

How can integrated process design, requirement management, and test automation aid ERP transformation?

Blending methodology and technology to help business and IT teams collaborate on implementation and design

Breakthrough innovations in healthcare and agriculture from Bayer AG help create a better future. The global enterprise contributes to a world in which people can take better care of their health and where there is enough food produced for everyone—with respect for the planet’s natural resources. In fact, at Bayer, growth and sustainability go hand in hand as the company strives to achieve profitable growth while making a positive contribution to society and the environment.

Bayer is reimagining its ERP landscape, moving from a highly customized on-premises environment to an advanced, resilient digital platform to enable smooth, integrated, and harmonized processes and exceptional user experiences. But to do so successfully, it must ensure all project members are speaking the same language, whether they’re designing, building, testing, or deploying the new platform.



Enabling a global transformation to SAP S/4HANA with a harmonized approach from process design to solution deployment

Before: Challenges and opportunities

- Lack of a unified approach and robust tools to support a greenfield implementation of SAP S/4HANA
- Existing tools that focused on individual capabilities such as solution documentation and were not integrated with process design or test automation
- Need for an advanced and consistent methodology to aid a successful greenfield implementation

Why SAP

- An integrated tool chain based on SAP Signavio solutions, SAP Solution Manager, and SAP application testing solutions by Tricentis and provided to help manage the RISE with SAP journey
- Robust methodology supported by a connected and consistent approach across solutions
- SAP LeanIX solutions to enable enterprise architecture management with a focus on transparency, optimization, and transformation of business capabilities, IT applications, and Interfaces
- SAP MaxAttention services, offering design, testing, and implementation expertise

After: Value-driven results

- Steered the ERP transformation with an advanced, efficient process design and collaboration platform integrated with application lifecycle management
- Aided compliance with requirement and implementation management based on good practices
- Increased efficiency with an integrated test management set for test automation

“By smoothly integrating collaborative process design, requirement management, and test automation, Bayer’s business and IT teams are succeeding in transforming the organization’s ERP to a state-of-the-art digital platform.”

Gunnar Moog, Solution Deployment Lifecycle Lead, Bayer AG

>1,000

Processes modeled and approved in SAP Signavio solutions in 18 months

>60%

Target for test automation rate, currently at 20% and rising

1

Source of truth for target architecture and processes