



Capability Adviser.

The number one assessment tool.



web-based assessment tool

**independent of
operating systems**

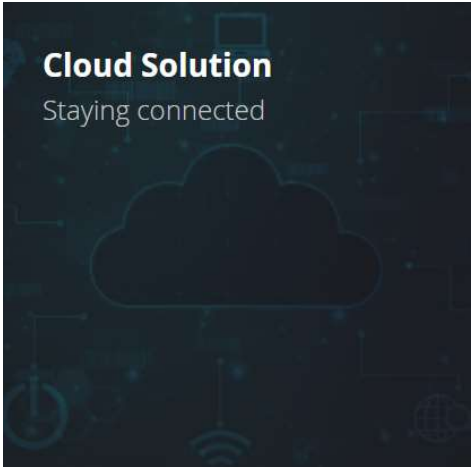
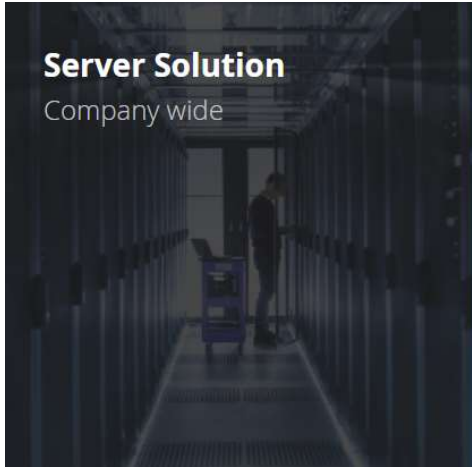
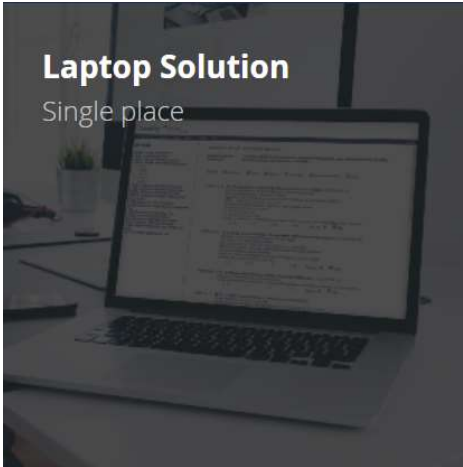
offline or online

**scalability for both single
assessors or large companies**

USABILITY

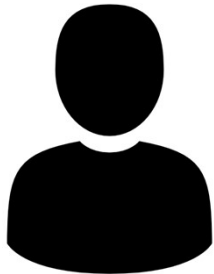
The Capability Adviser is tested regularly to meet the needs of its users.





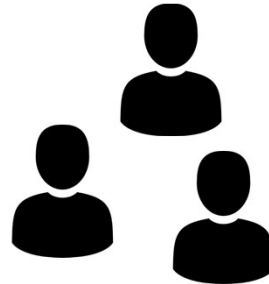
TEAM ROLES

Assessor



- ✓ Can perform (team) assessments and generate reports
- ✓ Has only access to assessments where he/she is an assessor

Organisation



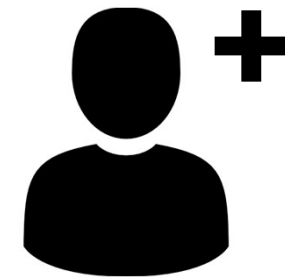
- ✓ Creates and edits assessments
- ✓ Creates and assigns assessors
- ✓ Tailors domains

Content Provider



- ✓ Adds and imports new process assessment models
- ✓ Edits existing process assessment models

Administrator



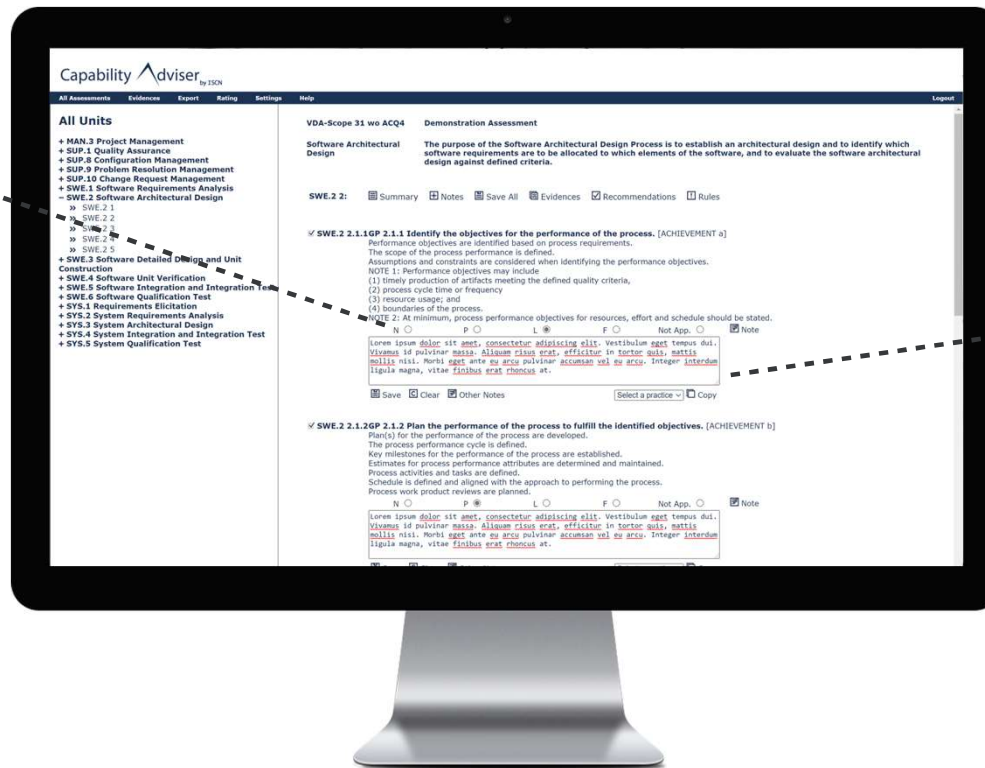
- ✓ Create new organization (business unit) accounts
- ✓ Generates benchmarking data

RATINGS ON PRACTICE LEVEL

The average algorithm is attribute calculation and BP/GP are rated.

Practice rating

Aggregated attribute rating can be overruled



Comments

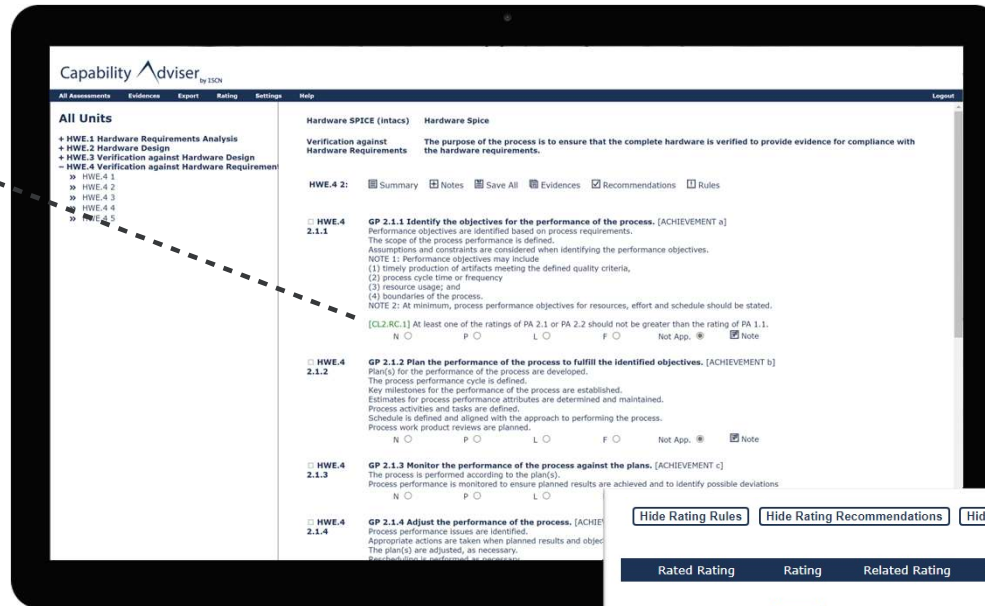
Comments can be added to ratings

GUIDELINES FOR AUTOMOTIVE SPICE 3.1

A unique function to check all consistency rules and recommendations.

Rules/Recommendations

Show/hide recommendations/rules



Consistency check

Filter for recommendations and/or rules in the consistency check

Violated rules

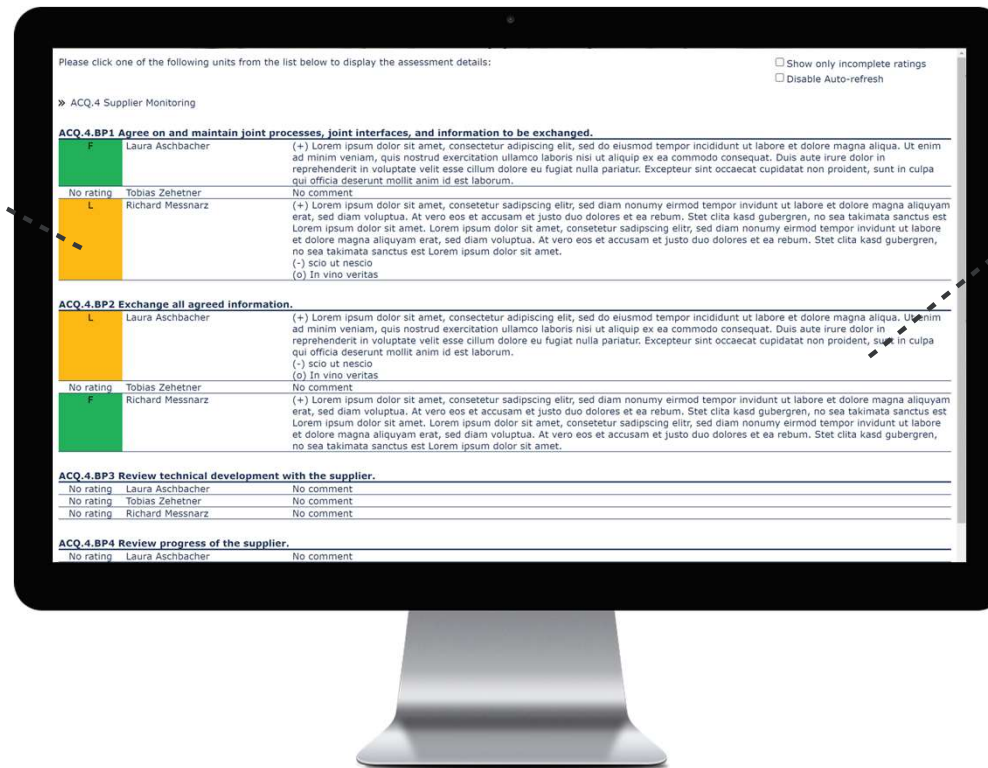
Shows which rules have been violated

Rated Rating	Rating	Related Rating	Instance	Rating	Rating Consistency	Covered
SWE.2.2.2.4	P	SWE.2.BP8	1	N	[CL2.RC.18] The rating of the indicator GP 2.2.4 should be in line with the rating of the indicator of the corresponding process for ensuring consistency of work products (SYS.2.BP7, SYS.3.BP7, SYS.4.BP8, SYS.5.BP6, SWE.1.BP7, SWE.2.BP8, SWE.3.BP6, SWE.4.BP6, SWE.5.BP8, SWE.6.BP6, SUP.8.BP8).	<input checked="" type="checkbox"/>
SWE.2.2.2.1	N	SWE.2.2.2.4	1	P	[CL2.RL.41] If the indicator for defining requirements for the work products (GP 2.2.1) is downrated due to non-appropriate review and approval criteria, the indicator GP 2.2.4 shall be downrated.	<input checked="" type="checkbox"/>
SWE.2.2.2.1	P	SWE.2.BP8	1	N	[CL2.RC.18] The rating of the indicator GP 2.2.4 should be in line with the rating of the indicator of the corresponding process for ensuring consistency of work products (SYS.2.BP7, SYS.3.BP7, SYS.4.BP8, SYS.5.BP6, SWE.1.BP7, SWE.2.BP8, SWE.3.BP6, SWE.4.BP6, SWE.5.BP8, SWE.6.BP6, SUP.8.BP8).	<input type="checkbox"/>

ASSESSMENT COLLABORATION

All assessors work on the same assessment and can see each other's comments and ratings.

Fast preparation of assessment reports (all comments/ratings in one place)



Fast consolidation of results

FUNCTIONAL SAFETY & AUTOMOTIVE SPICE

A unique integrated Automotive & Safety SPICE assessment approach.



Switch between
Automotive SPICE
and Safety Scope

Different ratings depending on
the scope for the same practice

Extended base and
generic practices

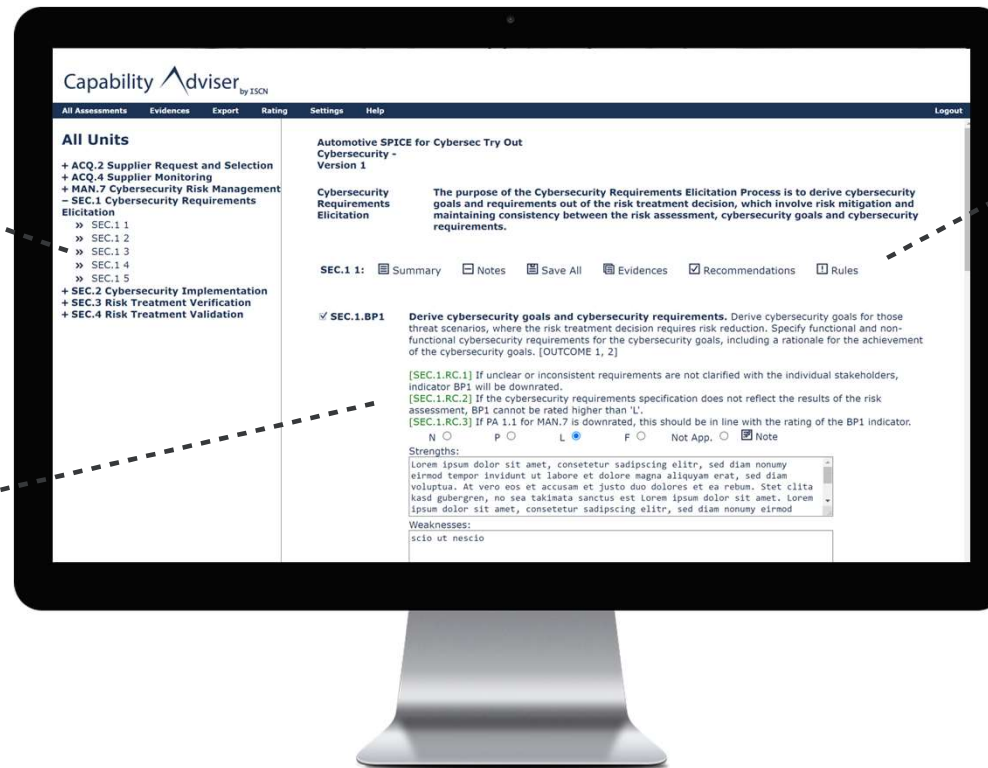
AUTOMOTIVE SPICE FOR CYBERSECURITY

The extended cybersecurity assessment model is available.

Cybersecurity processes

Cybersecurity rules

Rules and recommendations related to cybersecurity



Switch to show cybersecurity rules and recommendations

Different ratings depending on the scope for the same practice

ANY PAM YOU WANT

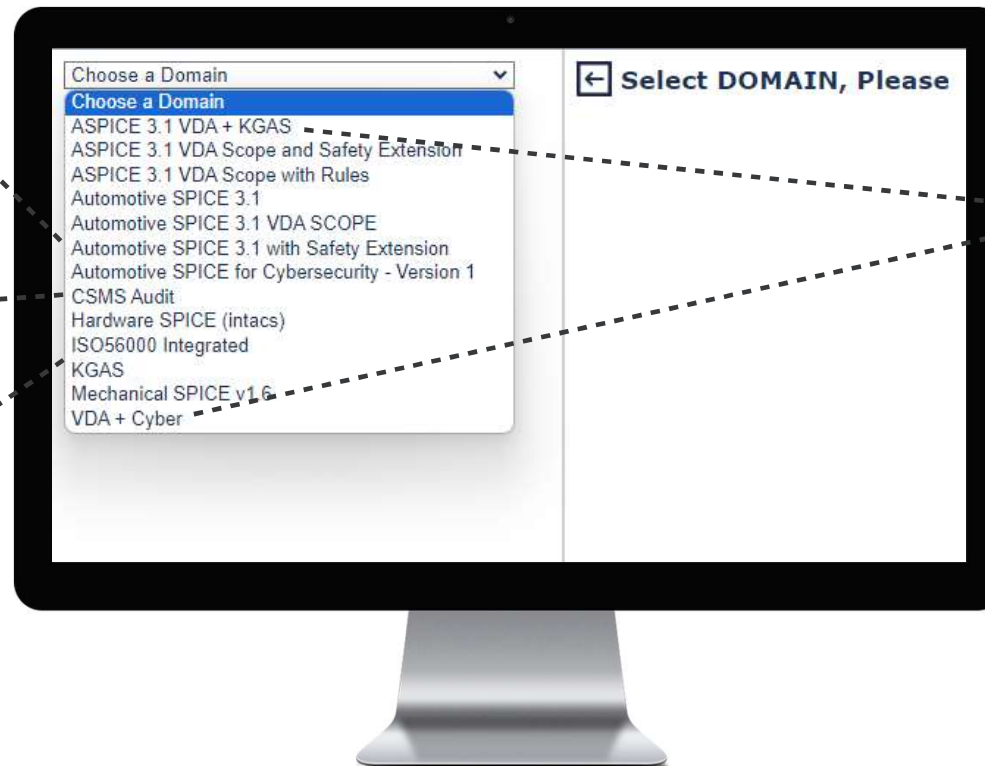
You can import any PAM you want into the Capability Adviser.

Automotive SPICE

Version 3.1, Cybersecurity & Functional Safety Extensions, Rating Guidelines

Cybersecurity Management System Audit

Innovation Assessment



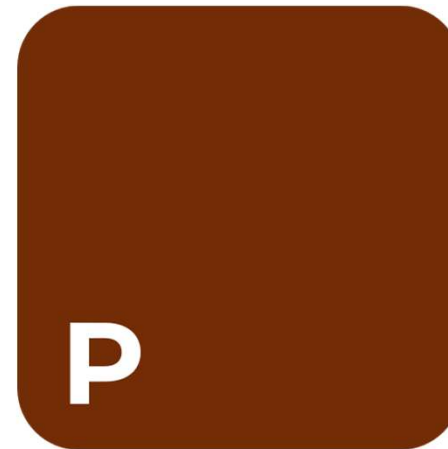
Tailored PAMs

You can also create custom PAMs by mixing processed from already available PAMs.

For example, you can take processes from the Cybersecurity PAM and add them to the VDA Scope, creating a new PAM.

EXPORTS TO WORD, EXCEL & POWERPOINT

- ✓ Generation of Microsoft Word assessment reports
- ✓ Usage of company templates
- ✓ Export of ratings and comments to Microsoft Excel
- ✓ Generation of a summary presentation in Microsoft Powerpoint
- ✓ Export of attributes and profile ratings to Adobe PDF and Microsoft Excel



CUSTOM WORD TEMPLATES



State	Name	Date	Signature
Created			
Reviewed			
Approved			

This assessment report was generated using the Capability Adviser Software.

1

This assessment report was generated using the Capability Adviser Software.

Contents

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This assessment report was generated using the Capability Adviser Software.

2

This assessment report was generated using the Capability Adviser Software.

1 Assessment Information

1.1 Objectives

Assessment scope is to determine the capability level and process attribute profile of the below given project according to Assessment Plan and to derive suggested improvements.

Assessed project: {PROJECT_NAME}
 Assessment purpose: {PURPOSE}
 Process context: {PROCESS_CONTEXT}
 Assessment period: {PERIOD}
 Assessment sponsor: {SPONSOR}
 Local Assessment coordinator: {LOCAL_COORDINATOR}
 Class of the assessment: {CLASS}
 Category of Independence: {TYPE}

1.2 Assessment Team

Lead Assessor: {LEAD_ASSESSOR}
 Co-Assessor(s): {CO_ASSESSORS}

1.3 Assessment Scope

Highest Capability Level: {HIGHEST_CAP_LEVEL}
 Assessed: {ASSESSED}
 Assessed Processes: {ASSESSED_PROCESSES}

Export Settings

General

Header Image (.png, .jpg) **header.png** No file chosen

- Colors
- F-Rating
 - L-Rating
 - P-Rating
 - N-Rating
 - Level bar

Font ▾

Word

Template

Global (Default)

(Default)

File

ISCN_Template_CapAdv_v9.docx

ISCN_Template_CapAdv_v9.docx

No file chosen

Actions

INSTANCES

Since Version 8.3, CapAdv has been supporting instanced assessments.

Depending on the project needs, you can swap between using a fully instanced assessment or an instanced assessment with a „General“ instance.

Rating Overview

Assessor Level
Demo Assessor 1

General										
BP	1	2	3	4	5	6	7	8	9	10
MAN.3	L	L	F	N	P	L	F	L		L
SUP.1	F	F	F	F	F					
SUP.8	L	L	F	F	L	L	L			
SWE.1	P	L	F	L	F	L	F	L		

Instance 2										
BP	1	2	3	4	5	6	7	8	9	10
MAN.3							F			

Instance 3										
BP	1	2	3	4	5	6	7	8	9	10
MAN.3	L	L	F		N		L			

CALCULATION

Capability Level Attributes for MAN.3 - Triple ?

Processes	Assessors	Attributes									
		1	2.1	2.2	3.1	3.2	4.1	4.2	5.1	5.2	
Instance 1 MAN.3 Project Management	Tobias Zehetner Demo Assessor	F	N*	N*							
SUP.1 Quality Assurance	Demo Assessor	L									
Instance 2 MAN.3 Project Management	Tobias Zehetner Demo Assessor	P	L	N							
SYS.1 Requirements Elicitation	Demo Assessor	L									
Instance 3 MAN.3 Project Management	Tobias Zehetner Demo Assessor	L	F*	F*							
Total MAN.3 Project Management	Tobias Zehetner Demo Assessor	L	P	P							
SUP.1 Quality Assurance	Demo Assessor	L									
SYS.1 Requirements Elicitation	Demo Assessor	L									

Overrule



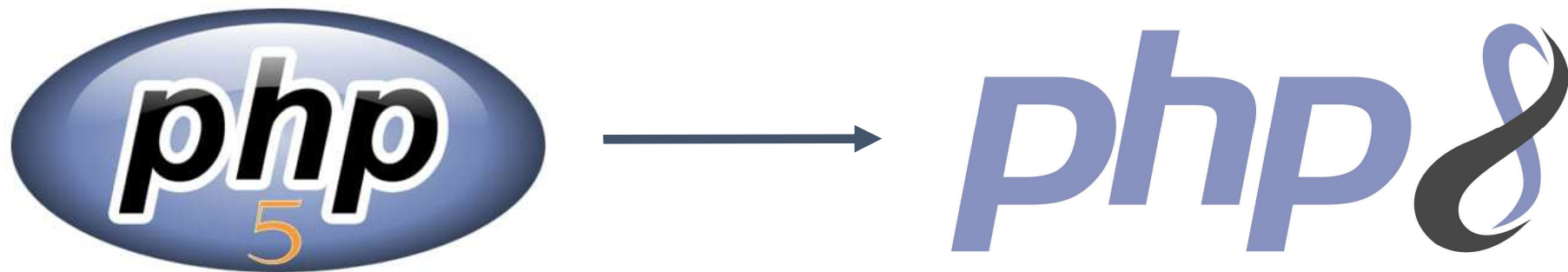
Version 9.0
capadvsupport@iscn.com

VERSION 9 FEATURES

PHP Version Upgrade: From 5.6 to 8.2

Capability Adviser has been ported to PHP 8.2 with Version 9, increasing stability and data security.

This also creates exciting opportunities for future development and will help create an even sharper and modern user experience.



VERSION 9 FEATURES

Organisation Assessment Schedule Overview

Organisation Users now have a „Schedule“ option. It opens a calendar style view showing all planned assessments of a given month.

This feature is in early development and will receive further display and usability updates in the next releases.



June 2023

Mon	Tue	Wed	Thu	Fri	Sat	Sun
			1	2	3	4
5	6	7	8	9	10	11
General Test Assessment						
12	13	14	15	16	17	18

VERSION 9 FEATURES

Assessor: Rating Overview

Assessors can now get a rating overview, displaying a matrix style table with all ratings of all processes for a given assessor and level.

The screenshot shows the 'Capability Adviser' software interface. At the top, there is a navigation bar with tabs for 'All Assessments', 'Evidences', 'Export', 'Rating', 'Settings', and 'Help'. The 'Rating' tab is selected, and a dropdown menu is open, showing options for 'Overview', 'Consolidation', 'Calculation', and 'Consistency'. Below the navigation bar, the main content area displays 'Demo Assessment' and 'All Units' with a list of units: '+ ACQ.4 Supplier Monitoring', '+ MAN.3 Project Management', and '+ SUP.1 Quality Assurance'. Below this, the 'Rating Overview' section is visible, featuring two dropdown menus for 'Assessor' (set to 'Demo Assessor') and 'Level' (set to '1'). Below the dropdowns is a matrix table with 10 columns (BP, 1-10) and 4 rows (MAN.3, SWE.1, SWE.2, and an unlabeled row). The cells in the matrix are color-coded: green for 'F', yellow for 'L', orange for 'P', red for 'N', and grey for empty cells.

BP	1	2	3	4	5	6	7	8	9	10
MAN.3	F	F	F	F	F	F	F	F	F	F
SWE.1	F	L	L	F	F	L	L	F		
SWE.2	F	L	P	N	F	L	P	N	F	



VERSION 9 FEATURES

Assessor: Consistency Coverage

Covered consistency violations can now be tracked and potentially hidden to keep a better overview.



Hide Rating Rules Hide Rating Recommendations Hide Covered Violations

Rated Rating	Rating	Related Rating	Instance	Rating	Rating Consistency	Covered
SWE.2.2.2.4	P	SWE.2.BP8	1	N	[CL2.RC.18] The rating of the indicator GP 2.2.4 should be in line with the rating of the indicator of the corresponding process for ensuring consistency of work products (SYS.2.BP7, SYS.3.BP7, SYS.4.BP8, SYS.5.BP6, SWE.1.BP7, SWE.2.BP8, SWE.3.BP6, SWE.4.BP6, SWE.5.BP8, SWE.6.BP6, SUP.8.BP8).	<input checked="" type="checkbox"/>
SWE.2.2.2.1	N	SWE.2.2.2.4	1	P	[CL2.RL.41] If the indicator for defining requirements for the work products (GP 2.2.1) is downrated due to non-appropriate review and approval criteria, the indicator GP 2.2.4 shall be downrated.	<input checked="" type="checkbox"/>
SWE.1.2.2.4	P	SWE.2.BP8	1	N	[CL2.RC.18] The rating of the indicator GP 2.2.4 should be in line with the rating of the indicator of the corresponding process for ensuring consistency of work products (SYS.2.BP7, SYS.3.BP7, SYS.4.BP8, SYS.5.BP6, SWE.1.BP7, SWE.2.BP8, SWE.3.BP6, SWE.4.BP6, SWE.5.BP8, SWE.6.BP6, SUP.8.BP8).	<input type="checkbox"/>
SWE.1.2.2.1	N	SWE.1.2.2.4	1	P	[CL2.RL.41] If the indicator for defining requirements for the work products (GP 2.2.1) is downrated due to non-appropriate review and approval criteria, the indicator GP 2.2.4 shall be downrated.	<input type="checkbox"/>
SWE.1.BP3	L	MAN.3.BP5	1	F	[SWE.2.RC.7] If the indicator BP.3 is downrated, this should be in line with the rating of the indicator determine, monitor and adjust project estimates and resources (MAN.3.BP5).	<input type="checkbox"/>
SWE.1.BP3	L	MAN.3.BP4	1	F	[MAN.3.RC.28] If the relevant BP of the requirement processes on system level (SYS.2.BP3) or software level (SWE.1.BP3) is downrated because of a missing or weak analysis regarding technical feasibility, this should be in line with the rating of the indicator BP3.	<input type="checkbox"/>



VERSION 9 FEATURES

Assessor: Global Notepad

Every assessor now has access to a notepad where they can track personal ToDos. This notepad is not shared with anyone and is unique for each assessment.

The screenshot displays the 'Capability Adviser' interface for a 'Demo Assessment'. On the left, a sidebar lists 'All Units' including ACQ.4, MAN.3, SUP.1, SUP.8, SUP.9, SUP.10, SWE.1, SWE.2, SWE.3, SWE.4, SWE.5, SWE.6, SYS.2, SYS.3, SYS.4, and SYS.5. The main area shows 'Project Management' criteria. A 'Global Notepad' is open, containing a 'ToDo' list: 'Consolidate ACQ.3' and 'Fix formatting of MAN.3 notes'. Below this, it lists 'Todays audit plan' with dates: '10-14: SWE.1' and '14-18: SWE.2'. An arrow points from the notepad to the 'F' (Failed) status of criterion 'MAN.3.BP3' in the assessment list.

VERSION 9 FEATURES

Assessor: Report Assessor Consolidation

By clicking the „Edit“-Icon you can now directly edit the Report Assessors notes.

MAN.3.BP1 Define the scope of work.

L	Demo Assessor	(+) "This text has special #character s & some % of the time (-) Instead of object oriented we work with goal oriented code. (-) JAVA in the field won't work, (-) The work has been cut out for me (-) But I won't falter #28 Ticket
L	ISCN Report	<input checked="" type="checkbox"/> (+) Strength (-) Weakness (o) Comment

» MAN.3 Project Management - Instance #1

MAN.3.BP1 Define the scope of work.

L	Demo Assessor	(+) "This text has special #character s & some % of the time (-) Instead of object oriented we work with goal oriented code. (-) JAVA in the field won't work, (-) The work has been cut out for me (-) But I won't falter #28 Ticket
L	ISCN Report	(+) Strength (-) Weakness (o) Comment

VERSION 9 FEATURES

Assessor: Copy Weaknesses

Assessors can now easily copy weaknesses to their summary field by pressing the „Copy Weakness“ button.

Supplier Monitoring

ACQ.4 1: Summary Notes Save All Evidences Recommendations Rules

Weakness found in ...
Also a weakness is that...

ACQ.4.BP1 **Agree on and maintain joint processes, joint interfaces, and information to be exchanged.**
Establish and maintain an agreement on information to be exchanged and on joint processes and joint interfaces, responsibilities, type and frequency of joint activities, communications, meetings, status reports and reviews. [OUTCOME 1, 2, 4]

N P L F Not App. Note

Strengths:

Weaknesses:
Weakness found in ...
Also a weakness is that...

Comments/Suggestions:

Save Clear Other Notes Copy Weaknesses

VERSION 9 FEATURES

Multiple Word Templates

Organisation users can upload multiple word templates at once now, optionally naming them and setting one as the „Default“ Template.

Assessors can then choose from this list when exporting the assessment to Word.



Word		
Template	File	Actions
Main Template (Default)	Standard_Template_v9.docx	<button>Default</button> <button>Remove</button>
Detailed Template	ISCN_Template_CapAdv_v9.docx	<button>Default</button> <button>Remove</button>
Internal Template	Demo_Template_CapAdv_v83.docx	<button>Default</button> <button>Remove</button>
<input type="text" value="Add a template title..."/>	<input type="button" value="Choose File"/> No file chosen	<input type="button" value="Add"/>



Word-Report

self assessment

Demo Assessor

Show Rating Recommendations

Show Rating Rules

Use Organisation Templates

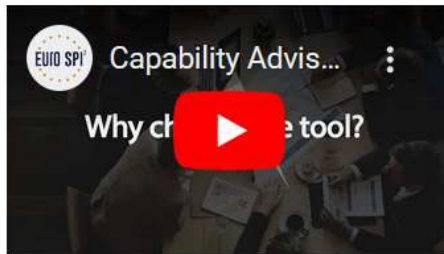
▼

- Main Template
- Detailed Template
- Internal Template



Thank you.
capadvsupport@iscn.com

CAPABILITY ADVISER TUTORIALS



Thank you for cooperating with ISCN GmbH.



ISCN is INTACS certified training provider for Automotive SPICE assessor courses



ISCN moderates the German task force SOQRATES (<https://soqrates.eurospi.net>) since 2003 where >20 Tier 1 collaborate on ASPICE, Safety and Security.



ISCN organises the EuroSPI conference since 1994 where e.g. VW is organising a workshop community, and VW, Rheinmetall AG, EB, MAGNA, AVL held key notes. <http://www.eurospi.net>



EuroSPI certificates are issued by EuroSPI Certificates & Services GmbH (www.eurospi.net) in cooperation with DRIVES and the Automotive Skills Alliance (ASA). The ASA was founded by the EU Blueprint Project Drives and ALBATTs with support from the European Automobile Manufacturers' Association (ACEA). <https://www.eurospi.net>. ISCN is founding member.



ISCN is certified by VDA to hold provisional and competent ASPICE assessor

Thank you for cooperating with EuroSPI² Certificates & Services GmbH.



Academy – Courses and Training Platform



Certification – Exam system and certificates



EuroSPI Conference Series



Assessment Tool – ISO 330xx based