1. AUDIT TRAIL

Version	Change Description
Version 2.3 Update 1	2.3.1 is an update of the 2.3 release with a few bug fixes and improvements

2. REMARKS

3. SIGNATURES

Signature Meaning	Name	Role	Date	Signature
Author	Wolfgang Huber	Production Responsible		
Approver	Yves Berquin	Production Responsible, Operation Responsible		

4. PURPOSE

Documentation of verification and validation results of Matrix Requirements Release 2.3.12518.19918

5. SCOPE

This release with number 2.3.12518.19918 is an update of the 2.3 release it contains the changes listed in the "Appendix: Changes" below.

6. REFERENCES AND APPLICABLE DOCUMENTS

- **SIGN-342 Verification and Validation Plan, Ver. D**
- **SIGN-344 Software Development Plan, Ver.G**
- **SIGN-374 Code Review Form - QMS publication**
- **SIGN-379 Project Kickoff Form**
- **SIGN-386 Release Notes 2.3.12692.20229**
- **SIGN-387 Verification and Validation Report, Ver 2.3 Update 2**
- **SIGN-384 Risk Analysis**
- **SIGN-385 Release 2.3.2 FDR / Release Form**

7. RESPONSIBILITIES

Name	Responsibility
Wolfgang Huber	coding, creating tests, testing
Yves Berquin	coding, code review, testing
François Chasseur	coding, creating tests

8. VERIFICATION AND VALIDATION SUMMARY

8.1. VALIDATION SUMMARY

No validation was required due to the scope of changes.

8.2. VERIFICATION SUMMARY

- The critical code changes were reviewed and no major issue was found. The minor issues were fixed
- The tests were executed using two builds (2.3.12509.19906 and 2.3.12518.19918) and no issues were found

8.3. FINAL VERDICT

No new issue was found and the software build 2.3.12518.19918 can be released.

9. VERIFICATION DETAILS

All changes have been reviewed and tests have been executed to ensure they are working.
The traceability has been reviewed to make sure all changes have been implemented, reviewed and tested as planned.
Notes
- It was verified that above changes were all changes done to the source code (nothing else changed than the planned changes)
- tests were executed after the last code review
- all FEAT have been tested (see Appendix: Test Results)

10. VALIDATION DETAILS

n/a - see above

11. APPENDIX: CHANGES

FEAT-715 PRINT - Macros generated wrong print code
Some custom section did not render correctly
When saving an item in the PRINT project the created script could be wrong

FEAT-716 PRINT - Smart text macros print macros resolved incorrectly
Fields with smart text were not rendered correctly in the layouter of custom sections

The macros are now correctly resolved.

FEAT-717 PRINT - Info flag in risk preview does not render nicely

A debugging option in the custom section layouter did not render nicely in the preview

Now it is easier to read.

FEAT-718 PRINT - Script error in layouter

When using BLOCK elements in the PRINT PROJECT some (false) errors might be displayed if filtering

If the filtered element a script error will pop up.

FEAT-720 Tooltip with risk factors not showing all details

When you hover over a risk factor it should show the all risk factors.

Now it shows the complete table again

FEAT-721 The JIRA issues list window doesn't show the special characters correctly

The Jira task view does not show special characters, e.g. ä is shown as ä

The issue has been resolved

FEAT-723 Project Cloning Issue

When cloning projects with history some data was not copied into the clone if items have been moved after the last modification.

Now all data is correctly copied.

FEAT-724 Package and attachment download broken

The download of SIGN of package did not include attachments

The attachments were not included in the downloaded zip

FEAT-727 Project color not updated everywhere

The color of the project was not displayed everywhere in the UI

Now it is also shown in the tab underneath the icon and the top line of the browser

FEAT-722 QMS - Strict Filter option

In the QMS configuration it is now possible prevent users from seeing information.

There are now 4 options:
- show all users and processes (don't filter)
- show all users and processes (filter by viewer)
- show only the viewers processes and groups
- show only the viewers processes and groups (strict)

The third option hides data but allows to still see them using direct links

The last option prevents the user from seeing the data even using direct links

FEAT-726 Option NOT to copy labels during copy and paste of items

It is now possible not to copy some labels when copying and pasting items.

In order to exclude some label(s), go to the label configuration of the source or target project and edit the advanced setting. Add the following property

```
  "dontCopy": true,
```

to the labels not to be copied, e.g.

```
1 {
2   "labels": [
3     {
4       "label": "L1",
5       "dontCopy": true,
6       "categories": [ "REQ" ],
7       "reportName": "",
```

FEAT-725 QMS performance improvment

The QMS publication was loaded as one big page.

Now the QMS publication only consists of the navigation bar. The processes and their pictures are loaded as soon as they are selected.

12. APPENDIX: TEST RESULTS

Item	Tested By	Execution Date	Last Modification	Test Result
FEAT-715 PRINT - Macros generated wrong print code	**XTC-2568** Bug 'Fixes 2.3 Custom Section Tests (TC-274)	2021/07/23	2021/07/27 15:18:55	passed
FEAT-716 PRINT - Smart text macros print macros resolved incorrectly	**XTC-2568** Bug 'Fixes 2.3 Custom Section Tests (TC-274)	2021/07/23	2021/07/27 15:18:55	passed
FEAT-717 PRINT - Info flag in risk preview does not render nicely	**XTC-2568** Bug 'Fixes 2.3 Custom Section Tests (TC-274)	2021/07/23	2021/07/27 15:18:55	passed
FEAT-718 PRINT - Script error in layouter	**XTC-2568** Bug 'Fixes 2.3 Custom Section Tests (TC-274)	2021/07/23	2021/07/27 15:18:55	passed
FEAT-720 Tooltip with risk factors not showing all details	**XTC-2569** Risk Customization (TC-28)	2021/07/23	2021/07/26 10:27:23	passed
FEAT-721 The JIRA issues list window doesn't show the special characters correctly	**XTC-2570** JIRA umlaut test (TC-275)	2021/07/23	2021/07/26 10:27:23	passed
FEAT-723 Project Cloning Issue	**XTC-2579** Deep Project Clone Test (TC-277)	2021/07/27	2021/07/27 14:38:33	passed
FEAT-724 Package and attachment download broken	**XTC-2571** Document Packages (TC-167)	2021/07/23	2021/07/26 10:27:23	passed
	XTC-2572 File attachments for DOCs / Signatures for external PDFs/DOCX (TC-158)	2021/07/23	2021/07/26 10:27:23	passed
FEAT-727 Project color not updated everywhere	**XTC-2576** Color of the project (TC-149)	2021/07/26	2021/07/26 11:32:28	passed
FEAT-722 QMS - Strict Filter option	**XTC-2580** QMS Viewer Test (TC-74)	2021/07/27	2021/07/27 15:18:27	passed
FEAT-726 Option NOT to copy labels during copy and paste of items	**XTC-2573** Generic Advanced Feature Test (TC-66)	2021/07/26	2021/07/26 11:22:49	passed
FEAT-725 QMS performance improvment	**XTC-2580** QMS Viewer Test (TC-74)	2021/07/27	2021/07/27 15:18:27	passed