



## Module A4 / Automotive SPICE – Integration and Testing Process Areas

### What is the scope of this module?

Integration and Test processes are focused on bringing all developed items together and check them against the requirements to be sure, that the right solution came to live. During the integration and release process there are several steps of quality checks to be considered. According to Automotive SPICE the involved processes are listed as Integration and Integration Test, Qualification Test and Quality Assurance.

We would like to introduce you into the Base Practices (BP) of the selected Process Areas of Automotive SPICE with day to day seen situations. As a base we focus first on the theory of the standard by explaining the listed BPs. We build on this theory and work together on the practical day to day seen situations and examples.

### What are the goals for me in attending this training?

We assume you have many open questions in your mind, which you carry with you day to day. This list of questions getting more and more...

"I heard that using Jenkins doesn't mean we do continuous integration. Is this right?"

"Why is it important to have unit tests, if later end to end tests are done anyways? "

"Which reports from testing are required by Automotive SPICE?"

"What is an integration test?"

"How shall we introduce a release approval process?"

Let us understand the standard and find in practical examples the answers to your day to day questions

### Am I the right one to attend to this module?

Did you attend our training **module A**? If yes than the first step is done to be the right one for this session. You act as a part of the **integration and test area** or you are involved in the release approval process **in your organization** and you have a bunch of questions about Automotive SPICE? We think exactly you are the right one to attend this session.

### A rough overview of the agenda

Introduction into the Integration and Test Areas

Roles in the Integration and Test Areas

From Architecture to Integration / Traceability

How to set the right Test strategy

Release approval process

KPIs and Metrics

Escalation Process

Different types of working models (traditional, agile)

And many practical exercises from daily work

### How long and where does this module going to take place?

1 day

### Contact

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