

EPICENTRE SERVICES

Strategic consultancy

Epicentre offers a range of services designed to help our clients optimise their software assurance processes, and therefore the end quality of their software. This includes high-level services such as:

- Test process reviews and health-checks to assess the maturity of your testing processes
- Test process improvement – ongoing support to help reach your process maturity milestones
- Test strategy support – assistance to define an organisation’s Test Strategy and Policy
- Agile transition services – specialist guidance to ensure that test processes are adapted correctly when moving from traditional development to Agile/Scrum methodologies
- Hypothesis-Based Testing methodology implementation

Epicentre can also help you to achieve ROI on test tools at the earliest possible stage through unbiased Test Tool Review and Selection support and the provision of Automated Framework Development services for a range of toolsets. We can also produce test strategies and test plans to support your project-based testing and enable you to get the most value out of your testing effort.

Hypothesis-Based Testing

We utilise a unique test methodology developed by our test partner, STAG Software, called Hypothesis-Based Testing (HBT). This can be implemented for our clients as part of a test process improvement or managed service engagement.



HBT is a personal test methodology that is powered by a scientific defect detection technology (STEM 2.0). The idea is to ‘hypothesise potential types of defects that can impede the experience in a scientific manner and prove that they do not exist’.

STEM 2.0 (STAG Test Engineering Method) is a defect detection technology that consists of eight personal disciplines driven by a core of 32 scientific concepts that enable each discipline to be performed scientifically. It consists of a scientific inquiry process assisted by techniques, principles and guidelines to break down the problem, identify test

criteria, hypothesise potential defect types, formulate a test strategy, design test cases, identify metrics and build appropriate automation.



The key results delivered by HBT/STEM over the last ten years have been to reduce defect escapes by a minimum of 30%, accelerate test development, a 50%-300% increase in ROI for automation, reduce support costs by 30% and increase test coverage by a minimum of 250%.

Next steps

Whatever stage of development your product is at, Epicentre can offer help and advice in making sure you get the most effective strategies and test solutions to ensure your product is robust and ready for market. Our testing experience and knowledge is second to none, and our tools and talent have guided countless quality applications to a smooth and successful launch.

So give us a call to find out how we can help you plan and implement the ideal test solution.

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