## Prolifics.

# **SAP S/4HANA Migration Platforms and Testing**



Your SAP S/4HANA Migration -Near Zero Downtime, 70% reduction in test execution time

You can count of Prolifics for on time and on budget migration and testing



#### The business case

SAP S/4HANA is the next generation of SAP's enterprise resource planning (ERP) solutions. Improvements include a simplified data model, user-friendly interface, industry-specific solutions, and advanced analytics while emphasizing data security and compliance. SAP S/4HANA offers both cloud and on-premises deployment.

### The Prolifics migration solution

Prolifics offers an SAP S/4HANA migration-integration solution that will help you build your data-driven business models of tomorrow – today. We have a proprietary software platform that offers you:

- Near-zero business downtime
- Cost efficiency through our global delivery approach
- Predictability in implementation
- Unbiased advice and approach selection
- Automation of migration activities
- Migration project governance
- Several transformations in one go-live
- A future-ready organization primed for innovation

We've successfully completed more than 70 Bluefield (building a new system from scratch) and Brownfield (bringing in existing functionalities) migrations, and we can tap more than 500 Prolifics SAP functionality, programming and testing experts.

Prolifics is a digital engineering firm helping clients accelerate their digital transformation journeys.

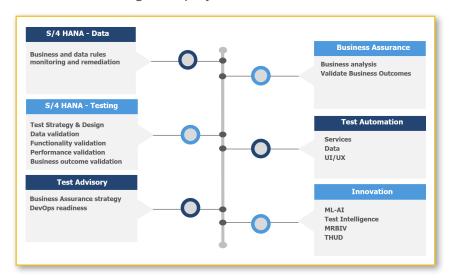






#### Our SAP S/4HANA testing services

At Prolifics, testing is not an afterthought – it should be integrated into the process through end-to-end automation testing solutions. We take every opportunity to automate your process, unlike other testing providers that add more bodies to get the work done. We also "automate the automation" with powerful, internally built intellectual property (IP) – our "accelerators" – that automate scripts on their own. Our mindset ensures that testing teams keep up the same rate as the migration projects.



Prolifics' internally developed intellectual properties (IP) – our accelerators – include:

- Business Assurance 360 (BA360) automates the building of test cases as aligned to business objectives
- Effecta automates the test execution of data transmissions
- Effect Data Validation automates data testing after migration and accelerates data validation
- DME (Data Mining Engine) extracts test data to send to test automation
- Auto Learn part of BA360 that connects to the SAP environment and extracts configuration data for test cases
- More than 1,500 pre-built automated scripts

Our technology partners include Microfocus, IBM, and Tricentis. We use a variety of automation testing tools to provide comprehensive solutions. These include Selenium, Appium, Cucumber, UFT One, Rational Functional Tester, and Tosca.

### Client success story - SAP S/4HANA testing

Our client is a global chemical and fertilizer producer and seller, who undertook a database migration to SAP S/4 HANA. They needed scalable test automation tools and had strict project timelines and cost budgets. Prolifics assembled a team of business process SMEs and test validation specialists to ensure project success. Leveraging our test accelerators, we automated complex file comparisons and validations, streamlining the process and saving valuable time. All key functional test cases for HANA were automated using Tricentis Tosca Test Automation Tool, integrated into CI/CD for efficient regression testing. As a result, we not only delivered the project within budget and on time but also significantly enhanced test coverage and early defect detection – this was due to our internally-developed SAP test and validation accelerators. Our efforts led to a remarkable 70 percent reduction in test execution time, ensuring high-speed transaction processing and reporting.

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