

# Introduction to Software Capability & Maturity (ISO 15504 / ASPICE V3.0) - 2 -Introduction for System and Software Engineers - Module A+B

## Who should attend

- Technical staff wishing to have a full understanding of the ASPICE standard, starting from the scratch, but with a detailed view on technical processes only.

**Duration:** 2 Days

**Language:** selectable between German and English, training material will be in English.

## Scheduled courses

## Course Topics

- Quick history of SW capability & maturity standards and models
- ISO/IEC 15504 (SPICE)
- Automotive SPICE
- The HIS SCOPE
- Process Reference Models and Process Assessment Models
- What is a SPICE Assessment
- From ASPICE 2.5 to ASPICE 3.0

### System Engineering Process Group (SYS)

- SYS.1 Requirements Elicitation
- SYS.2 System Requirements Analysis
- SYS.3 System Architectural Design
- SYS.4 System Integration and Integration Test
- SYS.5 System Qualification Test

### Software Engineering Process Group (SWE)

- SWE.1 Software Requirements Analysis
- SWE.2 Software Architectural Design
- SWE.3 Software Detailed Design and Unit Construction
- SWE.4 Software Unit Verification
- SWE.5 Software Integration and Integration Test
- SWE.6 Software Qualification Test