

Test and Process Automation Support G-Cloud 15





Table of Contents

1	Service Overview	3
1.1	Maximising the potential of test automation	3
2	Business Need	3
2.1	Intelligent Automation.....	3
3	Our Approach.....	4
3.1	Top Features	4
3.2	Sogeti's Accelerators	5
3.2.1	Generative AI.....	5
3.2.2	End to End Quality Engineering Accelerators.....	6
4	Buyer Responsibilities	6
5	Service Management	6
6	Protection of Data	7
7	On-boarding and Off-boarding	7
8	Skills and Knowledge Transfer	7
9	Vendor Accreditations/Awards	7
10	Sub-contractors	7
11	Business Continuity and Disaster Recovery	8
12	Pricing	8
13	Ordering and Invoicing	8
14	Termination Terms	8
15	Further Information	8



1 Service Overview

1.1 Maximising the potential of test automation

Using Agile, DevOps and Continuous Integration (CI) can make the delivery faster. As release cycles become shorter, and changes happen more frequently, the effective use of Test Automation is key.

Sogeti (part of Capgemini Group) can accelerate automation by using its Next Generation Automation approach, treating automation beyond 'testing' alone. Implementing accelerators such as Sogeti's Digital Intelligent Automation (DIA) and embedding open source and proprietary frameworks into Buyer's delivery methodology, can enable the agile enterprise to deliver value faster.

Working with both traditional sequential delivery and modern Behavioural Driven Development (BDD) or Test-Driven Development (TDD) practices, Sogeti can help deliver an Agile or DevOps culture, embedding CI and Test Automation at its core. Sogeti can also make effective use of existing assets such as manual scripts, to deliver real, measurable value. This service can be provided on premise, via secure cloud services or remotely 'behind the firewall' solution.

2 Business Need

Test and process automation have emerged as indispensable tools for businesses seeking to streamline their workflows, enhance productivity, and deliver high-quality outcomes consistently. By automating repetitive tasks, such as testing software applications or managing routine processes, businesses can achieve greater efficiency, reduce errors, and adapt more swiftly to changing market dynamics.

2.1 Intelligent Automation

Intelligent Automation can enable the successful use of Automation throughout the delivery pipeline. It allows Sogeti to deliver automation solutions that can meet the business needs of Sogeti's customers through the following phases:

Advise: Consulting services – Assessment & Roadmap Definition.

This phase delivers consulting services that can carry out a technical assessment and can define a roadmap for delivering the automation services:

- Strategy and roadmap creation.
- Feasibility assessment and business case creation.
- Develop target operational model.
- Project planning and prioritisation.

Deliver: Implementation of services – Business operations transformation.

This phase can deliver the implementation of services which can transform the Buyer's business operations:

- Solution design and architecture definition.
- Solution development.
- Deployment.
- Standardisation and reuse.



Operate: Run Services – Operate and Maintain.

This phase can allow the Buyer to operate, maintain and improve the implemented services:

- Monitoring and support.
- Maintenance and enhancement.
- Change management.
- Continuous service improvements.

Supported Services: Innovative new automation solutions for:

- Functional test automation.
- Model /BDD driven scripting.
- CI (Continuous Integration)/CD (Continuous Development) pipeline.
- Manual process reduction through Robotic Process Automation (RPA).
- Test data management.
- Environment provisioning.
- Performance.
- Load and API (Application Programming Interface) testing.

3 Our Approach

Test Automation can increase the effectiveness, efficiency, and coverage of the Buyer's software testing. It is especially necessary and valuable when there is continued effort involved in running the same tests repeatedly.

Accelerated automated testing can be used in support of test phases used in Agile, Waterfall and Iterative Waterfall development methodologies, such as development, system, integration, end-to-end, user acceptance and regression test phases.

Model-based testing is a methodology and IT toolset designed to accelerate the creation of test scripts. Using traditional methods, test professionals must manually create each test script and use case. This task requires both testing skills and domain expertise. By using model-based testing tools, the Buyer can automatically generate test cases from models to describe the application, object, or system under test. A single model can generate multiple test cases in far less time than it would take to write the same number of cases manually. Models can also be re-used to test other applications with similar functionality.

As well as the cost savings which can be gained with automation compared to running tests manually, it can also enable testers to be focused on testing new functionality whilst ensuring scope coverage is not compromised. Delivery can become quicker with reduced defect leakage into live.

3.1 Top Features

Sogeti's Test Automation services can help achieve the following goals:

- Reduced testing costs and faster time to deliver.
- Automation strategies compliment Agile and DevOps methodologies.
- Through cloud accelerators, license models that compliment budget lines.
- Commitment to enhancement, keeping pace with market and technology movements.
- Testing more frequently (following every code commit) and more consistently.
- Testing earlier, on multiple occasions, environments, and devices, and more efficiently, by focusing on what has changed.



- Regression test cases can be run overnight to check the stability of the system for the next days' use.

There are also many Gen-AI (Artificial Intelligence) benefits to be considered:

- Time to deliver ROI on automation services can be reduced by aligning service to the Buyer's strategic roadmap (payback can start within 4-6 months).
- Quality can be increased through using standard business metrics to measure and manage automation service value.
- Information quality can be increased by reducing manual data input/rekeying errors.
- Risk can be reduced by the correctness of test technologies.
- Risk can be reduced by using market leading technology to support the delivery and maintenance of automation services.

Sogeti's consulting services can:

- Support multi-channel digital automation frameworks.
- Integrate with a Continuous Integration pipeline and support Continuous Development and Continuous Testing (CI/CD).
- Embed a CI framework working with tools such as Microsoft Azure Pipelines/AWS CodePipeline/Jenkins etc.
- Select, implement, and support test automation tooling with support for various types of tools such as:
 - Open-source tools: Selenium (across various languages built around Page Object Modelling), BDD (Cucumber, Specflow), as well as other bespoke packages can be created for specific services, SoapUI, Postman.
 - Proprietary tools: Tricentis Tosca, Eggplant – TestPlant, Ready API – SmartBear, HPE – QTP/UFT, and many others.
- Host tools and frameworks on cloud via OneShare – the Capgemini/Sogeti proprietary solution.
- Offer partnership skills, and advice on tools, procurement, installation and configuration.
- Accelerate and optimise test automation with Sogeti's frameworks.
- Create a return on investment (ROI) model.
- Deliver existing expertise from Sogeti's global organisation.
- Give the Buyer the ability to check delivered functionality aligns with minimum system requirements across a range of regularly refreshed mobile devices, browsers, and application configurations, without having to invest heavily in its own software, or devices.

3.2 Sogeti's Accelerators

3.2.1 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.

3.2.2 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 very fast. Sogeti managed Service Solutions are designed to solve that challenge.



Sogeti is only one of 16 partners worldwide to be accredited as a Microsoft Azure Managed Services Provider (MSP) and Sogeti 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

Capgemini 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

Capgemini 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, Capgemini'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. Capgemini 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.

We 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.

Make it real. | www.capgemini.com



This presentation contains information that may be privileged or confidential and is the property of the Capgemini Group.

Copyright © 2026 Capgemini. All rights reserved.