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RELEASE NOTES 2.5.3


SOFTWARE IDENTIFICATION

MatrixALM 2.5.3.0-61c2ed8 and MatrixQMS 2.5.3.0-61c2ed8


This is a patch release for version 2.5.0.0-421855d and includes changes from 2.5.0.1-e434c49, 2.5.1.0-a0b27de, 2.5.2.0-75ff6b3 and 2.5.2.1-76b37c3.

CHANGES OVERVIEW

Change_I D	Title	Description
FEAT-1159	Selecting a TC and prepare it for test run, an empty pop up appears with a finish button	When you don't have any field preselected in your Test configuration, a empty pop up appears when selecting "prepare for test run" option
FEAT-1160	Wrap text in risk folder control column header	The column header is being cut when its too long.
FEAT-1161	User dropdown in Token settings displays deleted users	Deleted users are displayed and selectable
FEAT-1162	Cell size in step table being cut for smart links	In any step table, when there is a long text for smart links only is being cut. The macro elements ending with "+" have this issue.
FEAT-1163	Zenmode Does Not Display Automatic Test Result	Automatic test result is not rendereding in zen mode and it should
FEAT-1167	List of item content not displayed when	In a document, List of item section content is not displayed when option 'Do not include folders and sort numerically' is selected.


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Change_I D	Title	Description
	option 'Do not include folders and sort numerically' is selected	
FEAT-1168	Word/PDF header font size is overridden when rich text contain some unexpected content	<p>Word/PDF header font size is overridden when the field above is a rich text containing some empty <div> or <p> element. This most likely happen when user copy paste content from a document selecting content in the document and pasting it inside a rich text field.</p> <p>Here are some example of <div> being inserted.</p> <pre><div id="fid_2304" class="controlContainer ft_dhf"></div></pre>
FEAT-1170	Sign/Document cannot be generated if filter.xml/database contains duplicated serial.	<p>In some customer database we have a issue of duplicated serial caused by a bug in the past that was allowed the same serial for different items.</p> <p>You can have multiple item in the same project with a ref equals to REQ-1.</p> <p>In our new reporting engine we decided to crash when encountering this issue however this was not perfect because when customer want to generate a old sign from a old filter.xml that contains duplicated items, we crash and therefor it's impossible for customer to get their SIGN unless we disable the new reporting engine.</p>
FEAT-1171	Document generation crash when trying to render Risk with a specific risk configuration	When we try to render a list of items that contains some risk and having a risk configuration with a mitigation without changes, the new report engine crash.
FEAT-1172	The filters stays active after switching projects	Fixed an issue where filters could be incorrectly retained when switching between projects.

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Change_I D	Title	Description
FEAT-1173	You can save a label without text although it's mandatory	Fixed an issue where labels could be saved without mandatory fields, leading to display problems.
FEAT-1174	mrql date query regression bug in 2.5	MRQL date queries using operators like < produce incorrect results in v2.5 due to changes in how relative date ranges are interpreted. This regression affects search accuracy for date/time fields.
FEAT-1175	All changes are not being reflected with the date filter	When the changes dashboard is accessed and a specific date is selected, then the data displayed differs from the data in the dashboard without the date filter.
FEAT-1176	Redlining using word filters now items based on label.	Fix redlining in Word to correctly filter items based on labels.
FEAT-1177	Maintain Vertical Centering in Table Cells with Multiple Paragraphs	Fixed table cell misalignment when content is split into multiple paragraphs.
FEAT-1178	Long Risk Control titles do not break in new UI	Resolved issue where long Risk Control titles did not wrap.
FEAT-1179	Cloning /importing QMS project doesn't copy publication history anymore	Fix publication history dropdown to only show valid publications in restored QMS projects
FEAT-1180	Risk Mitigation Probability and Severity in List of	Generated risk tables show incorrect values in the Mitigation field, including mismatched probabilities for hazardous situations and harms.

Change_ID	Title	Description																																																								
	items wrong value																																																									
FEAT-1181	Risk factors are in a different order in the list of items than in the config itself	<p>When generating a report that has a list of RISK items, the risk factor for some risk items are not in the same order than the admin configuration panel order.</p> <p>Here is the configuration panel</p> <div><h3>Risk Factors</h3><ul style="list-style-type: none">Factor: Sequence of events (cause,line of text) edit delete<ul style="list-style-type: none">Weight: Probability of occurrence (probability) edit delete 1add weightFactor: Hazardous situation (Situation,line of text) edit delete<ul style="list-style-type: none">Weight: Probability of harm (harmprobability) edit delete 2add weightFactor: Harm (effect,line of text) edit delete 3<ul style="list-style-type: none">Weight: Severity (severity) edit deleteadd weightadd risk factor</div> <p>Here is inside the report</p> <div><table><tr><th>RISK-138 Design error: insulation mains supply to operator insufficient - PC, Brainnet IV amplifiers, ILS</th><th>Author: Stéphane Adams</th><th>Date: 2025/06/10 17:06:43</th><th>Revision: 8</th></tr><tr><td>Sequence of events 1</td><td colspan="3">Probability of occurrence 4 - Occasional</td></tr><tr><td colspan="4">Design error: insufficient MOOP (too high leakage curren, insufficient breakdown voltage)</td></tr><tr><td>Harm 3</td><td>Severity</td><td colspan="2">4 - Critical</td></tr><tr><td>operator burns, electrocution</td><td colspan="3"></td></tr><tr><td>Hazardous situation 2</td><td>Probability of harm</td><td colspan="2">3 - Very likely</td></tr><tr><td>Excessive enclosure current</td><td colspan="3"></td></tr><tr><td>Risk before mitigation</td><td colspan="3">1</td></tr><tr><td colspan="4">Mitigation</td></tr><tr><td colspan="4">DI-38 MOPP-MOOP insulation barriers</td></tr><tr><td colspan="4">Risk after mitigation:</td></tr><tr><td colspan="4">4</td></tr><tr><td colspan="4">Justification</td></tr><tr><td colspan="4">After reducing risk as low as possible by design, the residual risk complies with the risk acceptability criteria</td></tr></table></div>	RISK-138 Design error: insulation mains supply to operator insufficient - PC, Brainnet IV amplifiers, ILS	Author: Stéphane Adams	Date: 2025/06/10 17:06:43	Revision: 8	Sequence of events 1	Probability of occurrence 4 - Occasional			Design error: insufficient MOOP (too high leakage curren, insufficient breakdown voltage)				Harm 3	Severity	4 - Critical		operator burns, electrocution				Hazardous situation 2	Probability of harm	3 - Very likely		Excessive enclosure current				Risk before mitigation	1			Mitigation				DI-38 MOPP-MOOP insulation barriers				Risk after mitigation:				4				Justification				After reducing risk as low as possible by design, the residual risk complies with the risk acceptability criteria			
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FEAT-1182	Incorrect date parsing in the table	Date was being parsed incorrectly, when the cell value was not formatted in the user format.																																																								

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CHANGE DETAILS

F-FEAT-187 2.5.3

F-FEAT-188 Bug fixes

FEAT-1159 Selecting a TC and prepare it for test run, an empty pop up appears with a finish button

✓ CODE done ✓ IFU done ✓ FDR done ✓ DHF done

When you don't have any field preselected in your Test configuration, a empty pop up appears when selecting "prepare for test run" option

Handling properly the existing method with async way.
Now works like if there is no preselected in the config then is gonna create the XTC directly

FEAT-1160 Wrap text in risk folder control column header

✓ CODE done ✓ IFU done ✓ FDR done ✓ DHF done

The column header is being cut when its too long.

Wrapping specifically the class name of the column header properly with a white space & min width fix the cut

FEAT-1161 User dropdown in Token settings displays deleted users

✓ CODE done ✓ IFU done ✓ FDR done ✓ DHF done

Deleted users are displayed and selectable

Filtering all the users by not considering the ones that have deleted status in both user dropdown


FEAT-1162 Cell size in step table being cut for smart links

✓ CODE done ✓ IFU done ✓ FDR done ✓ DHF done

In any step table, when there is a long text for smart links only is being cut.
The macro elements ending with "+" have this issue.

All the macro elements that ends with "+" are encapsulated in class name that does the fix

FEAT-1163 Zenmode Does Not Display Automatic Test Result

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✓ CODE done ✓ IFU done ✓ FDR done ✓ DHF done

Automatic test result is not rendering in zen mode and it should

Validate properly the condition for local changes of the item

FEAT-1167 List of item content not displayed when option 'Do not include folders and sort numerically' is selected

✓ CODE done ✓ IFU done ✓ FDR done ✓ DHF done

In a document, List of item section content is not displayed when option 'Do not include folders and sort numerically' is selected.

In the source code when the option 'Do not include folders and sort numerically', we were not adding items, we were only adding folder children when building the list of item to show.

So in the case where you only selected item(s) and not folder(s), the result was empty and no content was showed.

We now add items and folder children.

FEAT-1168 Word/PDF header font size is overridden when rich text contain some unexpected content

✓ CODE done ✓ IFU done ✓ FDR done ✓ DHF done

Word/PDF header font size is overridden when the field above is a rich text containing some empty <div> or <p> element.

This most likely happen when user copy paste content from a document selecting content in the document and pasting it inside a rich text field.

Here are some example of <div> being inserted.


```
<div id="fid_2304" class="controlContainer ft_dhf"></div>
```

When generating the Word/PDF, in the rich text fields we are filtering empty <div> and <p>.

- For empty paragraph we remplace them with a paragraph containing space
- For empty div we remove them.

FEAT-1170 Sign/Document cannot be generated if filter.xml/database contains duplicated serial.

✓ CODE done ✓ IFU done ✓ FDR done ✓ DHF done

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In some customer database we have a issue of duplicated serial caused by a bug in the past that was allowed the same serial for different items.

You can have multiple item in the same project with a ref equals to REQ-1.

In our new reporting engine we decided to crash when encountering this issue however this was not perfect because when customer want to generate a old sign from a old filter.xml that contains duplicated items, we crash and therefor it's impossible for customer to get their SIGN unless we disable the new reporting engine.

After some discussion, we are now allowing the generation of SIGN/Document when we have duplicated serial.

In a scenario where we have several items with the same serial, we will only take the first item encountered in the filter.xml and discard all other items with the same serial. This reproduce the old reporting engine behavior.

FEAT-1171 Document generation crash when trying to render Risk with a specific risk configuration

✓ CODE done ✓ IFU done ✓ FDR done ✓ DHF done

When we try to render a list of items that contains some risk and having a risk configuration with a mitigation without changes, the new report engine crash.


We now check for null when look at mitigation changes. We also fixed a bug where 'RBM' or 'RAM' would be showed although it should be hidden based on configuration.

FEAT-1172 The filters stays active after switching projects

✓ CODE done ✓ IFU done ✓ FDR done ✓ DHF done

Fixed an issue where filters could be incorrectly retained when switching between projects.

Resolved a bug where filters selected in one project remained active and affected filter views in another project, even though they were not visible. This led to a mismatch between the actual active filters and the ones shown to the user. The filter state is now correctly reset or updated when navigating between projects to ensure consistency and prevent misconfiguration.

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FEAT-1173 You can save a label without text although it's mandatory

✓ CODE done ✓ IFU done ✓ FDR done ✓ DHF done

Fixed an issue where labels could be saved without mandatory fields, leading to display problems.

Resolved a bug in the label configuration that allowed saving entries without required text or icon fields, despite being marked as mandatory. This caused severe UI issues when using the affected labels in the interface.

The fix includes:

- Enforcing validation on mandatory fields during label creation or modification.
- Adding configuration checks to highlight issues for admins and CS during setup.

FEAT-1174 mrql date query regression bug in 2.5

✓ CODE done ✓ IFU done ✓ FDR done ✓ DHF done

MRQL date queries using operators like < produce incorrect results in v2.5 due to changes in how relative date ranges are interpreted. This regression affects search accuracy for date/time fields.

To fix the bug, I reverted the previous change that introduced symmetric handling for date comparisons (i.e., checking both past and future). That logic was causing queries like `checkDate < 1w` to behave incorrectly by considering dates in both directions.

Instead, I restored the original logic where we simply compare:

```
now() - dateField < rightDuration
```

Other MRQL features and comparisons remain unchanged.


FEAT-1175 All changes are not being reflected with the date filter

✓ CODE done ✓ IFU done ✓ FDR done ✓ DHF done

When the changes dashboard is accessed and a specific date is selected, then the data displayed differs from the data in the dashboard without the date filter.

The problem lies in how **auditIdMin** and **auditIdMax** are calculated. Our current audit query only considers a specific set of `au_entity` values, namely 'item', 'folder', 'label', and 'merge'. However, the touch functionality is storing audits with `au_entity = 'items'` (note the extra "s").

It's unclear whether 'items' was used intentionally or by mistake, but this mismatch causes the touch entries to be excluded from audit range calculations,

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so solved it by adding 'items' in the query while retrieving calendar, so it will bring up updated **auditIdMax**.

FEAT-1176 Redlining using word filters now items based on label.

✓ CODE done ✓ IFU done ✓ FDR done ✓ DHF done

Fix redlining in Word to correctly filter items based on labels.

Fixed an issue where label-based filtering was not applied when generating redlined documents using Microsoft Word. Previously, items that should have been excluded based on label filters were still included in the output, leading to incorrect or cluttered redlining results. With this fix, the redlining process now respects label filters, ensuring that only the intended items are included in the generated Word document

FEAT-1177 Maintain Vertical Centering in Table Cells with Multiple Paragraphs

✓ CODE done ✓ IFU done ✓ FDR done ✓ DHF done

Fixed table cell misalignment when content is split into multiple paragraphs.

Resolved an issue where text within table cells became vertically misaligned when users inserted paragraph breaks (e.g., by pressing "Enter"). Previously, this caused visual inconsistencies and disrupted the centered layout of table content. With this fix, table cell content remains vertically centered regardless of how many paragraphs are present, ensuring consistent formatting and improved readability across all table views.

FEAT-1178 Long Risk Control titles do not break in new UI

✓ CODE done ✓ IFU done ✓ FDR done ✓ DHF done


Resolved issue where long Risk Control titles did not wrap.

Previously, long Risk Control titles would overflow without wrapping, making it difficult to view or edit the full title. With this fix, RC titles now break and wrap correctly within their container, preserving the layout and ensuring full visibility of information.

FEAT-1179 Cloning /importing QMS project doesn't copy publication history anymore

✓ CODE done ✓ IFU done ✓ FDR done ✓ DHF done

Fix publication history dropdown to only show valid publications in restored QMS projects

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Ensure that the "Select previous publication" dropdown in LiveQMS correctly reflects the actual list of available publications after a QMS project is cloned or imported. Previously, the dropdown included outdated entries from the lastPublication project setting, which could no longer be resolved, leading to 404 errors when selected.

FEAT-1180 Risk Mitigation Probability and Severity in List of items wrong value

✓ CODE done ✓ IFU done ✓ FDR done ✓ DHF done

Generated risk tables show incorrect values in the Mitigation field, including mismatched probabilities for hazardous situations and harms.

I now take into account the post weight value of risks when generating the report.

FEAT-1181 Risk factors are in a different order in the list of items than in the config itself

✓ CODE done ✓ IFU done ✓ FDR done ✓ DHF done

When generating a report that has a list of RISK items, the risk factor for some risk items are not in the same order than the admin configuration panel order.

Here is the configuration panel

Risk Factors

- **Factor:** Sequence of events (cause,line of text) [edit](#) [delete](#)
 - **Weight:** Probability of occurrence (probability) [edit](#) [delete](#) 1
 - [add weight](#)
- **Factor:** Hazardous situation (Situation,line of text) [edit](#) [delete](#)
 - **Weight:** Probability of harm (harmprobability) [edit](#) [delete](#) 2
 - [add weight](#)
- **Factor:** Harm (effect,line of text) [edit](#) [delete](#)
 - **Weight:** Severity (severity) [edit](#) [delete](#) 3
 - [add weight](#)
- [add risk factor](#)

Here is inside the report

<div> <div> <div>RISK-138</div> <div>Design error: insulation mains supply to operator insufficient - PC, Brainnet IV amplifiers, ILS</div> </div> <div> <div>Author:</div> <div>Stéphane Adams</div> </div> <div> <div>Date:</div> <div>2025/06/10 17:06:43</div> </div> <div> <div>Revision:</div> <div>8</div> </div> </div>			
Sequence of events	1	Probability of occurrence	4 - Occasional
Design error: insufficient MOOP (too high leakage current, insufficient breakdown voltage)			
Harm	3	Severity	4 - Critical
operator burns, electrocution			
Hazardous situation	2	Probability of harm	3 - Very likely
Excessive enclosure current			
Risk before mitigation			1
Mitigation			reduces probability of situation by 3
DI-38 MOPP-MOOP insulation barriers			
Risk after mitigation:			4
Justification			
After reducing risk as low as possible by design, the residual risk complies with the risk acceptability criteria			

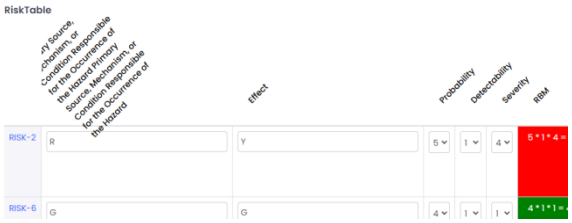
When generating the report if a risk config exist, I sort the risk factor of each item by the risk factor config order.

FEAT-1182 Incorrect date parsing in the table
✓ CODE done ✓ IFU done ✓ FDR done ✓ DHF done
Date was being parsed incorrectly, when the cell value was not formatted in the user format.
Format is not longer provided when parsing the date string.


KNOWN ISSUES

BUG-97 Shift Clicking Label Advanced Config Doesn't Work	Author:	Date:	Revision:
	Olena Motrichuk	2025/07/09 15:56:05	2
Bugs / Release 2.5 / Known in 2.5.3 / Shift Clicking Label Advanced Config Doesn't Work			
Description It is not possible to override advanced settings while holding down shift key, when some label has missing styling parameters.			
Workaround Edit "labels" project setting instead, or if it doesn't exist - create it.			
Fix Version To be decided			


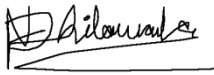
--

BUG-98 RiskFolder Wrapping is Partially Obscured	Author:	Date:	Revision:
	Olena Motrichuk	2025/07/09 15:59:28	2
<i>Bugs / Release 2.5 / Known in 2.5.3 / RiskFolder Wrapping is Partially Obscured</i>			
Description Very long weight title overlaps the Risk table in "Edit risks in tabular form". 			
Workaround N/A			
Fix Version To be decided			

BUG-99 Notifications Overview Dashboard Filter Has No Effect	Author:	Date:	Revision:
	Ignas Žakaitis	2025/07/09 18:23:37	2
<i>Bugs / Release 2.5 / Known in 2.5.3 / Notifications Overview Dashboard Filter Has No Effect</i>			
Description Notifications Overview Dashboard has filters enabled, however filters have no effect on the dashboard content.			
Workaround N/A			
Fix Version To be decided			

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SIGNATURES

Signature Meaning	Name	Title	Date	Signature
Author	Olena Motrichuk	Product Owner	2025/07/14 14:05:27	sign-p14-i217619-b20250714120527035
Reviewer	Ignas Žakaitis	QA Lead	2025/07/14 21:31:13	 sign-p14-i217619-b20250714193113295
Approver	Abbas Dhilawala	Group CTO	2025/07/14 14:26:57	 sign-p14-i217619-b20250714122657652