

Test Factory

Transforming your delivery outcomes with testing excellence



Testing assurance should be an essential protection

In a fast-moving environment driven by agile development and cloud automation, organisations are under pressure to respond rapidly to customer needs as soon as they emerge. This brings a risk that testing assurance is rushed or 'light touch' to speed up the development process.

However, releasing products and services that are glitchy, have bugs in them or don't meet required standards can have significant consequences in terms of brand reputation, compliance fines and remediation time.

Why isn't high quality testing valued more?

Despite its importance, testing assurance is often seen as a complex, expensive, ineffectual process that stops projects delivering on time. Organisations that have had bad experiences of poor quality testing can feel that testing outcomes are unpredictable and unhelpful.

Many teams treat testing as a bolt-on so, when it brings defects and bugs to light just before launch, it's seen as a brake on development, often inconveniently surfacing wider issues that require extra time or budget. Plus, when organisations have limited in-house testing resources and expertise, there can be confusion over exactly what needs to be tested within a regulated market, reducing testing effectiveness.

Test Factory delivers effective products and services

Test Factory addresses all these issues, providing easy access to end-to-end testing that supports the delivery of quality products and services that work - on time, and on budget. It brings together the expertise of a niche testing specialist provider with all the benefits of our sector specific experience and our global business.

Test Factory provides vital support in three key areas:

1. Test automation

We optimise your testing process to incorporate proven test approaches that use automation first, and manual methods only where required. This involves an in-depth assessment of the test lifecycle, in the context of environmental and test data requirements. The resulting approach includes automated tools, test phases and a framework, plus a Proof of Concept and a documented governance and strategy for testing that's agreed with stakeholders.



Key Benefits

- Instant access to deep domain expertise and experience of testing in multi-vendor environments.
- A rapid method of adding niche testing expertise, at the right time and stage.
- Consistent delivery of high quality, reliable detection, triage and resolution of defects before launch.
- Freedom to set the pace, with flexible pricing and operating models for easy team and solution scaling.
- Confidence that testing structures are optimised, robust and guided by TMMi 5.
- Enhanced understanding of risk impacts.
- Opportunities to upskill current teams.
- Cost per test reduction

2. Testing as a service

This is designed for teams that simply don't have the time or resources to incorporate adequate software testing. Our flexible approach allows you to ramp up testing when needed and to ramp back down after a project has met its milestones. A range of mature testing models and services match tools, technology and approach to your business objectives.

3. Continuous improvement

This service supports DevOps and agile software development teams to establish continuous testing at the heart of their process flow. Our experts work with you to establish robust, flexible testing models and environments. The service provides access to experienced, certified software testers in a supportive one team approach, transfers in-depth skills and knowledge of automation frameworks, and shares mentoring and best practice advice.

Why CGI?

The highest level of accreditation

Test Factory draws on our status as 1 of only 4 TMMi Level 5 accredited organisations in the UK.

TMMi is widely accepted as the *de facto* standard for test improvement and assessment across all industries, and Level 5 'optimisation' accreditation is the highest ranking available. It confirms our expertise in delivering complex test integrations at industrial scale.

Driving down cost per test

CGI's Test Factory team in the UK currently runs 200,000+ tests per year focusing heavily on test automation and on driving down the cost per test.

Why CGI?

Our philosophy of partnership and quality drives us to seek out a deep understanding of every client's business. Only then we draw on our end-to-end portfolio of capabilities and the best management practices to create a tailored, high quality solution to meet defined requirements.

Our commitment to continual innovation ensures our portfolio and practices give you a competitive edge – with the peace of mind that we will bring you emerging technologies as soon as they are viable.

Test Factory is one of these high quality innovations. It uses our TMMi top certification level to deliver best-in-class complex regulated test integrations to assure bug free business critical systems. We pair this with all the specialist expertise you need to increase your testing maturity.

About CGI

Founded in 1976, CGI is among the largest IT and business consulting services firms in the world.

We are insights-driven and outcomes-based to help accelerate returns on your investments.

Across 21 industry sectors in 400 locations worldwide, our 90,000+ professionals provide comprehensive, scalable and sustainable IT and business consulting services that are informed globally and delivered locally.

For more information

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