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RELEASE NOTES 2.5.5

SOFTWARE IDENTIFICATION

MatrixALM 2.5.5.0-5941003 and MatrixQMS 2.5.5.0-5941003.

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, 2.5.2.1-76b37c3, 2.5.3.0-61c2ed8 and 2.5.4.0-7e44103.

CHANGES OVERVIEW

Change_ID	Title	Description
FEAT-1213	Improved Merge Tracking: Ignored changes are now tracked across multiple merge operations.	If an edit to a item is ignored during a merge or a push, then the next time the merge or push is performed, the item will not be mentioned. It should be, because the item is still different between main and branch.
FEAT-1216	Faster Report Generation: Improved performance when generating reports with Smart Links in large projects.	When generating a report for a project with a large number of categories and items/documents containing smart links, significant performance issues were encountered.
FEAT-1214	Complete Item History: Audit trails are preserved when moving items between folders and categories.	Fixed a major bug where moving items failed to create proper audit trail entries, causing item field values to disappear from history during clone/export/branch operations.
FEAT-1215	Enhanced Smart Link Rendering: Smart Links now render correctly within HTML links in PDFs.	When creating a rich text field containing an HTML link whose visible text is an item reference (for example, VA-1), and generating Smart Links based on that item reference, the Smart Links are not rendered as hyperlinks in the PDF. For example, the following references are not displayed as links in the generated PDF: <pre>VA-1 VA-1! VA-1 VA-1+ VA-2</pre>

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CHANGE DETAILS

F-FEAT-203 2.5.5

F-FEAT-205 Improvements

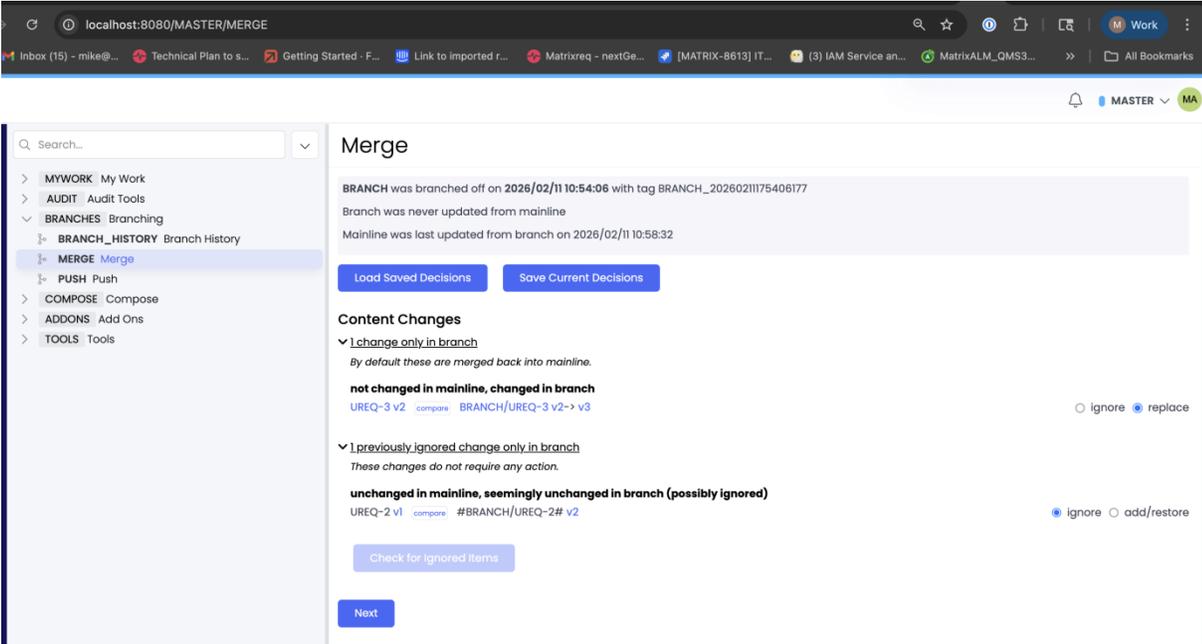
FEAT-1213 Improved Merge Tracking: Ignored changes are now tracked across multiple merge operations.

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

If an edit to a item is ignored during a merge or a push, then the next time the merge or push is performed, the item will not be mentioned. It should be, because the item is still different between main and branch.

Any ignored changes to items during merges or pushes will be forgotten in subsequent merges or pushes. Therefore, it could happen that multiple such changes accumulate. The solution is to offer a new button during the merge process which allows the user to search for potentially forgotten changes to items, and include those changes in the merge or push. The user has the option to continue to ignore each such change, as well. The user can also do a 3-way compare, as with other scheduled changes for the merge or push.

Here is an example of the UI when an ignored item was found by pressing the new "Check for ignored items" button:



The screenshot shows a web browser window at localhost:8080/MASTER/MERGE. The page title is "Merge". It displays the following information:

- BRANCH was branched off on 2026/02/11 10:54:06 with tag BRANCH_2026021175406177
- Branch was never updated from mainline
- Mainline was last updated from branch on 2026/02/11 10:58:32

Buttons: "Load Saved Decisions" and "Save Current Decisions".

Content Changes

- 1 change only in branch
 - By default these are merged back into mainline.
 - not changed in mainline, changed in branch
 - UREQ-3 v2 [compare](#) BRANCH/UREQ-3 v2-> v3 ignore replace
- 1 previously ignored change only in branch
 - These changes do not require any action.
 - unchanged in mainline, seemingly unchanged in branch (possibly ignored)
 - UREQ-2 v1 [compare](#) #BRANCH/UREQ-2# v2 ignore add/restore

Buttons: "Check for Ignored Items" and "Next".

All dates and times are in the project's default time zone and formatting.

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F-FEAT-204 Bug Fixes

<p>FEAT-1216 Faster Report Generation: Improved performance when generating reports with Smart Links in large projects.</p> <p>✓ CODE done ✓ IFU done ✓ FDR done ✓ DHF done</p> <p>When generating a report for a project with a large number of categories and items/documents containing smart links, significant performance issues were encountered.</p> <p>Reverted to a character-based parsing algorithm that uses a precomputed list of category labels to detect smart links within rich text fields.</p> <p>The new algorithm allows to decrease document generation time down from 100 seconds to 5 seconds on a instance with 14 categories.</p>

<p>FEAT-1214 Complete Item History: Audit trails are preserved when moving items between folders and categories.</p> <p>✓ CODE done ✓ IFU done ✓ FDR done ✓ DHF done</p> <p>Fixed a major bug where moving items failed to create proper audit trail entries, causing item field values to disappear from history during clone/export/branch operations.</p> <p>Fixed a bug in <code>MoveItemsMethod.moveOneItem</code> where moving items between folders or categories did not create the required <code>tech_audit</code> table entries for field values. While the move operation appeared to work correctly in the UI, the missing audit entries caused item field values to be lost from the item history when performing clone with history, export, or branch operations.</p>
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<p>FEAT-1215 Enhanced Smart Link Rendering: Smart Links now render correctly within HTML links in PDFs.</p> <p>✓ CODE done ✓ IFU done ✓ FDR done ✓ DHF done</p> <p>When creating a rich text field containing an HTML link whose visible text is an item reference (for example, VA-1), and generating Smart Links based on that item reference, the Smart Links are not rendered as hyperlinks in the PDF.</p> <p>For example, the following references are not displayed as links in the generated PDF:</p> <pre>VA-1 VA-1! VA-1 VA-1+ VA-2</pre>
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A new algorithm has been implemented to fix a bug where the value **VA-1** was always detected as being inside an HTML link whenever an HTML link containing **VA-1** was present.

KNOWN ISSUES

not applicable

SIGNATURES

Signature Meaning	Name	Title	Date	Signature
Author	Nicolas Von Bandel	CPO	2026/02/24 10:19:43	 sign-p14-i220663-b20260224091943410
Reviewer	Ignas Žakaitis	QA Lead	2026/02/24 09:59:23	 sign-p14-i220663-b20260224085923080
Reviewer	Abbas Dhilawala	Group CTO	2026/02/24 14:22:27	 sign-p14-i220663-b20260224132227404
Approver	Nicolas Von Bandel	CPO	2026/02/24 10:19:43	 sign-p14-i220663-b20260224091943410