s): Record Management

Key: RMI-971

In the Journal Follow-Up Allocated To field, a blank option has been added to the list once a user has been selected so that it is possible to easily "unassign" a journal if it no longer requires a user to be allocated

Module(s): Record Management

Key: RMI-8181

Corrected an issue which could occur when a previously posted record was being reviewed in the Inbox, and the Gender field was changed, it would show the change for this field as "Undefined" instead of the option which was selected on the unposted version. This field will now correctly display the Gender that was selected on the unposted version for accepting

Module(s): Record Management

Key: RMI-1088

When opening a file with an extension type of .rtf which has been uploaded to RiskMan in the "Attached Documents" section of the form, the document will now correctly open in Word without any errors

Module(s): Record Management

Key: RMI-4596

Resolved error with iPad login related to attempting to load autosaved records

Module(s): Record Management

Key: RMI-8203

Modified the Change History page to show where records have been created/edited by a delegate of another user

Module(s): Record Management

Key: RMI-1358

Corrected an issue with the "Search for existing records" page where a user could receive an error if they have a site restriction in their user profile and the site field is displayed on the search page as a drop-down field

Module(s): Record Management

Key: RMI-8124

Resolved an issue in the subform time fields, where an error was received after entering a time without a colon between the hours and minutes, to ensure that the colon is added upon save of the subform if it does not exist

Module(s): Record Management

Key: RMI-7909

Resolved an issue so that upon navigating away from a record (eg incident) where there have been NO changes made will no longer pop-up the warning message "Changes you made may not be saved" and asking users to confirm they wish to navigate away from the page

Module(s): Record Management

Key: RMI-8057

Updated the autosave feature to ensure that if a journal is part of an autosave, and the action button on the main form is clicked, this change is saved with the autosave record (the same as it would be if a journal clicked edit and marked the journal as actioned from within the journal edit screen)

Module(s): Record Management

Key: RMI-8142

An issue has been corrected in the "Action Journal" window which previously allowed a user to enter any value into the "Task Completion Date" field even if it was not a valid date. The invalid data would not be saved, however it allowed users to bypass completion of this mandatory field when the global setting for Item Entry Defaults | Journals | 40) When a Journal is actioned, it is mandatory to enter the "Task Outcome" and "Task Completed Date" fields is enabled

Module(s): Record Management

Key: RMI-8213

Resolved an issue where shortcuts were not correctly saving unicode characters, resulting in fields displaying data as a question mark instead of the unicode character upon opening a shortcut
Module(s): Record Management
Key: RMI-7853

When a date field is set to read only in the User Profiles/Templates the date field will now obey this setting when entering/reviewing records. On the main form the date picker will not be available to select and clicking on the field will not open the date picker. Within subforms the date picker will display, however users cannot change the selection as it is not possible to click a value to select
Module(s): Record Management
Key: RMI-6661

When using IE11 or Firefox, upon opening Excel spreadsheets which have been uploaded to RiskMan in the "Attached Documents" section of the form, a warning will no longer be displayed to users advising the file format and extension do not match and the file will open as an xlsx document and not an xls document
Module(s): Form Management | Attach Documents
Key: RMI-7469

Corrected an issue identified with autosave which was not visible to users, however, was adding an entry in the error log if a register was set up to use page preorientation rulesets
Module(s): Error Log
Key: RMI-8376

Changes have been made to auto posting in the system to assist with system performance improvements
Module(s): System Performance
Key: RMI-7997
Implemented optimisation in the system for the entry forms to assist with system performance
Module(s): System Performance
Key: RMI-4792

Resolved an issue where after filtering to find a user on the Management Hierarchy page it would select the user, but also put all other users in the system in the drop-down causing performance issues
Module(s): User Hierarchy
Key: RMI-6523

Removed a duplicate system action which could cause the User Registry page to be slow to refresh as it was causing the grid of users to reload twice
Module(s): User Registry
Key: RMI-6981

KNOWN ISSUES

The Change History is incorrectly showing text for delegate information when there was no delegate IF there is at least one version of the record created by a delegate. It does not have any incorrect usernames in it, its visuals as it shows as "Created by as a delegate of XXXX" instead of just "Created by XXXX"
Module(s): Record Management
Key: RMI-8404