

QA Analytics and AI Support G-Cloud 15





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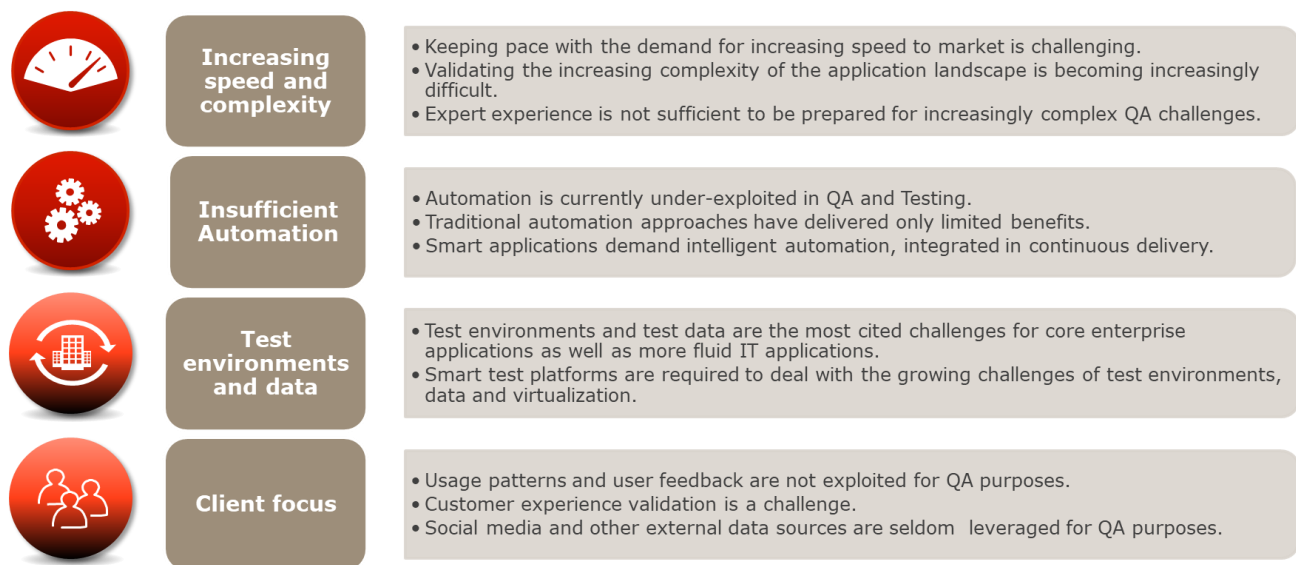


1 Service Overview

Sogeti's (part of Capgemini Group) QA Analytics and AI approach enables the delivery of quality with speed in a connected complex world. The approach to QA insights uses cloud based intelligent test automation and AI driven smart analytics to deliver informed decision making, fast validation and automatic adaptation of test suites at an optimized cost.

2 Business Need

2.1 Key QA Challenges Today



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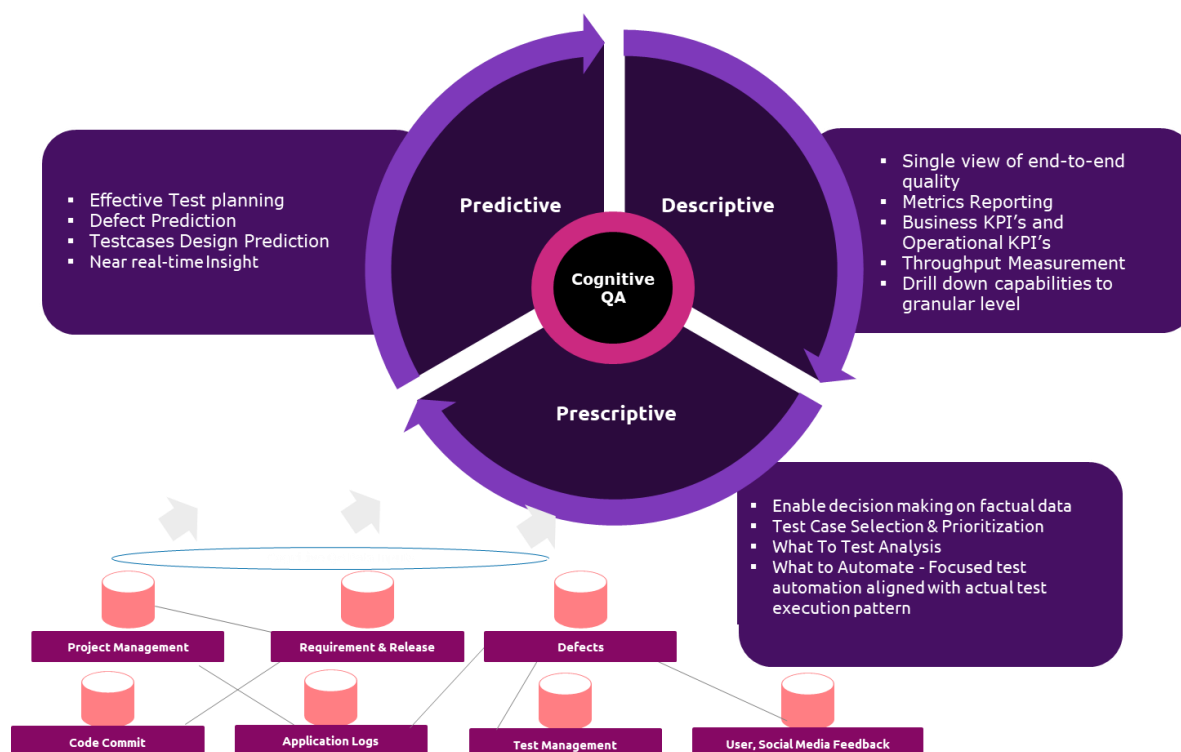
3 Our Approach

3.1 Cognitive QA Value Proposition

With the QA Analytics and AI solution of Cognitive QA , Sogeti can enable the Buyer to achieve an accelerated and optimised quality solution by using an intelligent approach to QA. Sogeti can leverage self-learning and analytical technologies for:

- Predictive QA Dashboards
- Smart Analytics for QA
- Intelligent QA Automation
- Cognitive QA Platforms
- Enabling smart quality decision making on factual project data, actual usage patterns and user feedback
- Delivering quality with speed in a complex connected world at optimised cost.

What can we do with data?

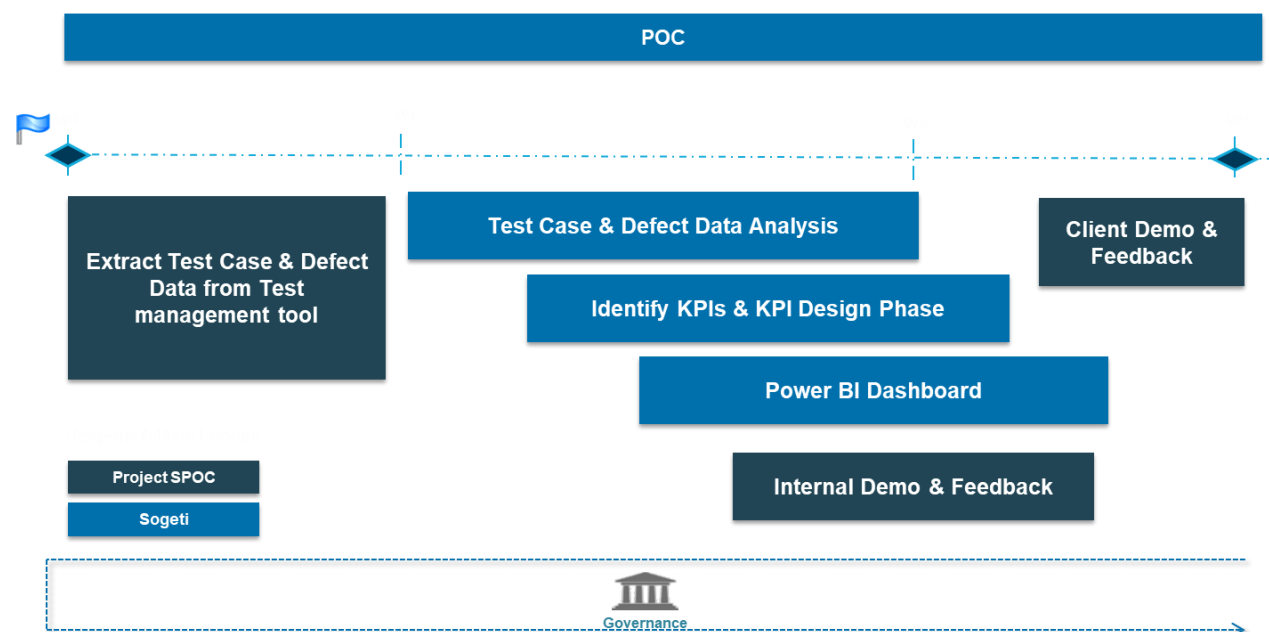


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3.2 Implement Future Proof QA!

We can guide on the journey towards **quality @ speed**.

The first step, a POC, into an accelerated, intelligent QA leveraging AI and Analytics Modular / Innovative / Business oriented can be achieved in a short period:



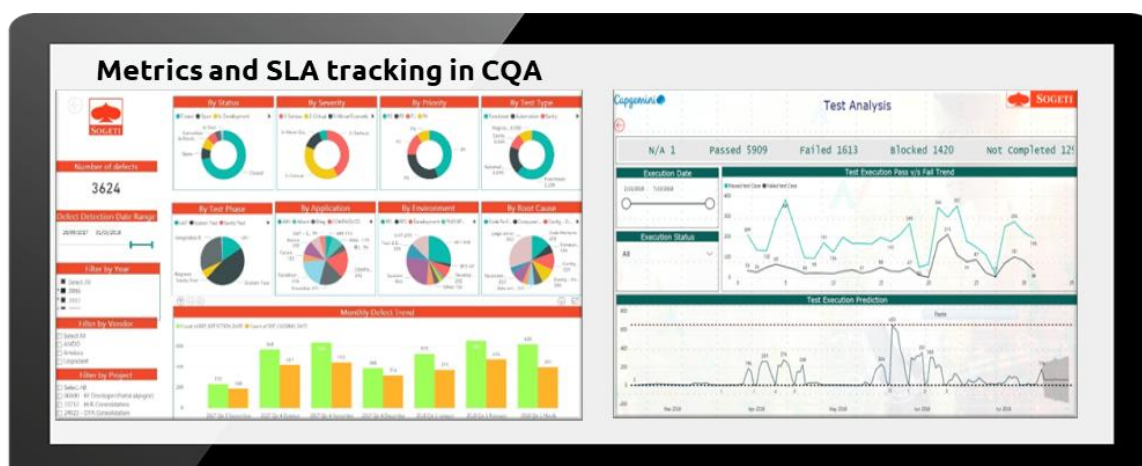
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QA Dashboards

Sogeti can leverage all relevant data from Dev / Test / Ops repositories for:

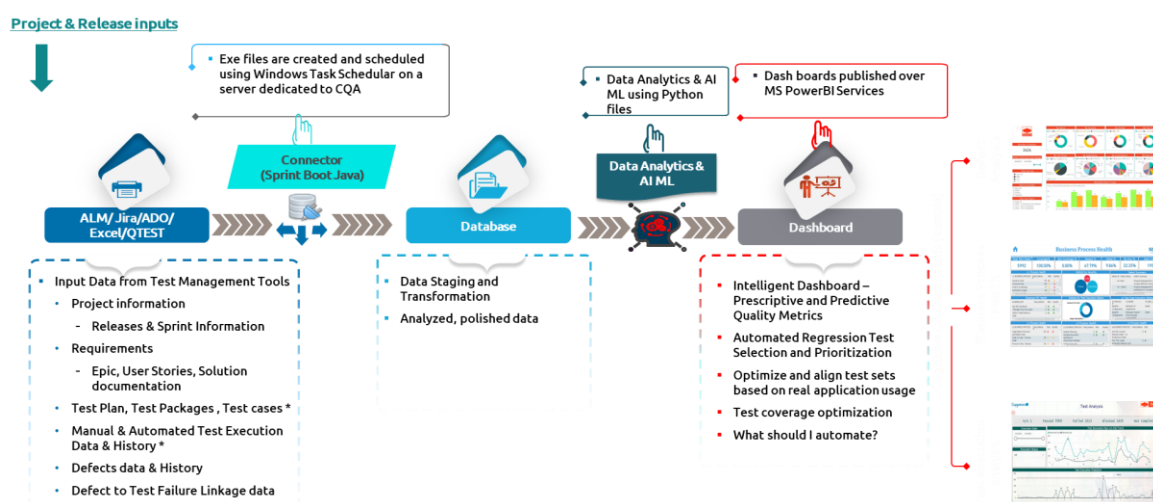


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Logical setup



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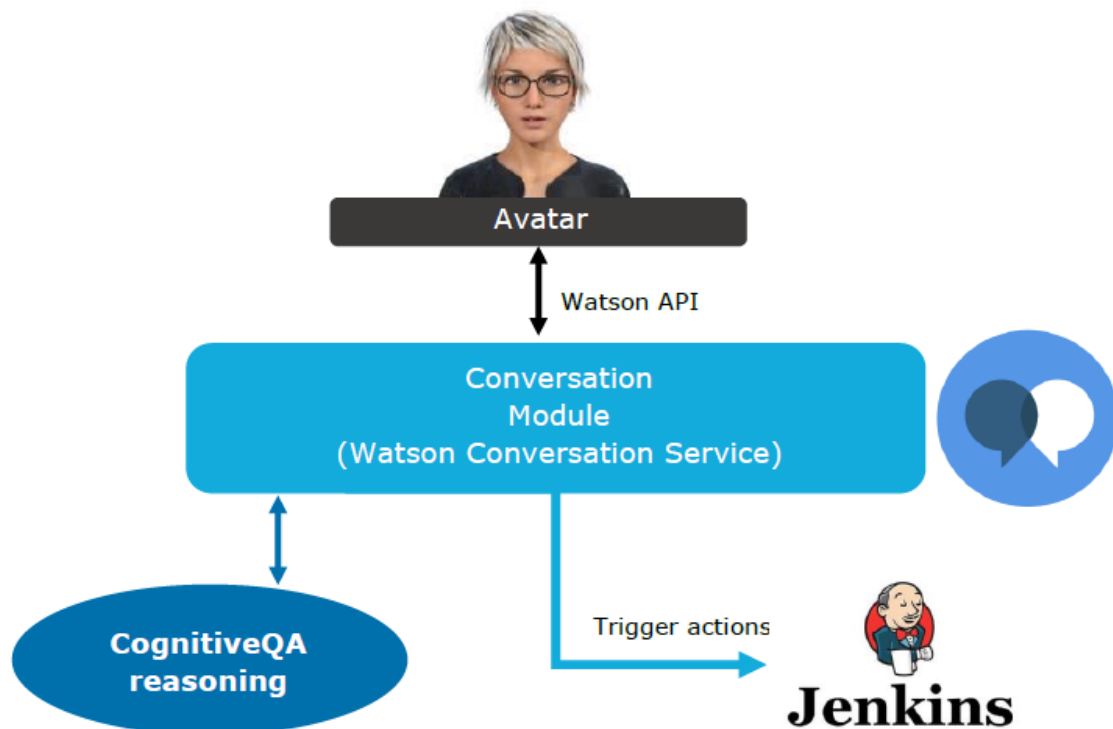
What to implement

POC	Lite	Basic	Full Blown
Scope - Data Analysis and Gap Identification 10-12 Descriptive KPI based on Data provided. - PowerBI Dashboards to represent these KPIs Duration - 2 weeks Pre-requisites - Defects and Test Cases Data dump for minimum 2 months or 2 releases provided in an Excel sheet Assumptions - POC will be done on Static Data provided in Excel in Capgemini Landscape.	Scope - Power BI Dashboards to represent approved and signed-off KPIs 4 Descriptive and 2 Prescriptive KPIs based on Data provided Duration - 3 weeks Pre-requisites - All the System requirements and pre-requisites are fulfilled Assumptions - Any additional KPI/integration requirement is out of scope and would require separate analysis and estimation - KPIs will be implemented using only standard fields from Test Management tool.	Scope - Data Analysis and Gaps Identification for 1 Test management tool 20-23 Descriptive and 2 Prescriptive KPIs based on Data provided. - Create CQA User Manual, along with KPI List, Measures, DB Script, Maintenance document, API to Database Mapping document Duration - 6 weeks Pre-requisites - All the System requirements and pre-requisites are fulfilled Assumptions - Any additional KPI/integration requirement is out of scope and would require separate analysis and estimation	Scope - Data Analysis and Gaps Identification for 1 Test management tool 30-40 Descriptive, 2 Prescriptive and 1 Predictive KPIs based on Data provided. - Create CQA User Manual, along with KPI List, Measures, DB Script, Maintenance document, API to Database Mapping document Duration - 12 weeks Pre-requisites - All the System requirements and pre-requisites are fulfilled Assumptions - Any additional KPI/integration requirement is out of scope and would require separate analysis and estimation

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3.3 Offering an AI Interface BOT

The bot is an AI interface that consists of an Avatar (with Text-to-Speech and Speech-to-Text facilities) that can follow a conversation, compute information from the Cognitive QA platform and trigger actions.



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Conversation Example



alberttort 20:13:54
how are you?

Mary Academy 20:13:54
I am fine, how are you?

alberttort 20:14:00
fine, thanks

Mary Academy 20:14:01
I am pleased to hear that.

alberttort 20:14:13
Could you present yourself to the audience?

Mary Academy 20:14:13
Yes, sure. I'm Mary and I'm helping Albert as a senior tester.

alberttort 20:14:25
Could you prepare the test cases for tonight?

Mary Academy 20:14:25
Yes, sure! How long is the window execution time tonight?

alberttort 20:14:29
We have 8 hours

Mary Academy 20:14:30
Ok... Great! The total estimated time to execute the complete regression set of test cases, and the new ones is 14 hours. However, I can suggest you an optimal subset of test cases. Do you want to know it?

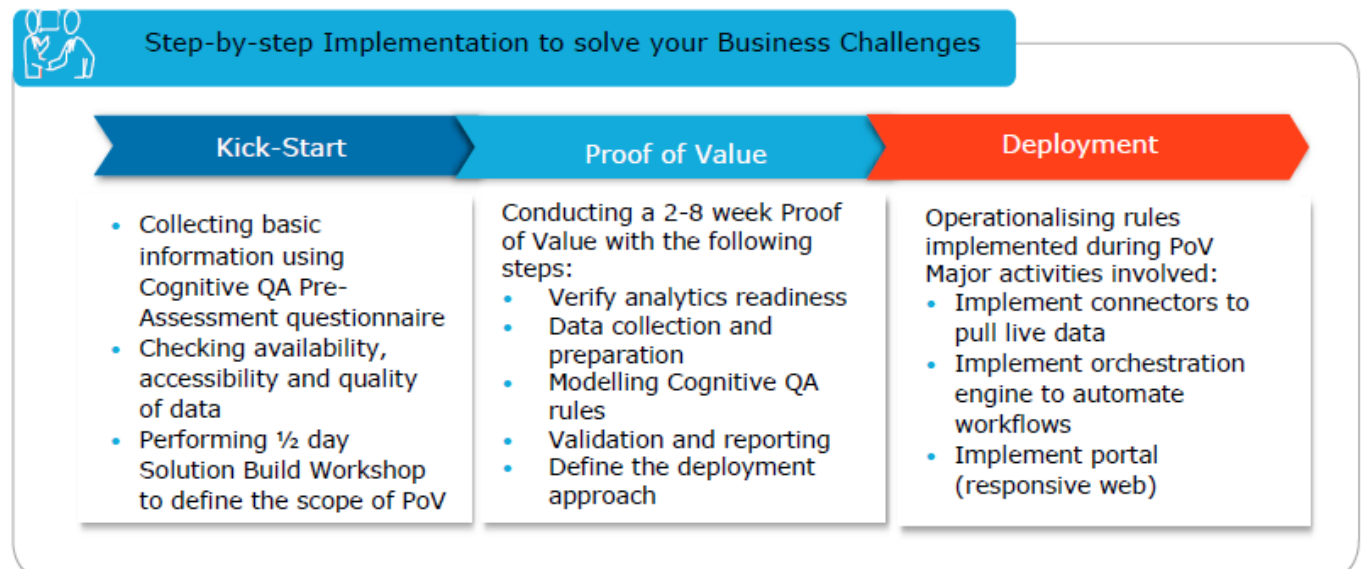
alberttort 20:14:40
Yes, please.

Mary Academy 20:14:41
Ok... mmmmm... I've selected 113 automated test cases which may be executed in 7 hours 56 minutes. I've taken into account that areas like Login, Pay by Card and Modification of quantities may be of higher risk. Do you accept the execution?

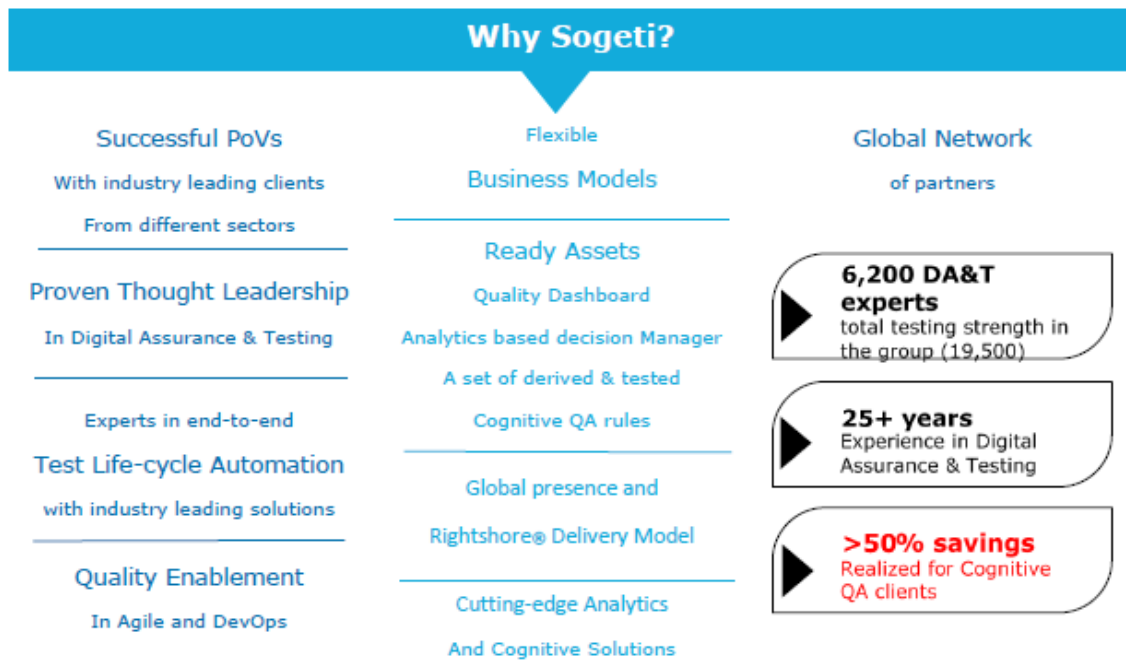
alberttort 20:14:45
Accepted!

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How we can support you



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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 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.

6 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.

7 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.

8 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.

9 Sub-contractors

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

- Capgemini Technology Services India Limited.

10 Business Continuity and Disaster Recovery

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

11 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.

12 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.

13 Termination Terms

Please refer to the Supplier Terms for this service.



14 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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