MINDSHIFT

Module A3 / Automotive SPICE – Development Process Areas

Which part of the development is included here by naming "Development Process Areas"?

In this module we would like to focus on the processes starting from Requirements Analysis until Verification of developed units. In the Process Assessment Model (PRM) according to Automotive SPICE these are called Requirements Analysis, Architectural Design, Detailed Design, Unit Construction and Unit Verification. These process areas deal with the right understanding of requirements and their right translation to the architectural design. In turn the architectural design is the base of the realization of the units, which in their entirety form the system.

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…

"Is there a systematical way of analyzing requirements?"

"Our SW architecture is changing all the time. Is this ok?"

"We have an internal coding guideline. Do we still need to focus on MISRA?"

"What is a unit?"

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 so, then the first step is done to be the right one for this session. You act as a part of the **development (architect, developer, designer) or test and integration, but also project management, quality and process management, configuration management 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 Development Process Areas

Roles in the Development Process Areas

Requirements Analysis / INVEST

Initial Architecture vs Architecture tasks during development

Development process including reviews

Supplier handling in development

How to set the right unit verification criteria

Traceability model

Different types of working models (traditional, agile)

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

1 day

Contact

info@mindshift.world