

Quality Engineering



QUALITY ASSURANCE BEYOND TRADITIONAL TESTING

Business outcomes depends on the quality of work delivered. Our quality engineering teams can help deliver applications and service at the right quality



Company Profile

We work with Fortune 1000 companies worldwide in many vertical sectors to provide the effective solutions using our services, consulting and products division. To stay competitive in today's fast-paced electronic world, it's crucial to plan for your technology to not only keep pace with - but to enhance - your business growth.

We have extensive experience in state-of-the-art networking, technology infrastructure and business growth strategies. We can design a step-by-step, cost-effective plan for you to achieve optimum ongoing productivity for your company.

We offer

- ***Innovative and reliable IT solutions***
- ***Immense experience without an immense price***
- ***Short-term and long-term assistance***
- ***Procurement, set-up and training***
- ***Ongoing technology management and support***

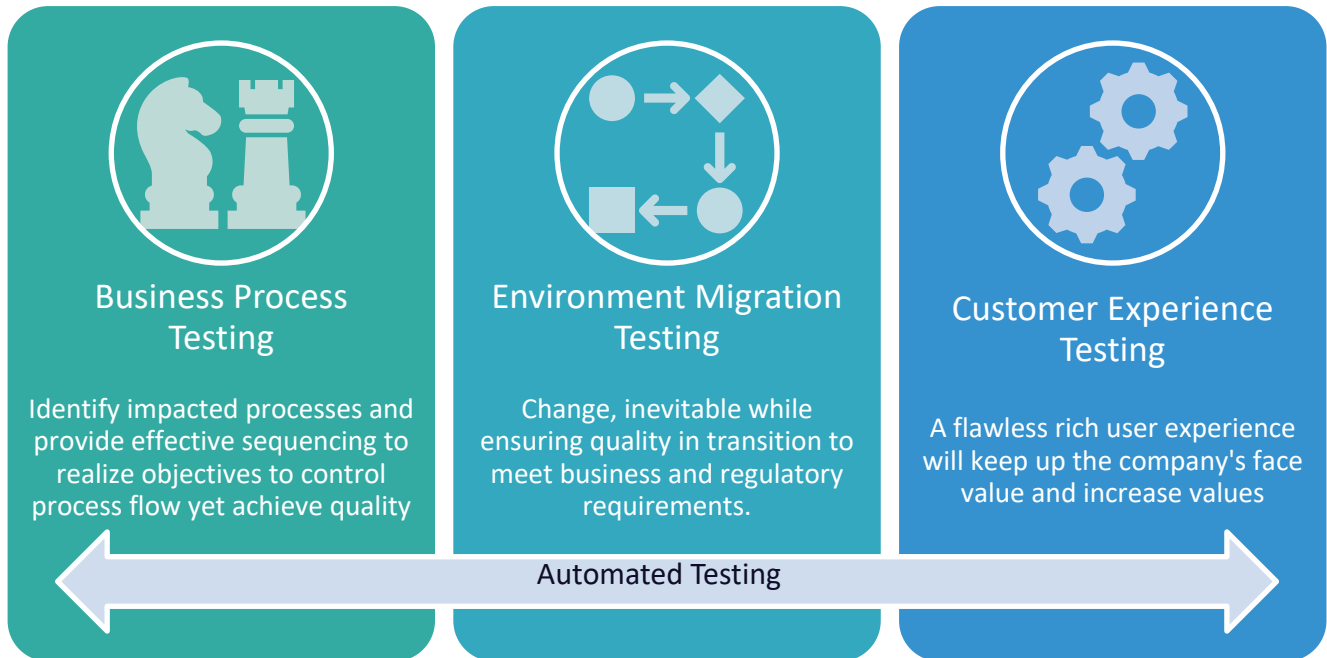
Committed to Build *Solutions* and Create Rewarding Results!

We strive to excel in the invention and development of the industry's most advanced technologies into value for our clients and customers giving them professional and best class services; thereby helping businesses throughout the world harness their full potential.

We solve our clients' toughest challenges by providing matched services in strategy, consulting, technology and operations.

Offerings

With over 20 years' experience, we leverage our software services heritage and best practices to provide a disciplined, standards-based methodology to applications transition, transformation and managed services. Our business is based on industry-tailored solutions, not general technology offerings



Business Process Testing

- Assure that applications and services meet the demands of the business, customers and key stakeholders by validating individual IT features and functions, end-to-end solutions and business interoperability.
- Align technology and operational delivery activities to deliver business capabilities comprehensively and quickly, based on business need and value.
- Develop “built-in” compliance by mapping regulatory rules to required processes from the start. This helps assure compliance while reducing cost and risk.
- Give stakeholders visibility into program activities to identify and mitigate quality issues that could put the business and the brand at risk

Environment Migration Testing

Experience, we leverage our software services heritage and best practices to provide a disciplined, standards-based methodology to applications transition, transformation and managed services.

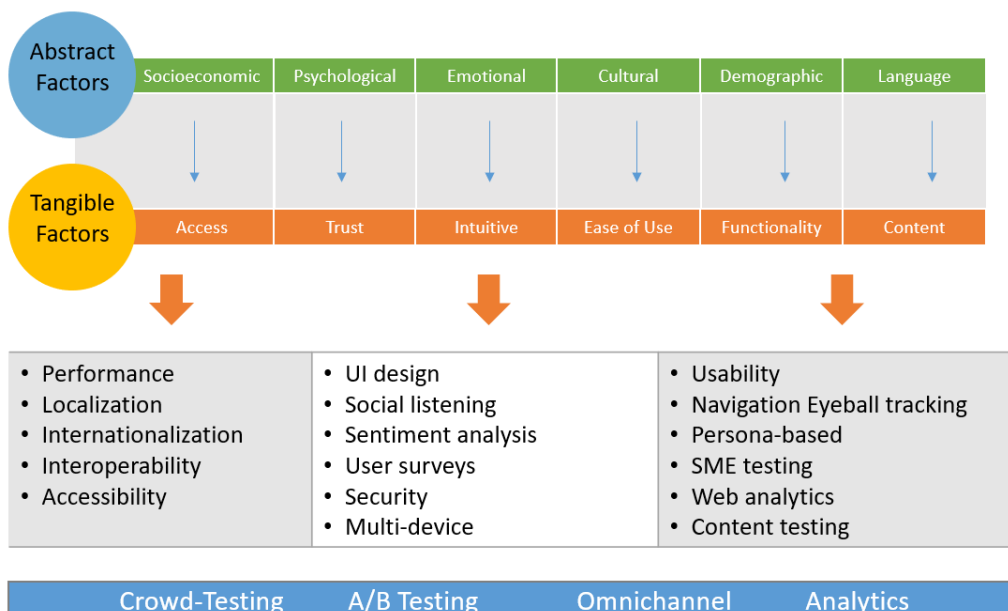
A simple environment migration borrows several software testing approaches from regular quality testing parlance to validate 3 major environment components like applications, data and configurations. It is important to focus on all three core components of the system to treat functional and connectivity testing as critical elements of overall environment migration testing.

The following types of testing must also be performed across the ecosystem:

- **Performance testing** that covers the rapidity of the communication network model, as well as the internal computation capabilities of the embedded software system along platform load testing.
- **Security testing** that covers privacy, autonomy and spying.
- **Compatibility testing** with the possible combination of device version, protocol version, mobile devices and OS version.
- **Exploratory testing** to test from the user's perspective and beyond predefined test procedures.

Customer Experience Testing

As digital pervades nearly every aspect of our personal and professional lives, businesses must embrace and execute a well-defined customer experience testing strategy that keeps customers loyal and satisfied.



Performance Testing

Performance testing of your applications built on myriad technologies and integrated ecosystems for a seamless customer experience.

Security Testing

SAST- and DAST-aligned assurance solutions that address the security and vulnerability requirements of digital ecosystems.

Accessibility Testing

Validation of your user interface design and usability elements, including ease of navigation and omnichannel access to drive user adoption and advocacy.

Consultant Experience Assurance

Consultant Experience testing of end users' experience, using our fastest platform for on-demand test services, tools, cloud-based device labs, IPs and test infrastructure.

Solutions and Framework Opportunities

The IT ecosystem puts forth a myriad of quality testing challenges. Importantly, the quality testing organization should view these challenges as opportunities to build frameworks and solutions.

The following are a few such opportunities:

Process simulators: One of the interesting aspects of quality testing practice is the ability to work with multiple process. Process simulators can come in handy when there is a huge variety of business flows and interfaces/reports to validate.

Data recorders: Data recorders from different types of systems can be helpful in smart validation across system sets. The recorded data can be played across different end-points devices automatically, which in turn can be a great enabler in compatibility testing of apps across different device sets and communication layers.

Virtualization: This is an important aspect of environment validation. Due to highly complex interfaces, there is little opportunity for real-time validation of application behavior. Therefore, it will still be beneficial to bring in an ample amount of virtualization into the services on which applications are built. Virtualization of an IT ecosystem yields the benefits of faster turnaround and reduced costs due to minimal dependency on the production environment for testing. It also leads to earlier identification of defects, thereby establishing a new dimension within the validation process.

Looking Forward

The investments made in IT ecosystem and marketing can take businesses only so far, particularly if they do not have a holistic approach to testing the IT ecosystem. As IT system expands beyond the periphery into the mainstream of consumer and enterprise markets, quality testing practice teams must gear up to help their organizations take advantage of the tremendous opportunities created by the ongoing business digitization. It's time for quality testing organizations to empower their companies with reliable IT products and services that make good on the promise of smart, connected devices that elevate everything from personal wellness/hygiene and driving, through manufacturing, logistics management and air travel. With ever-greater blending of IT into business, it is necessary for the testing teams to upskill beyond traditional functional testing and gear up for integrated testing of embedded software, IT solutions and big data — and to understand their influence on one another.

For more information and view all case studies visit: <http://www.syshagroup.com/>

Our Strategic Partnerships!



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