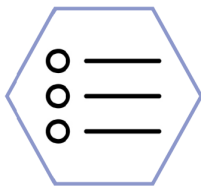**Prolifics Testing**

CHALLENGES AND PROVEN SOLUTIONS FOR SAP IMPLEMENTATIONS
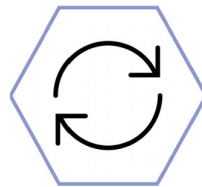
END-TO-END SOLUTIONS

ADDRESS CHALLENGES
World-class functional and performance testing tackle common obstacles

ACHIEVE GOALS
Continuous alignment between project team and sponsoring business

QUICKER RESOLUTION
Engage testing resources early in the development cycle to identify issues sooner

CATALOG RISK
Prioritisation and depth of testing is focused on riskprone solution areas

TRENDS IN SAP-BASED SOLUTIONS

SAP clients want to reduce the cost and risk of implementing changes to their SAP platforms. However, a pair of trends make this objective difficult to achieve.

First, SAP-based solutions are becoming increasingly more complex, automating business processes that are dependent on SAP as well as internal legacy applications across various platforms. Also, as these SAP-based solutions are integrated to customer-facing applications, the cost of getting it wrong can have serious brand and revenue implications. Implementation success has become a mission-critical objective.

Second, organisations are transitioning from a traditional waterfall style of IT. They are embracing more agile development and deployment methods to realise incremental return on investment (ROI) from their large investments in SAP.

The result, in terms of missed requirements, cross–project/application dependency management, data quality management, integration development complexity, and compressed testing cycle times, takes clients further from their goal of reducing the cost and risk associated with deploying SAP-based solutions.

At Prolifics Testing, we have been able to help leading companies address these challenges by focusing on three critical areas: Testing Services, Data Management, and Integration Services.
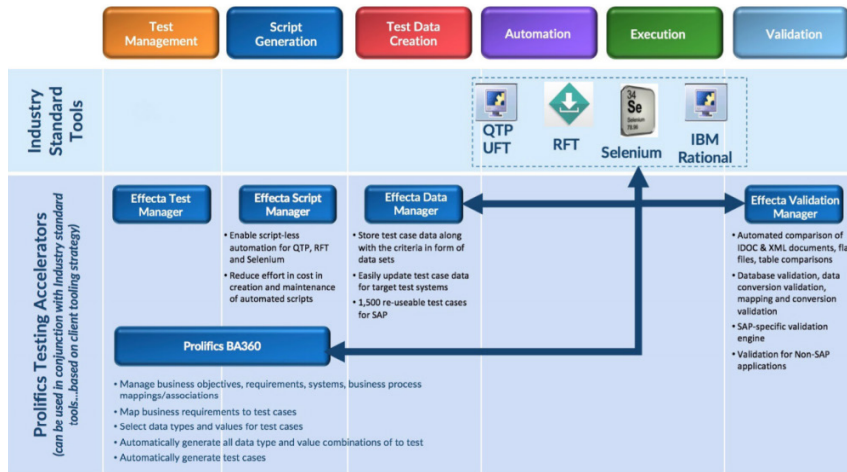
Prolifics Testing Services

Three challenges face the quality assurance and testing functions in SAP projects. They are the need to:
• Increase frequency and reduce cycle time for test execution and remediation while not sacrificing test coverage
• Test across complex hybrid environments (SAP, legacy applications, web and mobile, etc.)
• Create, execute, and report on a massive number of test cases required to fully ensure solutions

Prolifics Testing helps leading companies address these challenges by providing world-class functional andperformance testing across a variety of technology platforms, including SAP, on premises and cloud-based web and mobile applications. Prolifics Testing is differentiated through our business assurance methodology, which:
• Ensures alignment of testing to business objectives
• Focuses testing on high risk areas
• Leverages advanced automation throughout the testing process

Figure 3. Prolifics Testing' industry standard tools and unique accelerators, which can be tailored to client-specific needs

Business Assurance Methodology Tenets

The three tenets at the heart of Prolifics Testing' Business Assurance methodology are:

1. Alignment to business objectives.
Beyond just testing, the goal is to ensure all project participants and stakeholders align their efforts to the objectives defined by the business. This ensures continuous alignment between the project team and the sponsoring business throughout the course of the project.

2. Implementing a "shift left" approach to testing.
At Prolifics Testing, this means engaging testing resources early in the software development lifecycle, irrespective of the methodology being used. Early involvement of testing ensures fewer missed requirements, and requirements that are clear, atomic, and testable. Issues are identified early in the project, when the cost to remediate is exponentially lower.

3. Risk-based test design.
By assigning a risk score to each project requirement based on multiple dimensions of risk, Prolifics Testing can ensure that the proper prioritisation and depth and breadth of testing is focused on critical areas of the solution.

Beyond just a methodology, Prolifics Testing' Business Assurance is supported by the use of industry standard tools and accelerators to drive project success. Prolifics Testing' extensive experience and expertise in testing automation enables clients to move beyond simple automated regression testing. Automating test design, case creation, data preparation, execution, and reporting has help clients migrate to continuous improvement/ deployment models.

As a means to reduce risk, delivery cycle time, and cost, clients look to independent verification and validation (IV&V) partners to ensure quality across their complex SAP projects. Drawing on their expertise and experience in testing and quality assurance, IV&V partners can coordinate quality assurance across the entire project team and drive specialisation of functions between SAP Integrator Partners and QA resources.

Contact **info@prolifics-testing.com** to find out how Prolifics Testing' Business Assurance is right for your enteprise.