

Acutest - CI/CD Continuous Integration/Delivery 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.

Each integration to the shared repository should be automatically built and tested, using automated testing tools. As integration takes place often multiple time a day, finding new defects is generally easier as code changes are usually less.

Service Definition Details

Continuous integration testing requires that the build and test process can be largely automated. The frequency of integration largely precludes manual testing methods.

Beyond continuous integration, continuous deployment will require that your application must be in a state to be deployed at any stage. In addition to the standard automated tested required by continuous integration, continuous deployment will require additional testing on the release or production environment.

Continuous delivery requires that your codebase is deployable at any point. As well as ensuring that the code passes automated tests, it will need to be suitably configured to allow it to pushed straight to your production environment.

Our CI/CD approach is structured and based on our experience and best practices and aligned to our principles and practice

Successful testing within CI/CD requires feedback at every checkpoint, delivered through automated testing. Using codeless test automation tools where possible, we help clients with easier maintenance of test scripts and easier and more rapid script development.

Key considerations when introducing automation into a CI/CD environment include:

- Agile planning
- Continuous automated testing and integration
- Continuous monitoring
- Containerisation
- Cloud infrastructure
- Continuous delivery & automation
- Continuous deployment

- Infrastructure as code
- Microservices

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.

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 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.