

SAP QA Support G-Cloud 15





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1 Service Overview

The Nelson Hall Vendor Evaluation & Assessment Tool (NEAT) which analyses the performance of vendors offering next-generation software testing services, has positioned Sogeti, part of Capgemini Group, as a Leader in the 'Overall' market segment. Sogeti has delivered multiple SAP Testing engagements on premise or in the cloud, globally using Sogeti's strong SAP portfolio which is a SAP Pinnacle Award winner for the last ten years.

Although largely industrialised, our SAP Business Assurance solution can be tailored to individual client needs. Sogeti's Testing as a Service concept is the cornerstone of this solution with a comprehensive service menu that includes:

- SAP Testing assessment with our TPI® methodology
- SAP Test Strategy and Roadmap
- SAP End to End Test Management and Testing – including integrations with the complete application landscape.
- SAP Test Automation
- Specialist Testing Services – including CX, Mobile Testing, Interface Testing
- Performance and security testing
- SAP Test Environment and Test Data services – including Cloud-based test tool provisioning.

SAP Business Assurance for Enterprise Services caters all types of Test service delivery across the End-End project for any transformation journey (greenfield, brownfield, migration, AMS etc). Broadly it serves under the below categories:

- Strategy
- Strategy & Roadmap
- Strategy & Architecture
- Environment Optimisation
- SAP Agile

Test services are further managed under the following Pillars under SAP Business Assurance:

- **Domain based testing:** SAP Functional Testing (ECC and S/4 – SD, MM, FICO, SCM, EWM, SCP etc.)
- **Technology based testing:** SAP Non-Functional Testing (Performance test, Mobile test, DRT etc.)
- **Managed services:** Test Tools Platform as a Service for SAP, SAP Test Environment & Data Management, SAP Test Analytics etc.

2 Business Need

Sogeti's SAP specific offering can help to minimise business risk and disruption, in providing independent Quality Assurance for SAP projects. Our SAP Test services are specialised for implementations, releases, upgrades and migrations of SAP ERP Core modules, SAP HANA, SAP S/4Hana and SAP Fiori.

The service can help the Buyer with their End to End Quality Assurance and Testing using our assets which include SAP Module Workbenches, Catalogues/Test Cube, Methodologies and Tools.

2.1 Benefits

Sogeti's Quality Engineering and Testing (QET) practice, in partnership with Tricentis, created an SAP Business Assurance solution, which helps in following ways:

- Accelerates release cycles with up to 10x faster testing. Turbocharges SAP innovation with a test automation platform that helps in making weekly (even daily) releases a reality



- Improves software quality with 90 percent risk reduction. Protects business processes with AI-powered risk analysis that enables zero-defect releases and eliminates the need for hyper care
- Reduces testing costs with automation, with up to 50 percent lower costs. Use the platform that is AI-driven and codeless, shrinking testing costs through reduced test volume and automation of manual tasks
- Accelerates testing ROI with up to 15X higher testing ROI
- Sogeti continually aligns with SAP upgrades and can undertake regression suite maintenance using test automation. This can reduce cost and improve productivity by 20-30%.

3 Our Approach

Our approach to testing is grounded through Sogeti's delivery methods which include our unique assets and frameworks, that are defined and tailored for brownfield implementation.

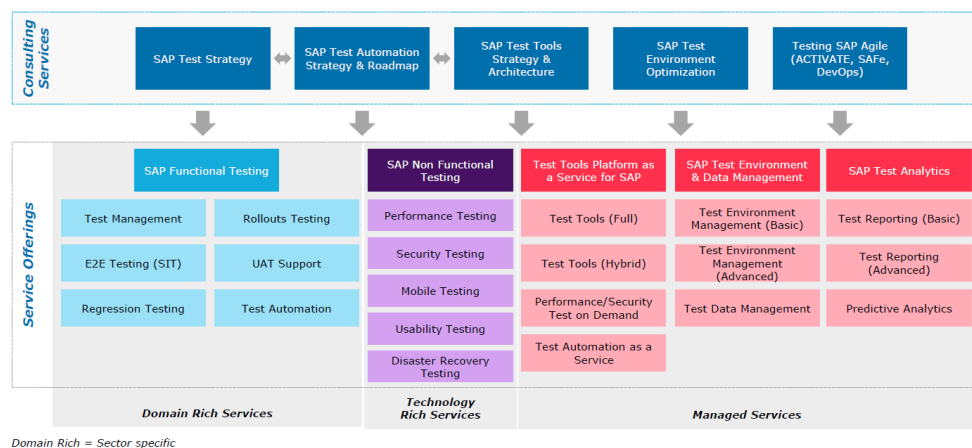
We use these delivery methods as well as our deep SAP experience to provide testing and validation services for multiple global life sciences clients, in their migration journey to SAP S/4HANA. We can bring these assets to all clients as well as the key solution tenets listed below to provide a successful SAP S/4HANA transformation:

- Quality Management Office (QMO) will verify that the team has the right set of skills, turn all our stated solution levers in the right direction and deliver the engagement on-time and with the highest possible quality.
- Shift Left Testing Approach, which is an established approach recommended for this program. Integrating testing functions early in the project lifecycle to create more comprehensive requirements, test development and configuration objects to identify functional and integration issues early in the build/migration phase.
- Involvement of end-users in testing as soon as possible to seek early feedback and alignment in a Sandbox environment.
- Pre-Configured and Pre-Built accelerators for pre-configuration check and data mining, test automation, test processes and templates, clearly defined Entry and Exit criteria, SAP Test case library and risk based test optimiser, which improves upstream quality, brings rigour to the testing processes, and optimises overall cost of quality.
- Generative AI Tooling to accelerate custom configuration validation and boost productivity
- Testing resources that act as "advisors for quality" to the business to reduce the time commitment of business resources.
- Dedicated testing and validation professionals who bring relevant experience, transformation mindset, with the courage to innovate; all of this supported by a robust Academy for ongoing people development and skill uplift.
- Tool driven service virtualisation approach to simulate the 3rd party Interfaces to support and execute Integration testing.
- Tool driven risk-based approach to computer systems validations and audits preparation / readiness
- Early adoption of Test automation will not only reduce the test cycle execution up to 10% of efforts but will also ensure Quality assurance.

Key focus Quality Assurance Considerations during transformation



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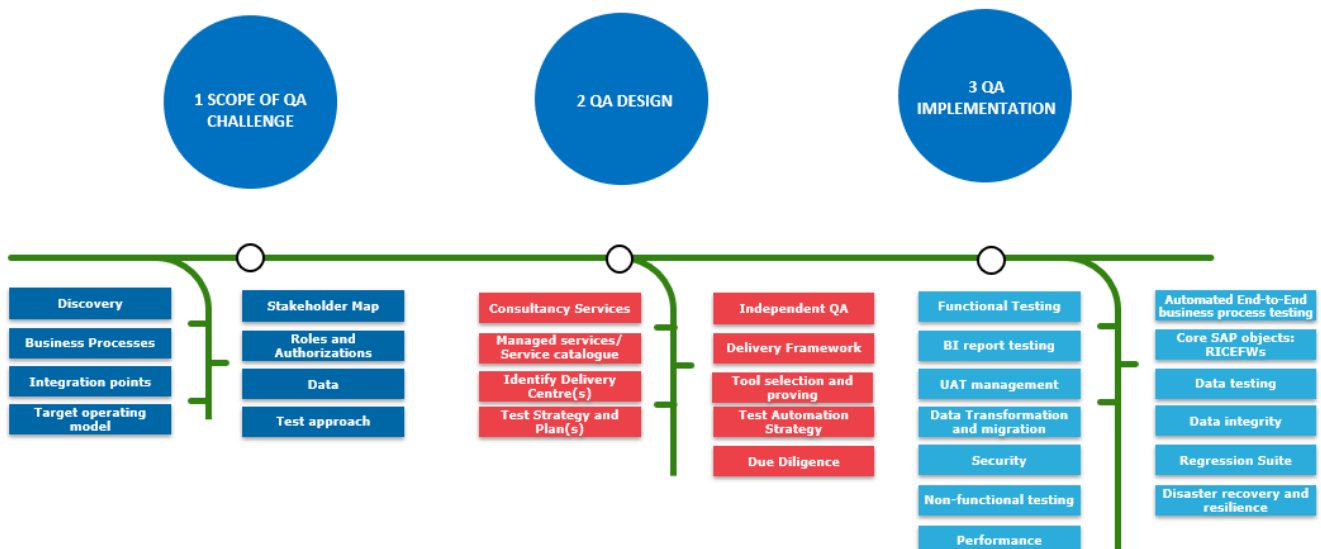


Domain Rich = Sector specific

Sogeti has a broad spectrum of QA and Test Services around SAP

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Sogeti can provide the Buyer with the right experience, the right tooling frameworks, and a proven methodology for delivering at enterprise scale using the 3-phase methodology applicable to multiple SAP transformation path including new implementation, a system conversion, a landscape migration, or just keeping up to date with regular releases.



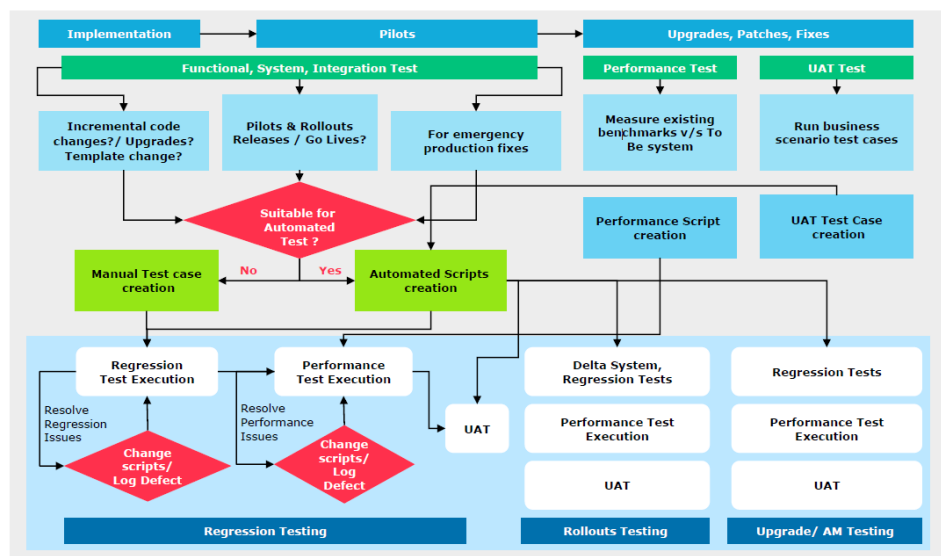
Sogeti 3-Phase Methodology

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3.1 Automation of SAP Test Cases

Sogeti can help to automate Buyer's release regression testing with the aid of the "best in class" Tricentis Tosca tool. Tricentis in conjunction with TransitUS has developed a SAP ECC Test Accelerator package wherein as many as 700+ common transaction codes are completely automated which can be leveraged across several industry verticals.

With Sogeti's Alliance with Tricentis, Sogeti can leverage these re-usable T-Codes. With this accelerator package, Sogeti can jumpstart Buyer's test automation efforts and remove entrance barriers that have prevented Buyers from using extensive test automation.

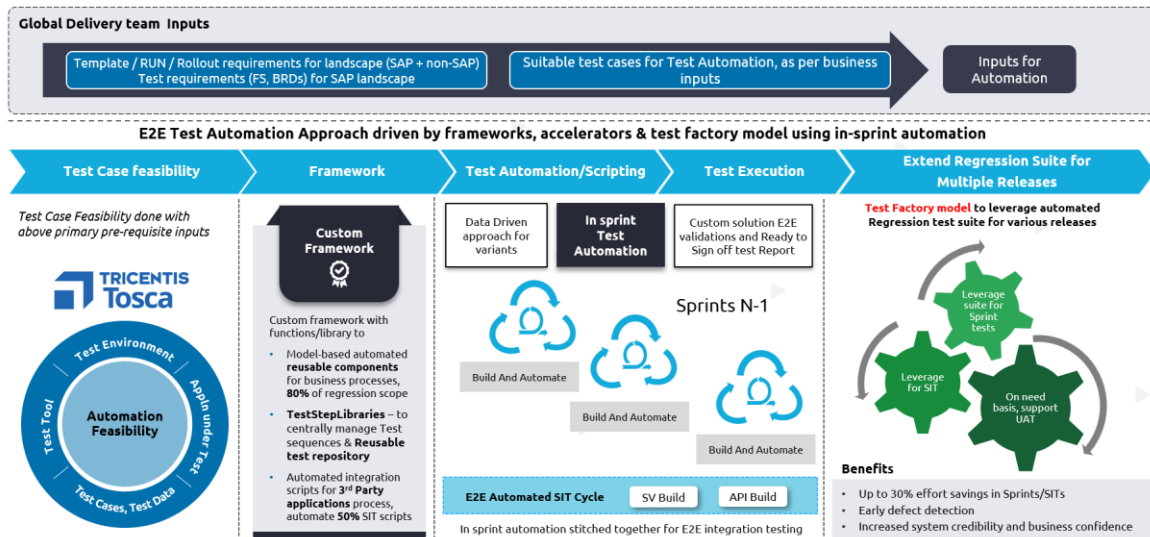


Automation approach throughout the SAP Lifecycle

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Our Industrialised test automation framework

We target to leverage automation through a time-tested approach that yields benefits quickly

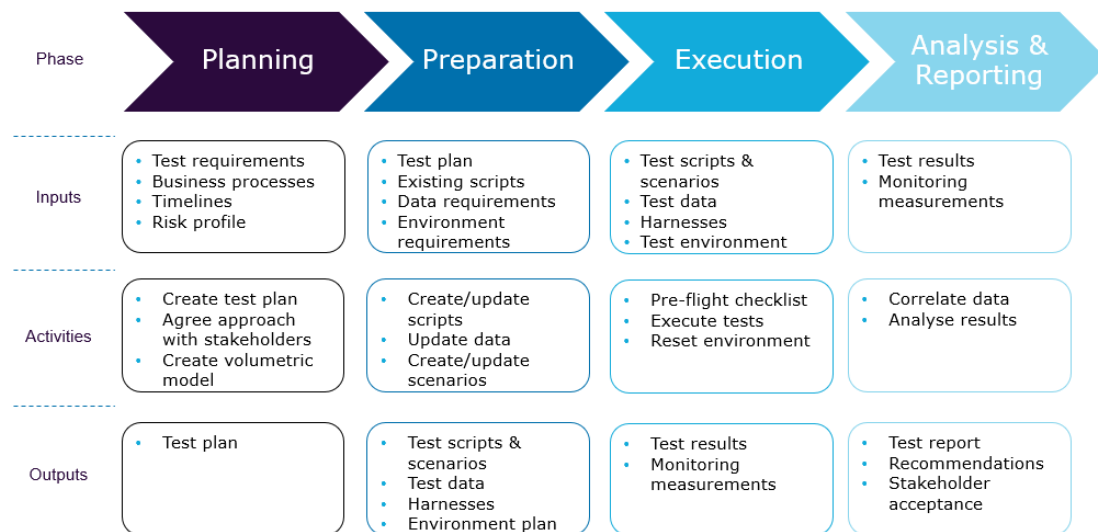


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3.2 Performance Testing

One of the fundamental issues on SAP – particularly with the front-end portals, is the performance. It has historically been a cause for concern, specifically with larger implementations with many users accessing the system for varying tasks, possibly at the same time.

Buyer wants to be sure that its front-end will give the users the best experience – after all, it is the only interaction with the system that many of them will have.



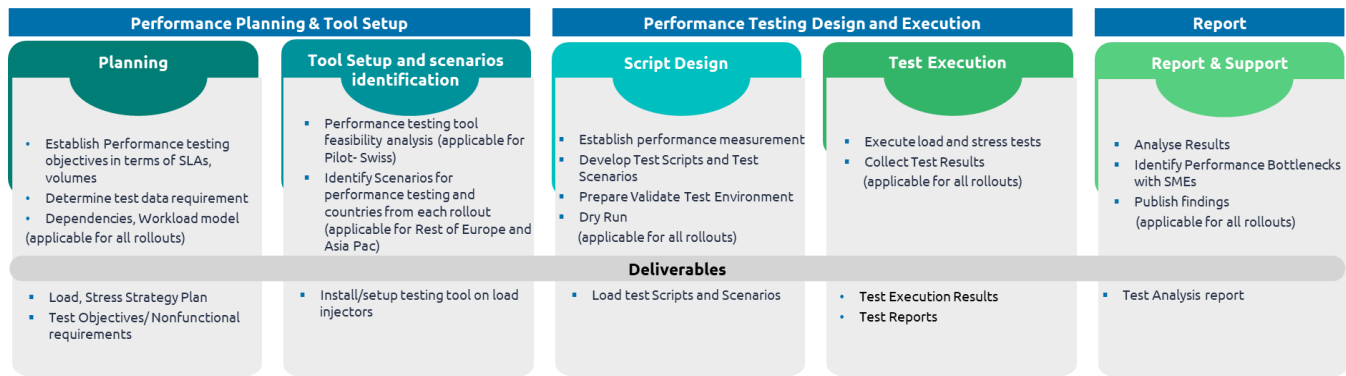
Performance Testing Approach

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Performance testing is executed to evaluate the systems for the ability to perform at the expected speed and handle the expected loads of business traffic.

Load testing will be executed to verify the system can perform as expected given a set level of users and/or transactions. Stress testing is used to evaluate the point at which software and/or hardware will fail and if the failures are executed gracefully.

Below is Sogeti's Performance Testing approach and these activities will be performed during the **Testing phases of the program**.



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3.3 Sogeti's Accelerators

3.3.1 Generative AI

Sogeti's Generative AI accelerator – Amplifier, augments product owners, architects, and quality engineers from the inception of requirements and infrastructure design to software testing, by forging a streamlined journey to execution.

Amplifier allows us to;

- Build a platform that covers all the use cases of Quality Engineering & testing from test case design to test reporting ensuring entire Software Testing Lifecycle is covered.
- Improves productivity for test case design and automation development.
- Point zero testing approach resulting in significant cost savings for testing.
- Eliminates person dependency making it more process driven.

Key Benefits include:

- Streamline Team Collaboration:** Connect requirement engineers, product owners, and quality engineers with Sogeti's Amplifier ecosystem integrations such as JIRA, ensuring all disciplines stay in lockstep from requirements to release.
- Accelerate Product development flow:** Facilitate rapid design validations for architects by translating discussion into Sogeti's Amplifier diagrams and data models, reducing time from whiteboard to development.
- Optimise QE Processes:** Enhance test case creation for quality engineers with Sogeti's Amplifier TMAP – informed prompts, yielding thorough test scenarios that mirror real-world use without the need for deep manual effort.

3.3.2 End to End Quality Engineering Accelerators

Our accelerators for end-to-end Quality Engineering enable various areas of the end to end quality lifecycle

- Requirement Mapper** accelerates the manual test design process by using the Model Based Test design technique.
- The **Automation Feasibility** analyser provides an upfront view on automation feasibility of manual test cases. This provides you with clear insight on what the benefit and ROI of automation will be.
- The **Test Script Generator** generates test scripts in an automated fashion by combining tags established in the Requirement Mapper



- The **Quality Engineering Maturity Modeler** is designed to help assess the current level of Maturity of the organization in their DevOps transformation journey, Performance Engineering Assessment, Test Data Management (TDM) and Test Environment (TEM) assessments.
- The **Automation Framework Chassis** provides ready to use CI/CD pipeline setup at the start of new projects.
- **Unified dashboard** generates near real time reports and actionable insights to enable rapid decision making.

4 Buyer Responsibilities

Please refer to the Supplier Terms listed with this service on the Platform. These may contain additional Buyer obligations/costs the Buyer is subject to that are not identified anywhere else in the Supplier's Application or on the Platform.

5 Service Management

Customer-focused approach to delivering information technology. It focuses on providing value to the customer and, also on the customer relationship.

If you've migrated to cloud but need a capability to control of your newly modernised applications, things can get very complicated rapidly. Sogeti's managed Service Solutions are designed to enable overcome that challenge with support of AWS, GCP and Microsoft Azure technologies

Sogeti is only one of 16 partners worldwide to be accredited as a Microsoft Azure Managed Services Provider (MSP). Sogeti's services help streamline operations with use of industrialised tools for effective Service Management and Service Delivery.

6 Protection of Data

This service is based on a security classification of 'Official', however should you have a requirement for a different security classification that you would like us to consider, please contact us to discuss.

7 On-boarding and Off-boarding

Sogeti shall undertake on-boarding and off-boarding activities agreed within the Order Form (including as a minimum an exit plan in line with the Call-Off Contract terms) which will be charged for in accordance with the Pricing section for this service.

8 Skills and Knowledge Transfer

Sogeti recognises that skills and knowledge transfer is a critical element in the provision of G-Cloud services to public sector clients. Where possible and applicable, this forms part of the delivery plan for the service agreed at the start of the engagement. Our consultants and engineers are experienced in providing skills and knowledge transfer for major private and public sector clients.

Where appropriate, we may use a standard approach, tailored to topic, skills-gap and individual, to ensure consistency and effectiveness. The approach, Sogeti's Assess-Plan-Implement framework, has been used repeatedly by our teams to structure the work involved in transferring skills and creating new teams capable of driving and sustaining change long after the end of the formal programme. The framework can be applied throughout a project to understand knowledge transfer objectives, plan training delivery methods and materials, and deliver and evaluate success.



9 Vendor Accreditations/Awards

Sogeti – the part of the Capgemini Group, is an award-winning company both globally and nationally. The below list presents companies' names that Sogeti has won series of awards with over the years:



2025 winners of Best Advancing Software Testing Practice, awarded to the team or initiative that has made a positive contribution to the software testing profession. This is in recognition of those that go above and beyond to make the testing industry or practice better. It means breaking down barriers, thinking beyond our employers or clients, and using our skills and knowledge for the betterment of the profession.

Microsoft, IBM, Intel areas of Testing, HPE, Oracle, Digital, High Tech related awards, ESRI S-GROUP, Delivery, awards related to technologies and solutions.



For the 13th year in a row, Capgemini has been recognized as one of the World's Most Ethical Companies® by the Ethisphere® Institute. This is an acknowledgment of our ethical culture that makes us an employer of choice and responsible player in the eyes of our clients, shareholders, and the wider community.

10 Sub-contractors

Capgemini UK may use the following subcontractors to deliver this service:

- Capgemini Technology Services India Limited.

11 Business Continuity and Disaster Recovery

No disaster recovery plan is provided as part of these Services.

12 Pricing

This service is priced in accordance with the SFIA Rate Card attached. Sogeti can also provide offshore resources at reduced rates where appropriate. Projects can be priced either on a Time & Materials or Fixed Price basis.

13 Ordering and Invoicing

Please refer to the Supplier Terms for this service.

Sogeti would be pleased to arrange a call or meeting to discuss your requirements of our service in more detail.

14 Termination Terms

Please refer to the Supplier Terms for this service.



15 Further Information

For more information about this or any of our G-Cloud services, please contact our Public Sector Team.

Phone: 0370 904 4858

Email: publicsector.opps.uk@capgemini.com including the following information:

1. The name of this service.
2. The name of your organisation.
3. Your name and contact details.
4. A brief description of your business situation.
5. Your preferred timescales for starting the work.

About Capgemini

Capgemini is a global business and technology transformation partner, helping organizations to accelerate their dual transition to a digital and sustainable world, while creating tangible impact for enterprises and society. It is a responsible and diverse group of 340,000 team members in more than 50 countries. With its strong over 55-year heritage, Capgemini is trusted by its clients to unlock the value of technology to address the entire breadth of their business needs. It delivers end-to-end services and solutions leveraging strengths from strategy and design to engineering, all fueled by its market leading capabilities in AI, generative AI, cloud and data, combined with its deep industry expertise and partner ecosystem. The Group reported 2024 global revenues of €22.1 billion.

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