

Acutest – Performance Testing

Acutest is a specialist IT consultancy concentrating solely on the Quality Assurance (QA) and testing of IT platforms, software, business process. The company offers comprehensive testing services, ranging from straightforward test analysis to complete QA and test transformation, utilising its proven Principles based approach to testing.

Regardless of the type of testing being undertaken this Principles-based approach is adopted for all tasks, resulting in significantly better practices and outcomes than traditional testing methods.

Our Performance Testing service focuses on understanding your needs, delivering tailored performance testing, insightful result analysis and remediation support.

Performance testing is the crucial but frequently neglected test, with many projects suffering from vague or missing performance benchmarks. Without testing performance under user load how do you know your solution will work in the real world, when everyone wants access at the same time?

Service Definition Details

Proactively addressing performance concerns before deployment is critical, as unresolved issues in the live environment can lead to increased rectification costs, negatively affect business operations, and damage organizational reputation.

Non-functional requirements, particularly those related to system performance, often represent some of the most challenging aspects to define and test. When these requirements are inadequately specified or tested late in the process, they can result in significant, costly disruptions to business activities.

Our comprehensive methodology integrates technical, testing, and business expertise to prioritise business value and support timely, well-informed decision-making. Leveraging a robust catalogue of non-functional requirements—refined through extensive experience and participation in thousands of projects across diverse industries and technologies—we provide a structured framework to enhance requirement definition, identify gaps, and ensure that performance testing delivers maximum value while minimising operational risks in production environments.

Acutest's Performance testing services cover all aspects of solution performance and includes:

- Benchmarking
- Concurrency Testing
- Destructive Testing
- Endurance Testing
- Fatigue Testing
- Latency Testing
- Load Testing
- Resilience Testing
- Scalability Testing
- Soak Testing

- Spike Testing
- Stress Testing
- Throughput Testing
- Volume Testing

If you want to deploy applications quickly and confidently then Performance Testing is essential for all but the most trivial applications.

Our Performance Testing services will address these risks by testing under simulated, realistic user load conditions and common project constraints. The focus of this service is:

- To provide confidence in the applications performance before deployment with objective data to support a go / no-go decision (for example end user response times).
- To determine the scalability of the application and the capacity levels that the application can achieve (for example number of users that can be supported, limits of infrastructure).
- To identify performance issues and bottlenecks and their causes. Where needed, provide detailed evidence that will speed up the resolution of problems.
- To establish performance baseline for service measurement, provide critical information prior to launch to optimise infrastructure and support successful service operation management (for example failure behaviour beyond performance boundaries).
- To monitor critical indicators so that you are quickly aware of any changes to your expected levels of performance.

Performance testing is a specialised discipline that integrates business, testing, and technical expertise with rigorous management of project variables to achieve successful outcomes. Acutest employs established methodologies to deliver precise assessments of system scalability, thereby supporting informed project launch decisions. Acutest offers dedicated Load Testing services which can be customised according to client requirements; these services often comprise various approaches, all adhering to consistent and reliable principles.

In addition, Acutest possesses extensive experience with a broad array of tools and solutions and maintains strategic partnerships with several leading testing tool vendors. Our consultants hold relevant product certifications, and these alliances enable us to secure expedited support and remain current with the latest industry advancements.

Top Features

- The Acutest Accelerator – a tried and tested repository of collateral ready for fast deployment.
- A principles-and-practices-based approach, in which core principles guide the identification and application of the most effective practices.
- Our 3 key Principles are:
 - Begin with the big risks - focus on what matters most.
 - Fail Fast - find defects as soon as possible after they are introduced.

- See through the users' eyes - going beyond the formal specification to identify all things that really matter to the user.
- Whenever feasible, we provide a public domain version of our tools at the conclusion of the assignment so that our customer can continue building on what we've begun.
- We have already delivered this service to numerous organisations of varying size.

Business Benefits

- Reduced cost of testing.
- Increased speed of change through our unique principle based testing approach.
- Improved governance of change through better business alignment of the testing and management reporting.
- Go live faster with confidence.
- An approach that focuses on areas that matter most - enabling project teams to move quickly irrespective of methodology and technology.

Onboarding and offboarding support you provide

Our ability to facilitate knowledge transfer, on-boarding and off boarding is of vital importance to us in delivering efficiencies across client projects.

Acutest possesses extensive experience in deploying and managing resources at various levels and scales, spanning multiple programmes and projects. Leveraging this expertise, along with our comprehensive onboarding and knowledge transfer processes, we efficiently deliver the appropriate resources to our clients in a timely and effective manner.

Through our approach to testing, coupled with our proven industry experience and high quality of resource, we can:

- Reduce project overall time and cost through the adoption of our Practices and Principles.
- Offer clients strategic value through collaboration with an experienced, reputable supplier known for its flexibility and ease of doing business.
- Provide a wide range of services and resources that can handle, organise, and deliver complex, results-driven solutions.
- Help develop new ways of working based on best practice and industry standards.
- Shared expertise / innovation from working with similar clients / organisations over the past decades.

Pricing overview, including volume discounts or data extraction costs

Pricing discounts may be available depending on the size and scope of the engagement / projects.

Prices exclude:

- Expenses (Travel and Subsistence)

Service constraints

This service does not have any constraints however, this is subject to buyers/clients' requirements, environment, and technologies.

Service levels like performance, availability and support hours

Our support hours 9 to 5 (UK time), Monday to Friday.

Clients have 9 to 5 access by email and telephone.

How will we repay buyers if we don't meet service levels?

Please refer to our Terms and Conditions.

Ordering and invoicing process

Please refer to our Terms and Conditions.

How can buyers or suppliers terminate a contract?

Please refer to our Terms and Conditions.

Why Acutest (Part of Trustmarque)?

- A specialist provider of testing, assurance and governance services, concentrating on testing IT processes and technology centred change.
- Our approach focuses on areas that matter most - enabling project teams to move quickly irrespective of methodology and technology.
- Strong and consistent track record of growth.
- Over 90% of our business comes from existing clients and referrals which is genuine confirmation that the approach enables our clients to derive real value from testing.
- Major cost savings by adopting the Acutest Accelerator Framework, a framework that contains all the tools, techniques and processes to test projects.
- Acutest has a skilled and flexible resource pool with global coverage.
- Our clients go live faster with confidence.
- We have a deep understanding of the market dynamics, the competitiveness, cost challenges as well as customer service needs that our clients face.
- We are a catalyst to programme success.
- A strong organisation and culture.
- We combine our expertise with technology to make processes smarter, organisations more efficient and customer experiences better.
- Highly diversified across private and public sectors