

## SQA Services

In the current highly competitive market, organizations need to deliver services and solutions in a timely manner without compromising on quality. GAVS' SQA services align with business imperatives such as enhanced compliance, control, and quality assurance to develop efficient software through end-to-end testing.

Our SQA procedures when incorporated and implemented right from the beginning - from project planning to execution, allows project teams to anticipate and consider development issues from the start, reducing architectural mistakes and mitigates the need for corrective actions.

## Balancing act for SQA & technology advancements

End users' expectation of software quality has increased exponentially with the proliferation of digital technologies such as social media, mobility, analytics, and cloud computing. To meet this dynamic business requirement, organizations' focus has shifted towards agile development, cloud infrastructure, and other innovative trends and technologies. As a result, SQA activities have become more process centric with businesses getting more involved across the entire testing cycle. In addition to extensive experience in managing diverse software testing projects, GAVS has set up exclusive labs for mobile, cloud, and infrastructure testing.

## What we offer

GAVS' services support both conventional application testing and quality assurance for new technologies. This enables enterprises to offer high quality products and applications to customers.

We specialize in

- QA methodologies and maturity models based on businesses goals
- Flexible engagement and delivery models
- Specialized and experienced QA consultants' adaptability to all SDLC
- Leverage from Industry Standards

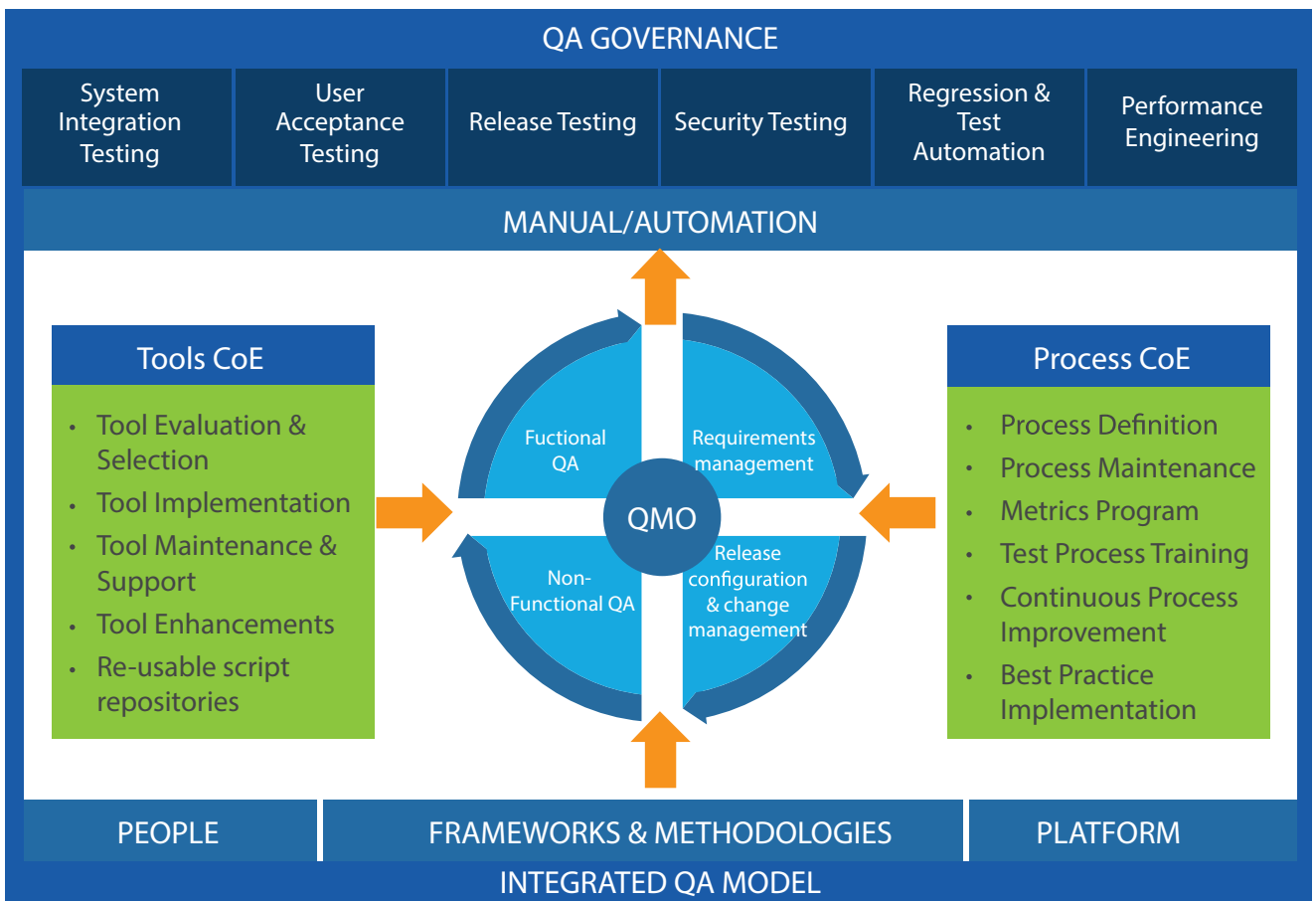
Our key focus areas in software testing are depicted in the diagram below.

## Leverage our approach

GAVS has an independent QA Center of Excellence (CoE), which provides comprehensive testing services to customers. Our QA team leverages a robust framework and mature testing processes to perform an unbiased evaluation of the various development and maintenance projects and achieves the stated quality objectives. The integrated team consists of process analysts, testing engineers, and subject matter experts.

Our basic SQA approach involves developing

- Testing strategy – Includes understanding your testing needs that reduce project risks and determines the testing effort and costs. Keeping in mind the business goal of optimizing the cost of testing and cost of defects, our SQA team performs testing procedures aligned with strategic SDLC processes to identify early defects and achieve optimal test coverage
- Testing approach: Whether Agile, DevOps or waterfall SDLC model, our SQA framework for automated and manual testing of functional and non-functional platforms, across several modules is based on parameters such as customer preference, project background, scope of work, requirements clarity, documentation availability, user/stakeholder's expectations, and timelines.



Our SQA activities help organizations reduce IT cost, enhance system availability, and optimize resource utilization. In most cases, the QA team is involved right from the project planning stage and performs the following tasks:

- Tailors and develops project specific processes
- Reviews project management plans
- Creates the project quality plans
- Reviews and aligns deliverables against milestones

## The GAVS advantage:

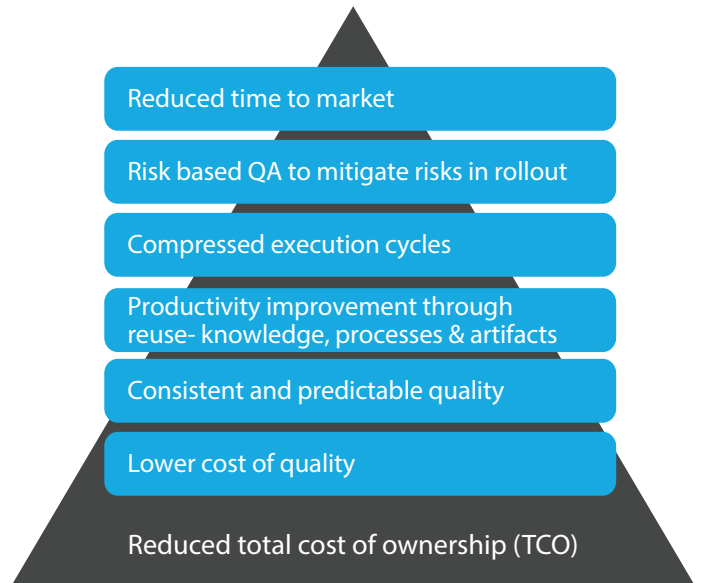
GAVS has executed about 500 projects for over 100 customers across the globe. We offer a strategic outlook in areas such as data center and IT infrastructure management services, application development and integration services, application management services, data warehousing and business intelligence, testing services, PMO and consulting services. In addition to global delivery and infrastructure optimization, we help customers achieve their quality objectives through the following key differentiators:

- Dedicated SQA specialists, each with years of software testing experience across a range of industry verticals and testing tools
- Comprehensive quality assurance services aligned with the customer's SDLC process along with defined outcomes at each phase of the project
- Proven expertise in a comprehensive array of testing types, practices, methodologies and test automation know-how, catering to the complete spectrum of testing needs
- End-to-end quality assurance services driven by a robust governance model that provides greater visibility and control to the customer.
- Well defined requirements, change, configuration, project, and release management processes
- Risk based testing and reusable knowledge, processes, and artifacts
- A sophisticated system of quality measurements for the software product and testing process
- Save over 40% in costs with effective SQA transformation model and reduced resource utilization

## Benefits

GAVS helps customers strengthen development initiatives for greater test coverage and enhanced quality. Our software quality assurance services also offer the following benefits:

- Consistent and predictable quality
- Faster time-to-market
- Reduced cost of quality and total cost of ownership
- Improved productivity
- Enhanced customer engagement



# About GAVS

GAVS Technologies (GAVS) is a global IT services & solutions provider enabling digital transformation through automation-led IT infrastructure solutions. Our offerings are powered by Smart Machines, DevOps & Predictive Analytics and aligned to improve user experience by 10X and reduce resource utilization by 40%.

GAVS has been recognized as a Cool Vendor by Gartner in 'Cool Vendors in ITSM 2.0, 2016' and positioned as an 'Aspirant' in Everest Group PEAK Matrix™ for Healthcare Provider IT Services. GAVS was also rated as a prominent India-based Remote Infrastructure Management player & one of the key small players serving the mid-market & enterprise clients in North America by Gartner.

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