

## intacs® certified Automotive SPICE® Machine Learning Training

### Goal

This training explains the Machine Learning specific processes in Automotive SPICE® PAM 4.0 and prepares participants for the intacs® certified Automotive SPICE® Machine Learning exam. Assessors will learn the basics of Machine Learning to enable sound assessments in the future while Machine Learning engineers understand the importance of systematic processes and how using Automotive SPICE® during process development and monitoring can help their respective company.

### Content

- Introduction to Machine Learning
- Placement of Machine Learning processes PAM 4.0
- Details of the Machine Learning Processes MLE.1-4 and SUP.11 including VDA
- Guidelines content
- Overview of other relevant AI and Machine Learning standards and regulations
- Various exercises and quizzes along the way to ensure comprehension and
- preparedness for the exam

### Target Group and Prerequisites

People who plan to perform assessments including the Machine Learning processes of Automotive SPICE® PAM 4.0

People who are tasked with improving or monitoring development processes including Machine Learning aspects

### Duration

2 Days

## Schedule

### Agenda Day 1

- 09:00 **Introduction**
- 09:45 **Optional: Short Intro Automotive SPICE®**
- 10:15 Break
- 10:30 **Introduction Machine Learning**
- 12:30 Lunch Break
- 13:30 **Placement of ML processes in the PAM**
- 14:30 **Details ML Processes (MLE.1-4 & SUP.11)**
  - in between 15 min Break
- 17:30 End

### Agenda Day 2

- 09:00 **Recap Day 1**
- 09:30 **Details ML Processes (MLE.1-4 & SUP.11) - Cont.**
  - in between 15 min break
- 12:00 **Other AI Standards and Regulations**
- 12:30 Lunch Break
- 13:30 **Summary, Q&A, Feedback**
- 15:00 Break
- 15:30 **Exam**
- 17:00 End

### Training Materials

The course materials are available in English. Each participant will receive the training materials as well as a certificate of attendance.

## Cancellation

Cancellation is not possible. You may determine a substitute or attend the course at a later date.

## Examination and Certification

Exams are organised by VDA and performed in the afternoon of the last training day. The exams are available in German or English.

45 mins. exam time (60 min. if the exam language is not your native language)

The exam is single choice (true/false) and open book.

The exam contains 30 questions.

Each question can be answered with True or False.

Each correct answer gives one point.

You need to gain more than 75% of the points to pass (i.e., 22 correct out of 30 questions)

## The EuroSPI Academy

The training is held in the EuroSPI academy in cooperation with ISCN. The company ISCN is a certified training partner of VDA-QMC and Intacs<sup>®</sup> for Automotive SPICE (<https://www.iscn.com/ressources/PDFs/ISO330xx-intacs-cert-iscn.pdf>, <https://www.intacs.info/training-center>).

The EuroSPI Academy (<https://academy.eurospi.net>) was founded in 2021 in cooperation with the ASA (Automotive Skills Alliance) and offers an advanced online training environment with materials, templates and exercises. EuroSPI and ISCN are full partners of the ASA (<https://automotive-skills-alliance.eu/#partners>).