



10 FAQs ABOUT THE END-TO-END DIGITAL VALIDATION PLATFORM

Everything you need to know!

The SAP initiative for the End-to-End Digital Validation Platform was developed to support companies on their cloud journeys, such as RISE and GROW with SAP, or SAP Digital Manufacturing. Traditional validation approaches are reaching their limits in the face of shorter release cycles, growing regulatory requirements.

The platform provides a consistent, automated and auditable validation approach, offering a fully integrated tool-chain that includes LeanIX, Signavio, SAP Cloud ALM, Tricentis and the DHC Smart Validation Accelerator (DHC SVA). This reconciles innovation and compliance, preventing validation projects from becoming an obstacle to innovation.

1. Why is a new validation platform for SAP needed?

SAP's cloud strategy, which includes S/4HANA Cloud Private and Digital Manufacturing Cloud, introduces new operating models and frequent release cycles. Traditional validation approaches with static documentation are reaching their limits. The End-to-End Digital Validation Platform enables continuous, automated, integrated validation.

2. What are the main drivers for introducing the platform?

1. SAP S/4HANA Transformation:
Migration to the Private Cloud and its new requirements.
2. Replacement of SAP Solution Manager:

maintenance will end by 2030 at the latest, and SAP Cloud ALM will be introduced as an evolution of SAP Solution Manager.

3. SAP Digital Manufacturing (MES):

a cloud-only solution with quarterly releases and short validation windows in the SaaS/public cloud environment.

3. What challenges does the platform address?

Validation projects should not hinder innovation. At the same time, the rapid cycles of innovation in cloud and AI require new concepts. The platform focuses on continuous, integrated, automated validation.



4. What is the vision for the E2E Digital Validation Platform?

Validation is fully integrated into the SAP toolchain. Rather than using static documents, objects such as URSs, risk analyses, specifications and test cases are managed in a database. This enables complete traceability and automation throughout the entire lifecycle.

5. Which tools are included in the SAP validation toolchain?

- LeanIX: architecture and system inventory, including GxP criticality
- Signavio: process modelling (scope items).
- SAP Cloud ALM: a platform for IT processes, change and test management
- Tricentis: test automation
- DHC Smart Validation Accelerator (DHC SVA): add-on for validation capability in SAP Cloud ALM.

6. How does validation work in practice?

Validation objects are linked throughout (URS → Risk Analysis → Functional Specification → Test Cases). Changes to processes or releases are automatically detected and incorporated directly into the validation process. Automated tests and reports ensure compliance.

7. How is traceability ensured?

The platform automatically generates a traceability matrix for all objects. Missing links are highlighted (e.g. marked in red). The matrix can be accessed interactively or exported as an Excel list, with no manual maintenance required.

8. What is the function of the DHC Smart Validation Accelerator (DHC SVA)?

DHC SVA is an add-on that extends SAP Cloud ALM with validation functions. It enables automated work with URS, risks, specifications and test cases, ensures audit compliance and supports rapid roll outs and continuous changes.

9. How are tests and final documentation carried out?

Tests are performed in SAP Cloud ALM, documented there, as well as in DHC Smart Validation Accelerator. Tricentis can be used to run test cases automatically. Automatic test reports provide comprehensive evidence, including test results and status displays.

10. What recommendations are there for companies?

- Start using the toolchain (LeanIX, Signavio, SAP Cloud ALM, Tricentis and SVA) early on, and do so step by step if necessary.
- Modernise the validation strategy to combine innovation and compliance.

Contact our experts if you would like to find out more.

If you would like to find out more about the End-to-End Digital Validation Platform, please get in touch to arrange a free, one-to-one consultation with our experts and a system demonstration.



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