

Automated Testing

Automated testing can deliver significant business advantages when properly designed and applied. It presents a cost effective way to improve the quality of your applications by effectively enabling more tests to be run with greater accuracy in less time and with fewer resources.

However, when test automation efforts fail the impact on the business can be far reaching. The wasted time and productivity are immediately apparent - but the longer term consequences of inaccurate results, low team morale and programme delays are of greater concern. It is critical therefore to ensure your test automation has the most appropriate strategy, technologies and techniques to support your development programme.

Capita is ideally positioned to help you achieve reliable and cost effective test automation. We have the expertise to support you whether you are currently operating in a wholly manual testing world, require assistance in getting non-effective automation programmes back on track or need to leverage step changes in quality and reduce time to market.

Working with us will save your business time and money by increasing the quality and speed of your software releases and improving return on investment.

Testing Readiness Assessment

Before embarking on any project, it is imperative to ensure both the business and the team are ready. This is especially true when considering test automation. The effective and successful use of automation depends on the preparations made for planning and implementation. Your business needs to consider what its expectations and priorities are; who are the stakeholders and who has authority; what testing should be automated and whether you have the right resources.

Our Testing Readiness Assessment service provides a clear, objective assessment of whether your business is ready to develop and implement test automation. By assessing the key areas for consideration – including automation objectives and priorities, resourcing, test environment, tools and other infrastructure requirements – we can help you identify and mitigate risks and save you time and money.

Test Automation

Computers have automated many functions in our society that were once 'manual' operations, delivering tremendous cost and efficiency improvements. So it makes sense that a business would look to automate its software testing where ever possible to improve and optimise costs. Automating unskilled, repetitive or redundant tasks make good business sense. However automation presents a unique set of challenges.

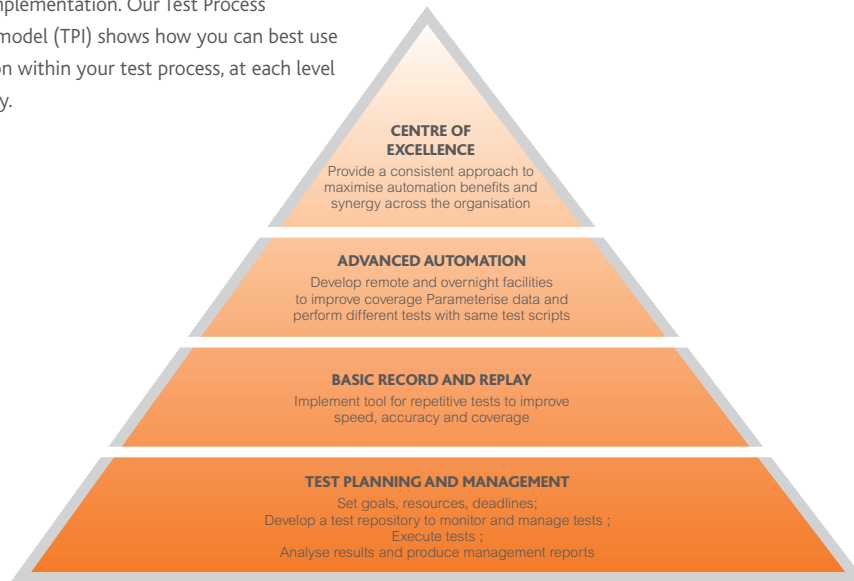
Successful test automation depends on having a clear set of objectives underpinned by appropriate tools and techniques.

Our proven approach can significantly increase testing productivity and deliver savings of up to 65%.



Automated Testing

Capita's proven approach to test automation has been developed over years of experience. We start by articulating the strategic automation objectives and then work with you to create an integrated and comprehensive approach to implementation. Our Test Process Improvement model (TPI) shows how you can best use test automation within your test process, at each level of test maturity.



Our service is flexible enough to support technologies and techniques in either existing legacy test packs or in 'green-field' situations. And our specialist teams ensure that the right skills are available on a cost effective 'on demand' basis. Working with us will help you:

- Increase productivity for the same investment
- Optimise your use of testing resources
- Improve test coverage, without expanding the testing window
- Guarantee consistency and repeatability
- Provide a complete audit trail
- Reduced maintenance costs and effort.



Development Testing

In the software delivery lifecycle, unit and component integration testing are some of the earliest testing activities. The tests are used to demonstrate that recently completed components actually do work - before they are integrated into a business system. Often, defects can be detected and removed at this early phase for significantly less cost per defect than if they were discovered at a later stage. It is important then to ensure your delivery programme has robust practices and adequate provision for development testing.



We recognise that development teams often do not have the time, bandwidth or skills necessary to implement this early stage integration testing. Our Development Testing service can support your team by managing and delivering test engagements in all development methods. Where appropriate, automation can be introduced to reduce the developers' work load.

Our flexible and comprehensive test services can be adapted to produce a tailored approach or 'bolted-on' to existing practices. By integrating developer automation with automated build approaches and linking these into automated system testing, we deliver a comprehensive, joined up solution.

About Capita Assurance and Testing

Capita Assurance and Testing is the UK's leading independent systems quality assurance and testing solutions provider. We provide the full spectrum of governance, assurance, functional and non-functional testing services. Our services help organisations at all stages of test maturity to reduce risk, optimise cost and increase efficiency and business performance across the full IT lifecycle.

As part of The Capita Group Plc, Capita Assurance and Testing combines the agility of an independent specialist with the confidence and security of a FTSE 100 company and leading UK outsourcer.

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