

# Introduction to Software Capability & Maturity (ISO 15504 / ASPICE V3.0) - 4 - Complete Introduction for all Technical Staff - Module A+B+C

## Who should attend

- Technical staff and managers wishig to have a full understanding of the ASPICE standard, starting from the scratch.

**Duration:** 3 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)
- Auotomotive SPICE
- The HIS SCOPE
- Process Reference Models and Process Assessment Models
- What is a SPICE Assesment
- 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
  
- Management Process Group (MAN)
- MAN.3 Project Management
- MAN.5 Risk Management
- MAN.6 Measurement
- (ACQ.4: Supplier Monitoring)
- Supporting Process Group (SUP)
- SUP.1 Quality Assurance
- SUP.7 Documentation
- SUP.8 Configuration Management
- SUP.9 Problem Resolution Management