

## Introduction to Software Capability Assessment Models (IT-21)

An *Attendance Certificate* shall be issued to each participant

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Duration	1 day
Prerequisites	Course IT-20 (recommended - or equivalent knowledge)
Language	Italian or English
Training material	English

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### Programme

#### [Session 1]

- Evolution of Quality Standards in SW-driven automotive Systems
  - ISO 9000 - Quality management
  - ISO/TS 16949
  - ISO 90003
  - IATF 16949
- Quality and Safety in the Automotive domain: the role of ISO 26262

#### [Session 2]

- SPICE as a SW Capability Model
  - Origin of SPICE
  - The VDA scope (formerly HIS scope)
  - Advantages of capability models
  - The Capability Levels
- SPICE Indicators
  - Hierarchy and structure of indicators
  - Rating
  - Process Profiles vs Capability Profiles
- SPICE vs ASPICE
  - Evolution of ASPICE
  - Relevant bodies (VDA, intacs,...¶)

This course is traditionally structured as teacher's presentations + Q&A time.

The theoretical concepts will be explained with customer cases (if provided) or with anonymous cases.

If required by the customer, during the last 30' a written exit test will be conducted.