

The logo features the text "EURO SPI" in a bold, dark blue, sans-serif font. The word "EURO" is on the left and "SPI" is on the right, with a superscript "2" positioned above the "I". The text is surrounded by a circular arrangement of twelve yellow stars, similar to the European Union flag. The background of the entire slide is white with a repeating pattern of the year "2023" in a light grey font.

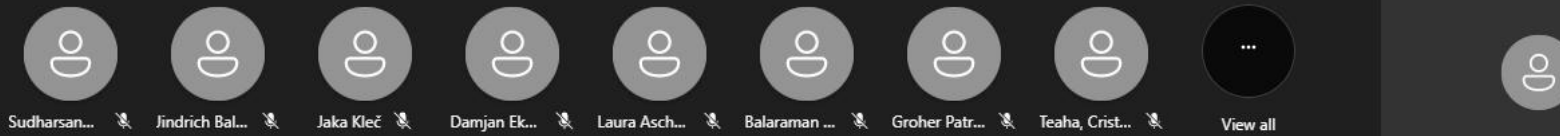
**EURO SPI<sup>2</sup>**

**Tech Day**

**28 Aug. 2023**

**European System, Software &  
Service Process Improvement  
& Innovation**





## Participants

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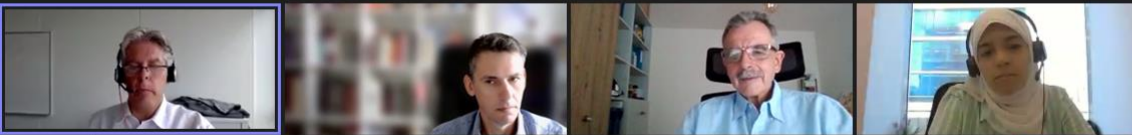
- Richard Messnarz  
Organiser
- Ahmad Abdallah (Guest)  
Meeting guest
- Aljaž Podobnik  
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- Andreas Riel
- Aust, Detlev (Consultant)  
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- Balaraman Prabhu Narayanan G...  
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Meeting guest
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External
- Gremen Viktor (AE/ECF-EE-HU)  
External
- Groher Patrick A... (External)  
External
- Gulde, Florian  
External
- Haik, Serouh (GQ...)

VECTOR

## Topcis addressed

- ▶ In cases when the **assessment takes place in the context of a cybersecurity-relevant development**, all cybersecurity-specific aspects in the PRM and PAM must be considered.
  - ▶ Specific cybersecurity requirements **relevant to the engineering** activities along the whole product lifecycle
  - ▶ Basic risk methodology for road vehicle cybersecurity
  - ▶ Organization of work (planning, tailoring, responsibilities,..)
- ▶ **Indications** in the direction of homologation are **to be assessed critically**.
  - ▶ Meaning of reference implementation of CSMS
  - ▶ Selected work results can be used as evidence for vehicle cybersecurity during the type approval (UNECE R.155) and re-certifications.





## Participants

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Tobias Danmayr

Ahmad Abdallah (Guest)  
Meeting guestAljaž Podobnik  
External

Andreas Riel

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Boris Arko  
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Damjan Ekert

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ExternalGroher Patrick A... (External)  
ExternalGulde, Florian  
ExternalIgor Zerjal  
ExternalJaka Kleč  
ExternalJan Uršič 2  
External

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Others invited (2)

Jonathan Breithenthaler  
No response

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## Aspects of the ISO/SAE 21434 in the scope of Automotive Spice® for Cybersecurity

Domains of cybersecurity activities described in clauses of the ISO/SAE 21434:2021

Organizational **Cybersecurity Management**

**Project** Dependent Cybersecurity Management

**Distributed** Cybersecurity Management

Continual **Cybersecurity Activities**

**Concept**  
Phase

Product  
Development

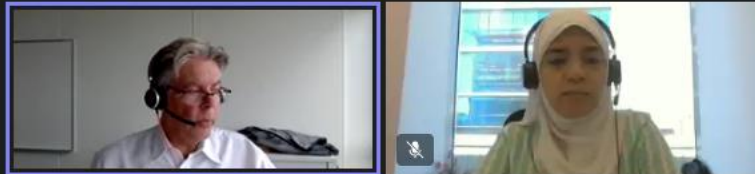
Post-Development:  
Production  
Operations/ Maintenance  
End of support/  
decommissioning

CS  
**Validation**

Threat Analysis and Risk Assessment Methods

Addressed by an **audit** of the  
**CSMS** (Cybersecurity Management System) /  
**ISO/PAS 5112**  
(**not** covered by the **Automotive SPICE® for Cybersecurity**)

Addressed by an **assessment** according to  
**Automotive SPICE® for Cybersecurity**

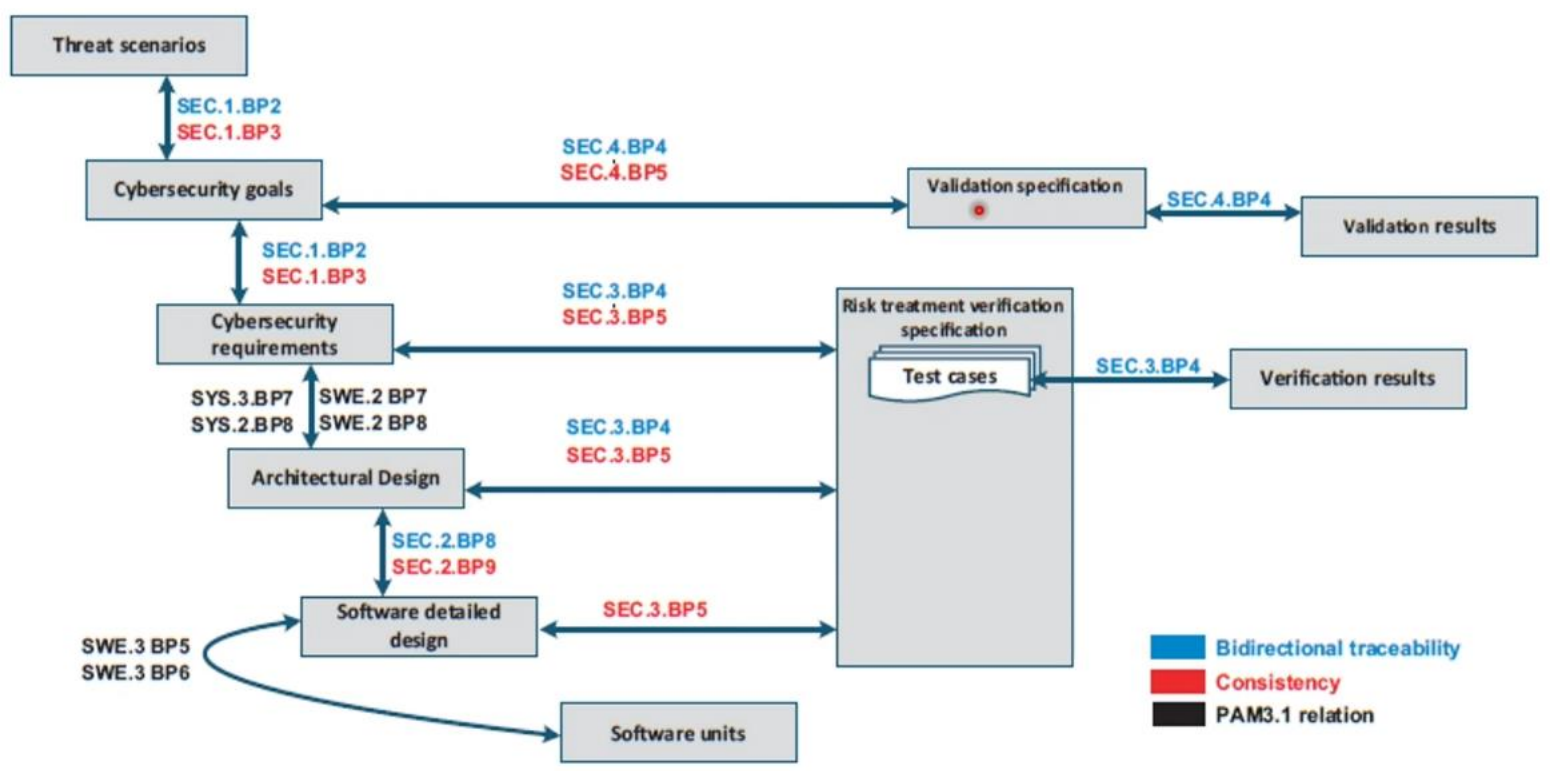


Participant avatars: Sudharsan..., Jindrich Bal..., Jaka Kleč, Damjan Ek..., Laura Asch..., Balaraman ... View all

Participants list: Type a name, Share invite, In this meeting (45) Mute all, Richard Messnarz (Organiser), Ahmad Abdallah (Guest), Aljaž Podobnik (External), Andreas Riel, Aust, Detlev (Consultant), Balaraman Prabhu Narayanan G... (External), Bernhard Sechser (External), Bernhardt Steger, Boris Arko (External), Damjan Ekert, Detlef Fehrer (Guest), Etzel, Haiko (K-GQS/1) (External), Fedele, Andrea (External), Gremen Viktor (AE/ECF-EE-HU) (External), Groher Patrick A... (External), Guido Florian



# Bidirectional Traceability and Consistency

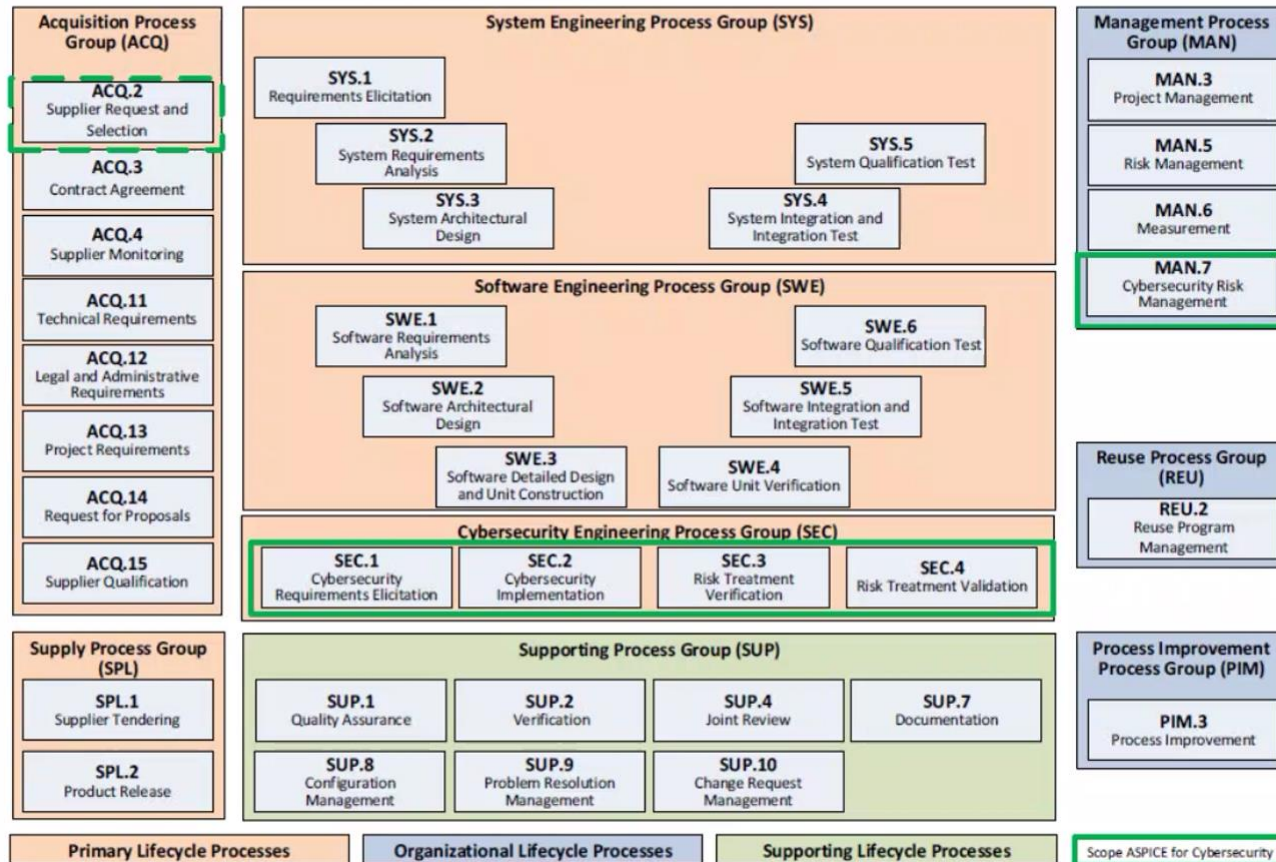


Source: Automotive SPICE® for Cybersecurity PRM/PAM v1.0

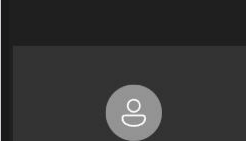
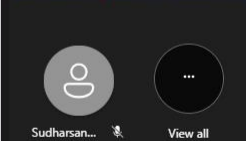


# ASPICE for Cybersecurity Assessments – Experiences 1/5

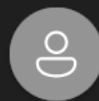
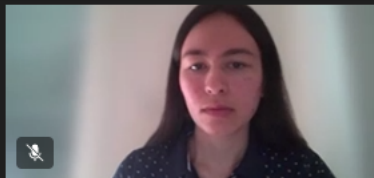
- ISCN Experiences with the assessment model (in assessments with co-assessors from AUDI AG, MB, lead Tier 1).



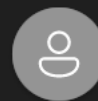
- MAN.7, SEC.1, SEC.2, SEC.3 have always been selected for the assessments.
- ACQ.2 so far has not been selected at all
- ACQ.4 (not marked in model, only in guideline mentioned as extended) was always selected and had to be rated separately for the CS relevant supplier
- SEC.4 penetration test had to be done by an independent organisation. Still SEC.4 at Tier has been assessed for the cybersecurity case validation part. And the contract and reports from the penetration test were checked.



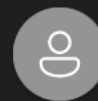
01:39:36



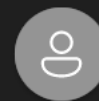
Damjan Ek...



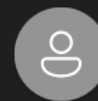
Michael, M...



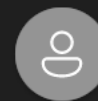
Radulovic, ...



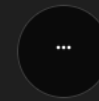
So Norimat...



Aust, Detle...



Aljaž Podo...



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## Participants

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Richard Messnarz  
OrganiserAhmad Abdallah (Guest)  
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ExternalGremen Viktor (AE/ECF-EE-HU)  
External

Graber Patrick A. (External)

## TEAM ROLES

ISCN  
www.iscn.com

## 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

8

Tobias Danmayr

20°C  
Teilw. sonnig

Search



10:10

28/08/2023





- Tobias Dan...
- Wegner Th...
- Michael, M...
- Liedtke, Th...
- Noha Mos...
- Sudharsan...
- Damjan Ek...
- Jaka Kleč
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- Fedele, Andrea (External)
- Grigor Viktor (AE/ECE/EE/HL)

VDA QMC

Verband der Automobilindustrie  
Qualitäts-Management-Center

# Automotive SPICE® V4.0

## Automotive SPICE® Guidelines V2.0

Status Report from VDA QMC Working Group 13





## Damjan Ekert (Regional Representative Austria/Slovenia since Q1/2023)

### About

- Automotive SPICE Competent Assessor since 2008
- Automotive SPICE Principal Assessor and Instructor (Provisional)
- VW SQIL – SW Quality Improvement Lead
- Senior SW Project Manager at ISCN GesmbH
- EuroSPI/ASA Certified Trainer for Functional Safety Manager
- Member of the EuroSPI Program Committee
- Working Group Member for the development of Automotive SPICE® for Cybersecurity Training
- Working Group Member for the development of the Process Expert Training

### Planned Activities 2023

- Online( or Onsite) Workshop on Automotive SPICE 4.0 (Discussion) in Slovenian Language October 2023
- Online (or Onsite in Graz, Austria) Gate4SPICE Event on Automotive SPICE for Cybersecurity for Q4 2023



**Damjan Ekert**  
Intacs-AT21-2331-20107-13  
Email: [dekert@iscn.com](mailto:dekert@iscn.com) & [damjan.ekert@intacs.info](mailto:damjan.ekert@intacs.info)

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Meeting guest
- Didier Stevens (External)  
External
- Etzel, Haiko (K-GQS/1)  
External
- Endole, Andras





Noha Mos... Tobias Dan... Wegner Th... View all

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- Fedele, Andrea  
External
- Grigor Viktor (AE/ECE/EE/HI)



**PACT FOR SKILLS PARTNERSHIP  
IN THE AUTOMOTIVE-MOBILITY ECOSYSTEM**

**DR. JAKUB STOLFA, ASA PRESIDENT, [JS@SKILLS-ALLIANCE.EU](mailto:JS@SKILLS-ALLIANCE.EU)  
MAREK SPANYIK, VSB-TUO, [MAREK.SPANYIK@VSB.CZ](mailto:MAREK.SPANYIK@VSB.CZ)  
DIEDIDIER STEVENS, ACEA, [DIEDIDIER.STEVENS@DSTEU.ONMICROSOFT.COM](mailto:DIEDIDIER.STEVENS@DSTEU.ONMICROSOFT.COM)**

[www.automotive-skills-alliance.eu](http://www.automotive-skills-alliance.eu)



Spanyik Marek (External)

03:29:23

Take control Pop out Chat People 45 Raise React View Notes Rooms Apps More

Camera Mic Share **Leave**



**Participants** ... X

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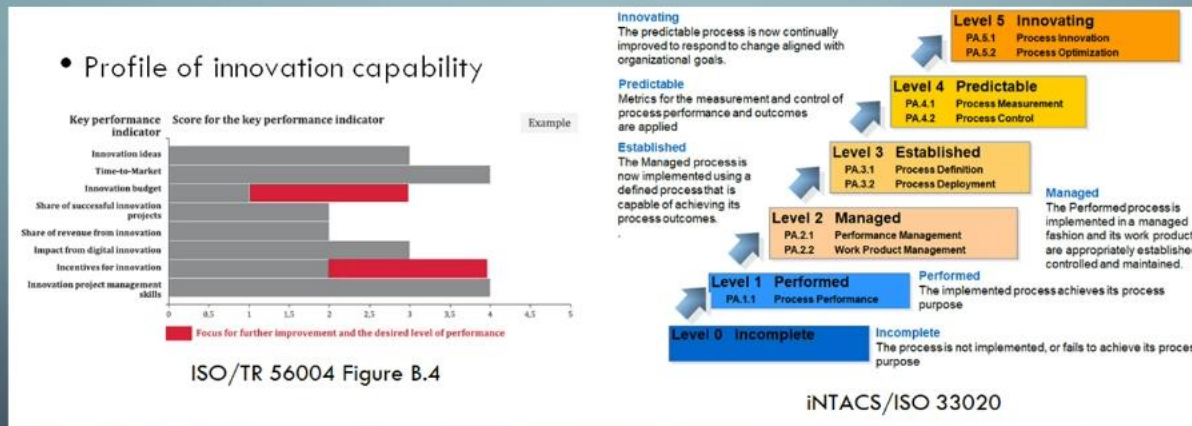
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- Guido Florian

# ISO 330XX AND ISO/TR 56004 ASSESSMENT AND INNOVATION NORM INTEGRATED

## Profile of innovation capability



ISO/TR 56004 Figure B.4

iNTACS/ISO 33020



Co-funded by the Erasmus+ Programme of the European Union

Damjan Ekert

23°C Stark bewölkt



11:59  
28/08/2023



# ACCESS TO PORTAL

## [HTTPS://ISO56000.EUROSPI.NET](https://iso56000.eurospi.net)



Web based assessment portal

ISO 56000 and ISO 33020 combined

Reference: Swedish national innovation assessment model

ISCN manages the EuroSPI platform and configured the infrastructure





Participants

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- Noha Moselhy (Guest) Meeting guest
- Richard Messnarz Organiser
- Aljaž Podobnik External
- Andreas Riel
- Balaraman Prabhu Narayanan G... External
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- Boris Arko External
- Damjan Ekert
- Danijel Antić External
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- Etzel, Haiko (K-GQS/1) External
- Fedele, Andrea External
- Gremen Viktor (AE/ECF-EE-HU) External
- Groher Patrick A... (External) On hold
- Gulde, Florian External

Microsoft PowerPoint ribbon: Datei, Start, Einfügen, Entwurf, Übergänge, Animationen, Bildschirmpräsentation, Aufzeichnen, Überprüfen, Ansicht, Hilfe. Includes icons for font, layout, and drawing tools.

## Benchmarking of Assessment Data Capability adviser tool export & utilisation

**Inputs:**

- In the capability adviser tool, the process scope, target level etc can be defined for each project assessment
- Multiple std and customized fields are available in the tool

**Utilisation:**

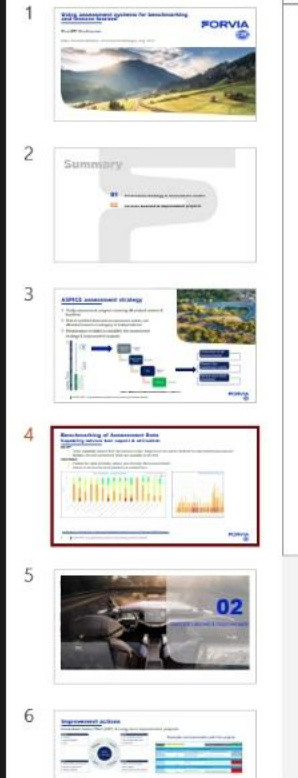
- Publish the data internally; allows user-friendly filters/views/charts
- Allows to access the best practices & weaknesses

ALL Processes - Level achieved

Worst BP/GP for ALL CL3

[Halma.metrics: dc2halma11v.dc.hella.com/halma/#metrics/metrics/chart=1121&project=6981&release=](https://halma.metrics.dc2halma11v.dc.hella.com/halma/#metrics/metrics/chart=1121&project=6981&release=)

4 | EuroSPI 2023 - Using assessment systems for benchmarking and lessons learned







Unmute (Ctrl+Shift+M) **Participants**

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- Gremen Viktor (AE/ECF-EE-HU)  
External
- Groher Patrick A... (External)  
External
- Guido Florian

## WG5 - Process Expert training material team PIM.3

Richard Messnarz	<i>ISCN GesmbH, Austria</i>
Thomas Wegner	<i>ZF Friedrichshafen AG, Germany</i>
Vesna Djordjevic	<i>Kugler Maag CIE North America Inc.</i>
Viktor Grémen	<i>Robert BOSCH Kft, Hungary</i>
Winifred Menezes	<i>Kugler Maag CIE North America Inc.</i>
Ahmed Alborae	<i>VALEO, Egypt</i>
Rainer Dreves	<i>SPICE Consulting, Germany</i>
So Norimatsu	<i>JASPIC, Japan</i>
Bernhard Sechser	<i>Process Fellows GmbH, Germany</i>

2 The new process improvement expert training module from INTACS -EuroSPI | © 2023, version 2.2

intacs.info  
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Slide navigation pane showing thumbnails for slides 1 through 6. Slide 4 is currently selected.

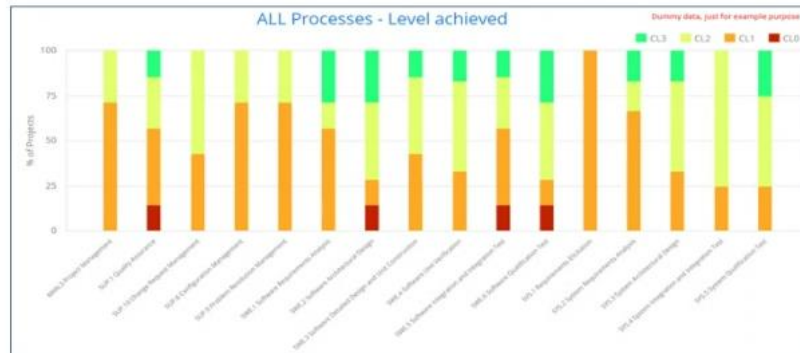
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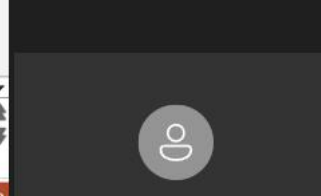
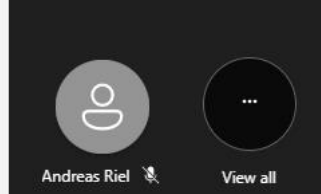
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Michael, M...



Noha Mos...



Wlokka Alb...



Wegner Th...



Spanyik Ma...



Mikus Zelm...



Balaraman ...



Bernhard S...



View all



## Cases

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- **Case 0: Classic according to VDA**
  - The project has different sub-teams working with the same process area but having different processes, tools, methods
    - Separating base software from function software team
    - Separating different suppliers in ACQ.4
- **Case 1: Suppliers covering different engineering process areas**
  - The project has different suppliers working in different engineering process areas and having different processes, tools, methods in the management and supporting processes
    - Separating Requirements Engineering, Design, and Testing
    - Separating different suppliers in ACQ.4
- **Case 2: Platform**
  - The same platform is used in a set of application projects
    - Example. SW lib rolled out to projects, many variants of the lib used, roll out of the platform assessment

## Participants

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Organiser



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External



Andreas Riel



Aust, Detlev (Consultant)  
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Fedele, Andrea  
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Geber Patrick A. (External)

