



intacs® News

Presentation at the EuroSPI TechDay

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# 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

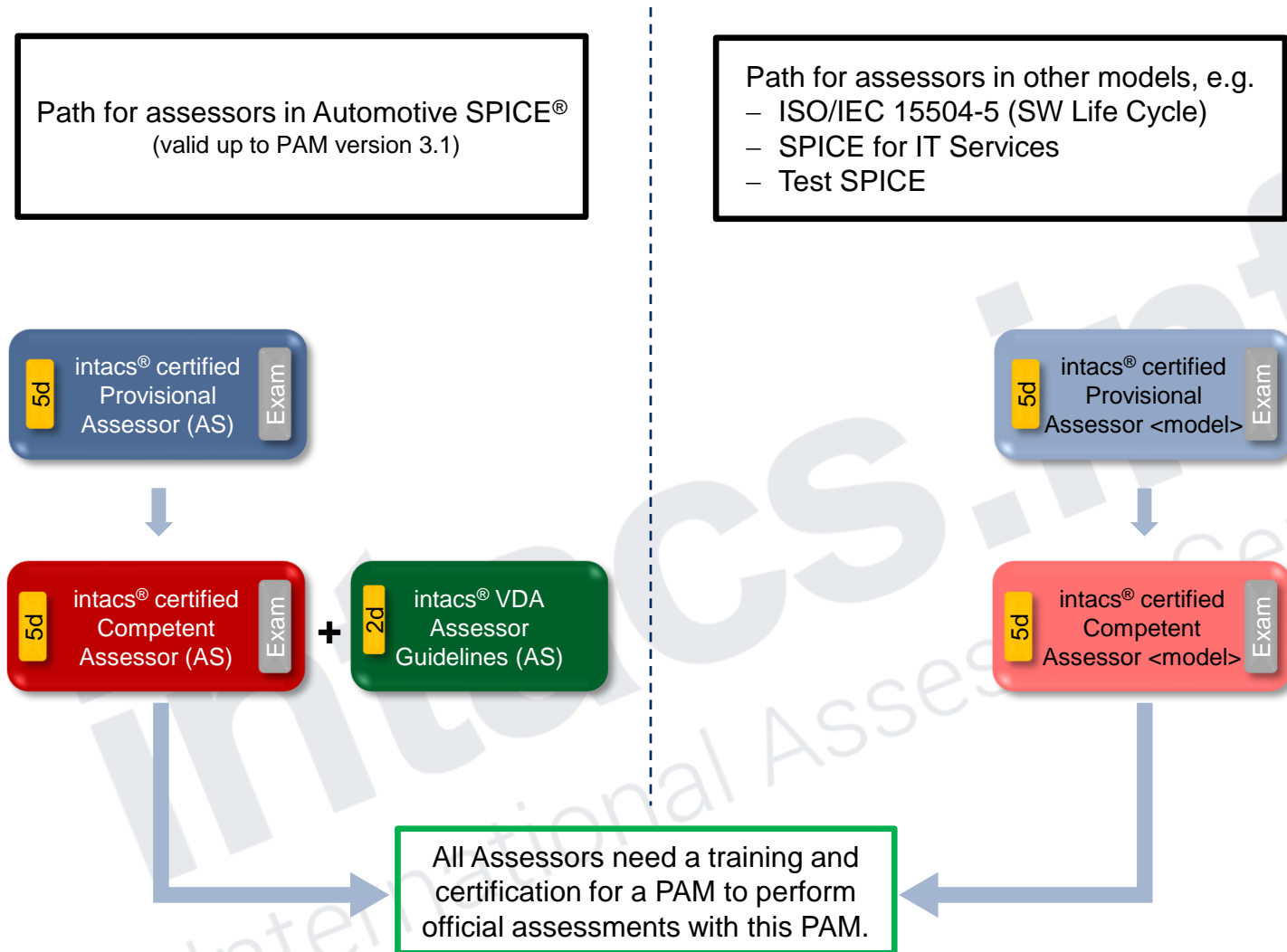
## Planned Activities 2023

- 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



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# Current intacs® Training Architecture



# Challenges

## Model Changes

Cyber Security SPICE

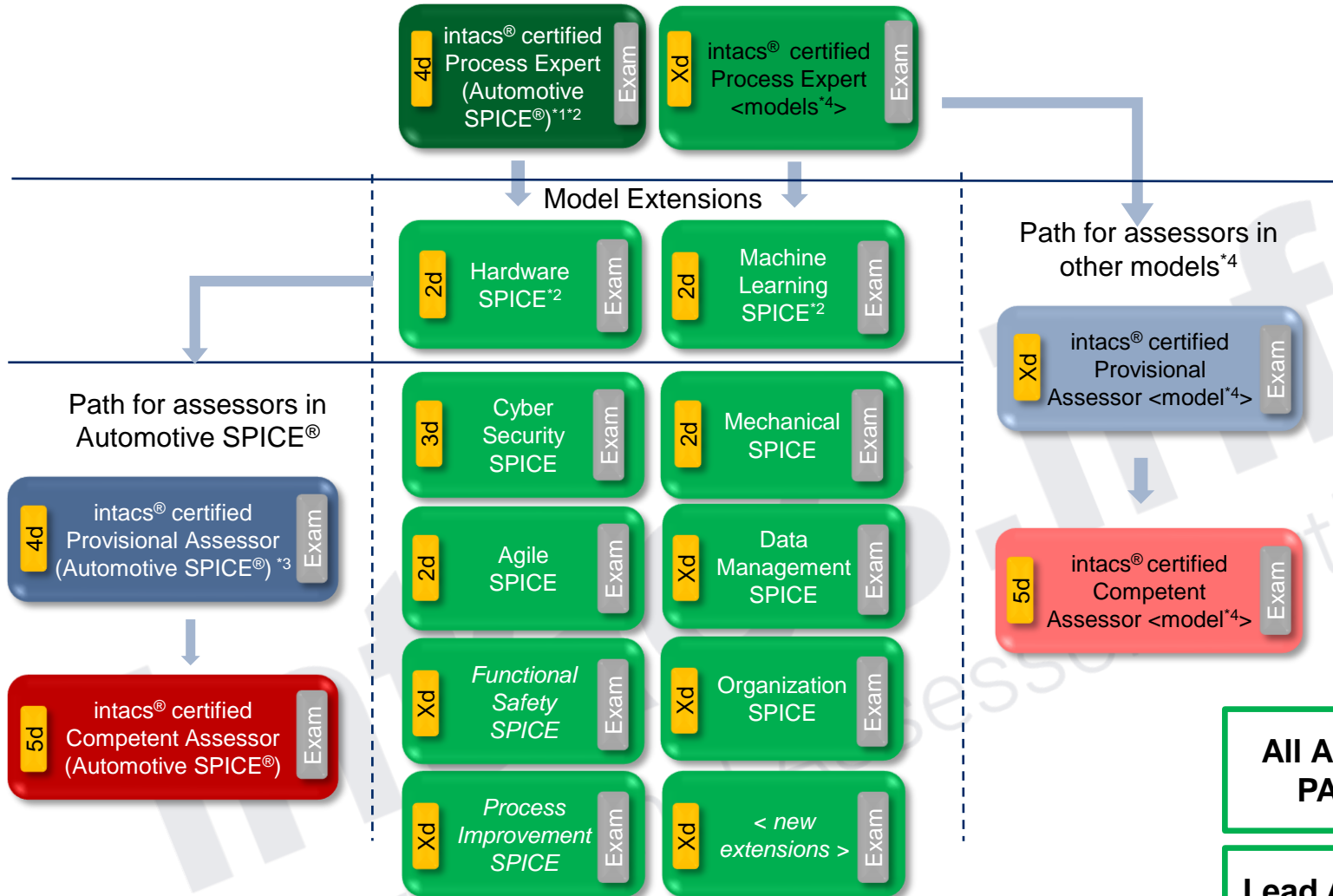
Hardware SPICE

Machine Learning SPICE

Split of Model and Assessor content

Integration of Guideline content

# Future intacs® Training Architecture



\*1 includes all PAM 4.0 processes without HWE and MLE, emphasizes Process Improvement

\*2 includes all Guideline aspects regarding content

\*3 includes all Guideline aspects regarding rating

\*4 Other models, e.g.  
 – Medical SPICE  
 – SPICE for IT Services  
 – Organizational SPICE  
 – Improvement SPICE  
 – Test SPICE  
 – ISO/IEC TS 33061 (SW Life Cycle)  
 – ...

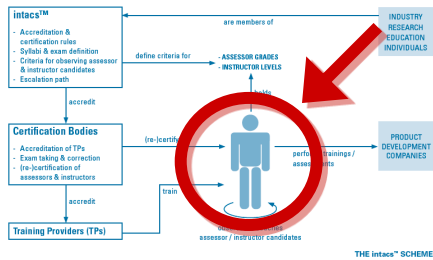
\*5 Core PAM for Automotive SPICE® PAM 4.0 includes model extensions for Hardware and Machine Learning

**All Assessors** need a training and certification for a **Core PAM**\*5 to perform official assessments with this PAM.

**Lead Assessors** need a certification for a **model extension** to perform official assessments with this extension.



# Future intacs® Certification Levels



- Proven teaching skills
- Approval by an accredited instructor (observation process)
- No training course or exam

- Continuously and actively contributes to the international SPICE community's knowledge & best practices
- No training course or exam

- Active assessment experience
- Passed training course & exam
- Capable of leading assessments

- Passive assessment experience
- Passed training course & exam
- Capable of acting as a co-assessor

- Little or no assessment experience
- Passed training course & exam
- Capable of supporting internal improvement activities



**“intacs® certified Process Expert“**  
 (Automotive SPICE®, Test SPICE, Medical SPICE, SPICE for IT Services, ...)



**“intacs® certified Provisional Assessor“**  
 (qualified for all passed Process Expert PAMs; domain specific qualifications may apply\*)



**“intacs® certified Competent Assessor“**  
 (qualified for all passed Process Expert PAMs and Extensions; domain specific qualifications may apply\*)



**“intacs® certified Principal Assessor“**  
 (qualified for all passed Process Expert PAMs and Extensions; domain specific qualifications may apply\*)



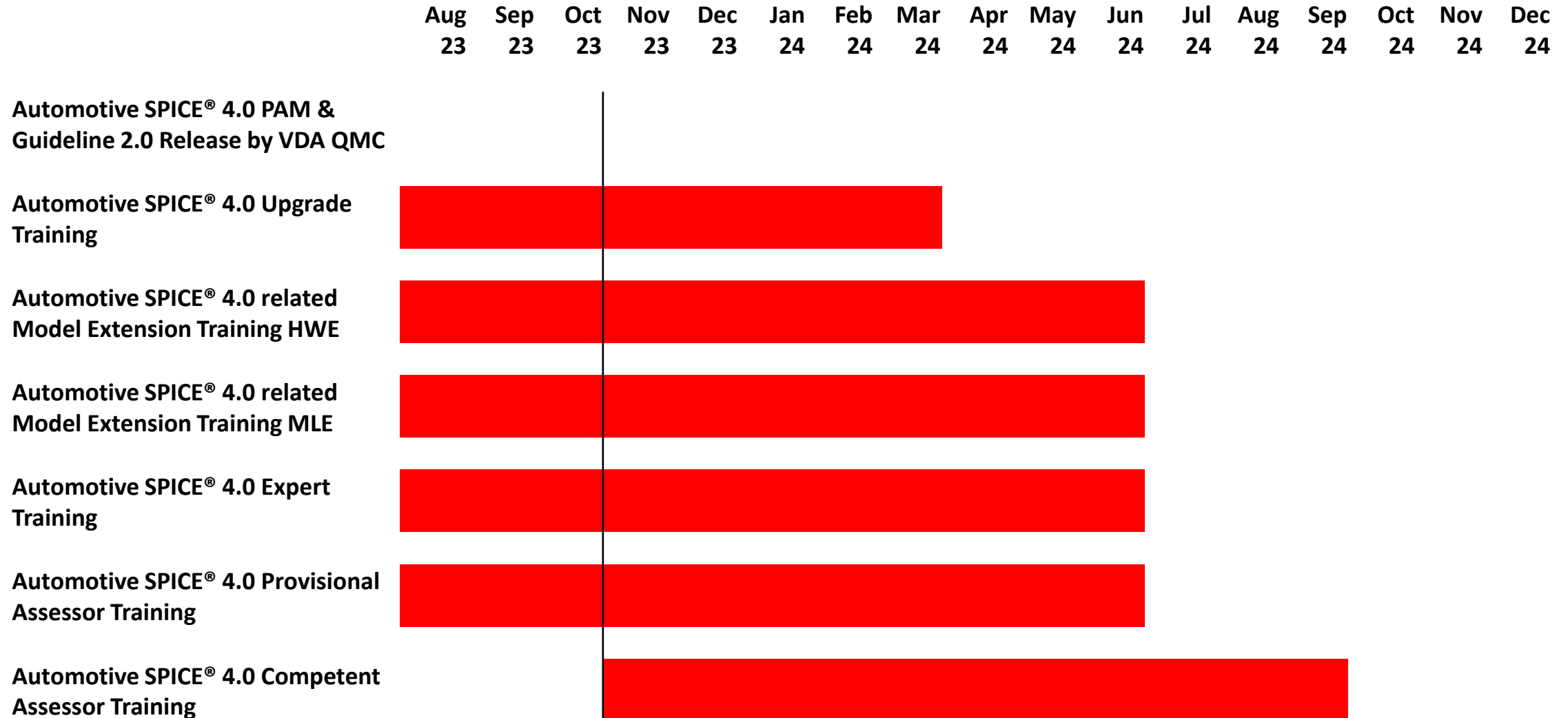
**“intacs® certified Instructor Provisional Level“**  
 (qualified for all passed Process Expert PAMs and Extensions; domain specific qualifications may apply\*)



**“intacs® certified Instructor Competent Level“**  
 (qualified for all passed Process Expert PAMs and Extensions; domain specific qualifications may apply\*)

\* e.g. „VDA Assessor Guideline“ for Automotive SPICE®

# intacs® Development Roadmap – Timeline



# intacs® Upgrade Training Automotive SPICE® 4.0

## intacs® Regulation (based on current discussion with stakeholders)

1. Each **Lead Assessor** (Competent Assessor level and above) must attend an Upgrade Training.
2. The training content is dealing with **new process areas** (HWE, MLE, VAL) and **concept changes**.
3. There must be a **proof of competence** of the trainees, e.g.
  - The proof takes place during the training like in the current Competent Assessor training (preparation of exercises **before** start of the training, presentation **during** training).
  - An examination can be omitted.
4. The **trainer confirms** the competence of the trainee by creating a named “Evidence of Competence” (e.g., observation report)
5. This evidence will be defined in an updated version of the **certification procedure**.
6. The evidence must be submitted for all **re-certifications** to the certification body.
7. “Instructor Competent Assessor” level is defined as **trainer qualification**.
8. This regulation is **valid for one year** from go-live of Automotive SPICE® 4.0 Upgrade Training.

# Training Concept during Transition Phase

