



Building a robust automated regression test for SAP upgrades

How TSG's Test Automation as a Service helps give you the confidence to implement new releases, safe in the knowledge that your business as usual process will continue to be supported.

The complex nature of an SAP environment requires that it is frequently in need of upgrading – be it for software improvements or changes to your company's business needs.

Regardless of the nature of the change, it is critical that your SAP business processes are tested to give you the confidence that they will continue to underpin your business. The key to a successful upgrade is getting an automated regression test pack together that validate your business processes remain supported – in the shortest possible time, cost effectively and efficiently.

T-SAP is a cost-effective way for you to gain confidence and assurance that your SAP upgrades and deployments will continue to support your business – before you implement the changes by:

- Freeing up expensive technical and business personnel from manual testing
- Automating and increasing the accuracy of testing and error detection rates
- Substantially reduced time of execution
- Having the freedom to run automated tests at will to protect against unexpected or unauthorized change

Testing Specialists

Our specialists work with you to understand your organisational strategy for changing your SAP system and business processes to devise a method of automating testing of new releases and changed systems to generate a return on investment for you.

Business Value

Our experienced practitioners will help you build a business case for using SAP Automation as an enabler for successful business outcomes to help you retain your competitive advantage.

Return on investment can typically be expected within an average of 5 cycles of regression tests.

Overview

T-SAP is a truly cost effective way of assuring your business-critical SAP environment by first validating, then automating your SAP business process regression tests



Scan here using your smart phone

Business Benefits

- **Validation that your critical business processes are identified and tested.**
 - **Holes or gaps in your regression tests are found and addressed**
 - **Automation reduces time and effort of future upgrades**
 - **Automated SAP testing helps protect your business processes from unexpected and erroneous change**
 - **T-SAP is an independent solution**
-

Focus on Business Critical Processes

As your business evolves, so do many of the critical business processes you will use. These typically extend beyond the boundaries of your SAP system – and may include interfaces to legacy systems. It is vital that these business critical processes are aligned with your SAP regression tests to help assure:

- Operational integrity
- Potential 'leakages' in processes, data or money
- Existing functionality remains unchanged
- Continued support for the business

Focus on Testing

SAP is upgraded frequently, and the test team at SAP will only issue a new release to you once they are satisfied that core functionality continue to work. However, every installation of SAP is different, and as such a unique solution for testing that flexes the processes that underpin your business is required to give you the certainty and confidence to implement new releases.

Focus on Automation

Test automation requires specialist tools in which to implement a repeatable framework for it use. TSG are tools agnostic – and therefore will either work with your chosen automation toolset – or work with you to select the one most appropriate to help:

- Validate your SAP upgrade before you implement it
- Reduce costs – by reducing time of execution and increasing error detection rates
- Reduces manpower requirements
- Helps assure that your business critical processes are functioning as required
- Offers early detection of failures
- Consistency, reliability and repeatability

The Benefits of T-SAP

T-SAP will help increase your ability to:

- Save time and money and increase efficiency
- Deliver SAP upgrades confident in they knowledge they continue to fulfil business need
- Increase business satisfaction and relationships
- Guard against and mitigate the risk of failure
- Gain a tangible and reusable return on your investment in around 5 different regression test cycles

“T-SAP is designed for ease and speed of testing your SAP systems – while ensuring the business critical process are fully supported”

TSG SAP Automation

How it Works

Rolling out an upgraded SAP system may be part of an evolving vision or something you need right now for a business critical change. To meet either need, we have a flexible approach whereby we work in close partnership with both your IT and business teams to lower costs and assure operational integrity.

Step 1 - Understand

We visit you to understand your challenges in testing your SAP system and what it is you want to achieve in terms of automation, cost savings and business efficiency.

Step 2 - Identify

We work with you and your IT and Business teams to identify the processes and scenarios that are business critical to develop priority and risk profiles.

Step 3 – Strategy & Plan

Aligned to the needs of your risk profiles, we work with you to define an automation strategy for SAP that sets a rigorous approach to regression testing, the acceptance criteria needed to demonstrate success and a plan for how it is to be achieved, aligned to your timelines and measures for success.

Step 5 – Build the Test & Result Baseline

We manually test the business critical processes to generate a stable baseline on which a predictable, repeatable and reusable set of automated business critical regression tests can be built.

Step 6 – Automate & Prove

We automate and test the manual baseline using externalised data to provide you with a reusable regression pack for the future that you can run as frequently as you wish to help determine if:

- The new release of SAP contains errors or has degraded functionality that your business relies on
- It Meets the needs of your business and can be implemented
- Unexpected changes have occurred in your production environment

Further information

T-SAP is an enablement service that helps you test business critical SAP upgrades on time and on budget to meet the needs of your organization.