

A close-up of a lemon slice with a network of yellow lines and dots overlaid on it, set against a light blue background with a larger network pattern.

**International XXVIII. APIS User Conference 2022**

**APIS**  
Informationstechnologien GmbH

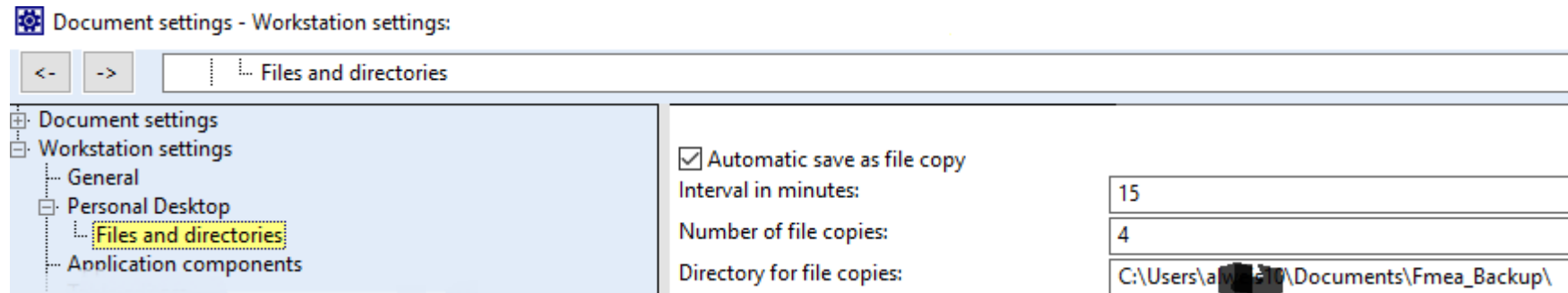
# **Tips and tricks by the APIS Support team**

**Alexander Weiß, APIS IT GmbH**

# Automatic save as file copy

## Workstation setting:

- Topic „Personal Desktop | Files and directories“
- Customized selection of directory for file copies
- Recommendation: Local directory



# Delete a single system element

## Workflow:

- Select system element
- Menu: „Edit | Delete system element...“

Child elements will not be deleted!

In conjunction with the „New root“ command it is even possible to delete the root element:

- Menu: „Edit | New | New root“
- Select the old root element
- Menu: „Edit | Delete system element...“

# New dialog: Read/update template

Only objects with a green arrow (double-click) are loaded or updated.  
When updating the template, deletions can also be made in the template via a red "x".

IQ-RM PRO: Update template

Select the components to be written in the template file. Select by double-clicking the arrows in the list on the left.

Source: tkb4130.tmp

- AP Catalogs
- Categories for action groups
- Document settings
- Risk matrices
  - Extended risk matrix
    - Extended risk matrix
  - Risk matrix
    - DFMEA Risk matrix for Priority Level
    - Matrice de risques

Destination: NORMAL.FMT (Template file)

- AP Catalogs
- Categories for action groups
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- Risk matrices
  - Extended risk matrix
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# Management-Report: Data basis

The data basis for the Management-report should always be visible in the report.

Context menu execution:

„Add analyses | Add placeholder... | Management-Report: Data basis“

Quality report 2022.08.04						
<b>Data basis:</b>					4 CC 2042 - manufacture signal cable	
Risk matrix						
Severity	Occurrence	Detection				
		1 - 1	2 - 4	5 - 6	7 - 10	
9 - 10	8 - 10					
	6 - 7				1	
	4 - 5		2	1	1	
	2 - 3	1	7	3	4	
	1 - 1				1	
7 - 8	8 - 10					
	6 - 7				2	
	4 - 5		1		2	
	2 - 3	1	9		4	
	1 - 1				1	

**Risk matrix AP**

Last revision state

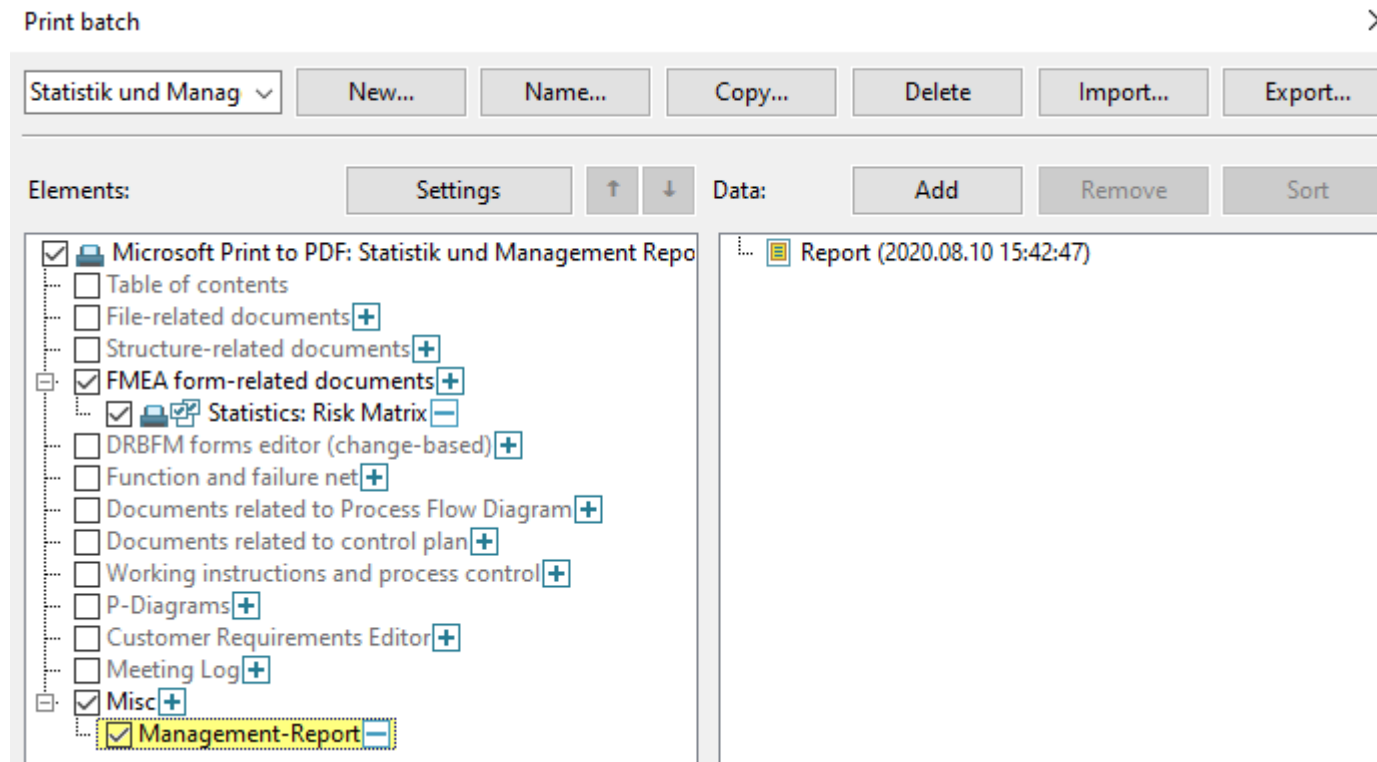
AP Catalog: AIAG/VDA Design/Process (2019)

**Causes**

H	13
M	8
L	20

# Presentation Print including Management-Report

For a common presentation of data or forms together with results from the Management-Report, the report can be included in the presentation print:



# New analysis: Risk matrix AP

Statistics Editor: Risk matrix

Risikomatrix

Severity	Occurrence	Detection			
		1 - 1	2 - 4	5 - 6	7 - 10
9 - 10	8 - 10				
	6 - 7				1
	4 - 5		2	1	1
	2 - 3	1	7	3	4
	1 - 1				1
7 - 8	8 - 10				
	6 - 7				2
	4 - 5		1		2
	2 - 3	1	9		4
	1 - 1				1
4 - 6	8 - 10				
	6 - 7				

**Risk matrix AP**

Last revision state

AP Catalog: AIAG/VDA Design/Process (2019)

**Causes**

H	13
M	8
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Category	Number	Failure effects	C	Cause	RPN
Risikomatrix					
Structure: CC 2042 - manufactur					
S: 9-10 O: 6-7 D: 7-10	1	>> [Manufacture Signal Cable CC 2042] modulation of signal changes during transmission within the given application conditions		[Operator] isolation is being damaged while pushing cable into strain-relief	(432)
S: 9-10 O: 4-5 D: 2-4	2	>> [Manufacture Signal Cable CC 2042] modulation of signal changes during transmission within the given application conditions		[Operator] appliance lock is not closed properly	135
		>> [Manufacture Signal Cable CC 2042] modulation of signal changes during transmission within the given application conditions		[Appliance] appliance lock damages plug	108

Risk matrix

Settings | Format | Result list | Column widths

Data basis

- Initial state
- Last revision state 'in revision'
- Last completed state
- Last revision state
- Last rated revision state
- Last completed/last revision state
- Last completed/last rated revision state

Evaluation parameters X/Y

- S/O
- S/D
- D/O
- AP

# Filters for statistical evaluations

## Differentiation of the filter type:

Evaluation of forms – form filters

Evaluation of structures – structure filter

Focus for (almost) all evaluations is the **cause**

## Consideration of the data basis (e.g. Initial state):

Filter criteria for the level „revision state“ (or below) must „harmonize“ with the data basis

## Special data basis „Last revision state“:

With this data basis, all levels from “revision state” and below are determined 100% by the filter



# Top 10 filter for AP?

Action Priority (AP) according to AIAG-VDA has 3 categories (high/medium/low)

=> All causes rated with AP „High“ have equal priority!

The category AP "High" itself is already the top 10 filter!  
The number 10 must not be taken literally.

Filtering within an AP according to high Severity is (technically) possible.  
Everyone should answer the question about the meaning for themselves!

**You have got problems?**

**We can solve them!**

**support@apis.de**