

# QUALITY ASSURANCE & VALIDATION SERVICES

Maximize Software Quality, The Future, in control.



A Quality Assurance & Validation service that aligns to your business goals

- Improve quality
- Accelerate Time-to-Market
- Optimize QA & Testing budget
- Reduce business risk
- Improve control and extend visibility
- Increase utilization and operational efficiencies
- Increase end-user satisfaction

Organizations worldwide are increasingly demanding that IT departments bring more value to their Business, by accelerating time to market and releasing software products that meet customer expectations in terms of quality and user experience. At Softtek we believe that the quality of software applications is a common responsibility among all the roles involved in the Software Development Life Cycle (SDLC). Therefore we implement standard processes and best practices and establish better collaboration with the development teams to integrate Quality Assurance activities in all phases of the SDLC to help our clients build the quality of the software, optimize costs and achieve their business goals.

## SERVICE PORTFOLIO

### Quality Assurance

Using our Quality Assurance & Validation Maturity Model®, we assess the maturity of your organization in terms of software quality and create a roadmap to guide you in the process of improving your quality practices. Verification tollgates through the entire SDLC can be implemented to ensure the applications comply with end user needs.

### Software Testing

With our expertise we can help you define a strategic solution for every testing level and type. Our methodologies and frameworks allow us to cover all stages of the Software Testing Life Cycle and deliver full testing services -from test planning to test execution, metrics gathering and reporting- while at the same time building a solid reuse base for test assets.

### Test Automation

Our broad experience, specialized frameworks and methodologies allow us, to help our customers establish a solid automated testing strategy, select the right approach and define the tools to be used. Through our partnership with HP, we assist with tools' licensing and implementation. In addition, our expertise with various technologies and platforms enables us to provide timely and cost-effective solutions.

### Performance Testing

Our skills in specialized tools enable us to help your project teams determine your current system capacity, identify and fix performance issues, as well as ensure that your business SLAs are met and that performance requirements are properly addressed for new systems.

### Mobile Testing

Our teams, through our specialized methodology, help you define or upgrade your mobile quality assurance program. Whether testing on physical devices or emulators, we can be your partner and help you deliver reliable applications to your end-users in a short-time span.

### Security and Penetration Testing

Softtek provides a comprehensive program to identify security vulnerabilities through White Box, Gray Box, Black Box and Penetration Testing, which can be performed at an application or network layer. We have specialized consultants that can perform root cause analysis and provide suggestions for vulnerability remediation, as well as support the integration of specific controls and tools into SDLC to detect them early in the process.

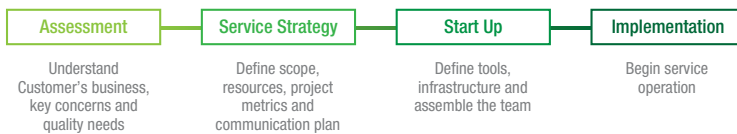
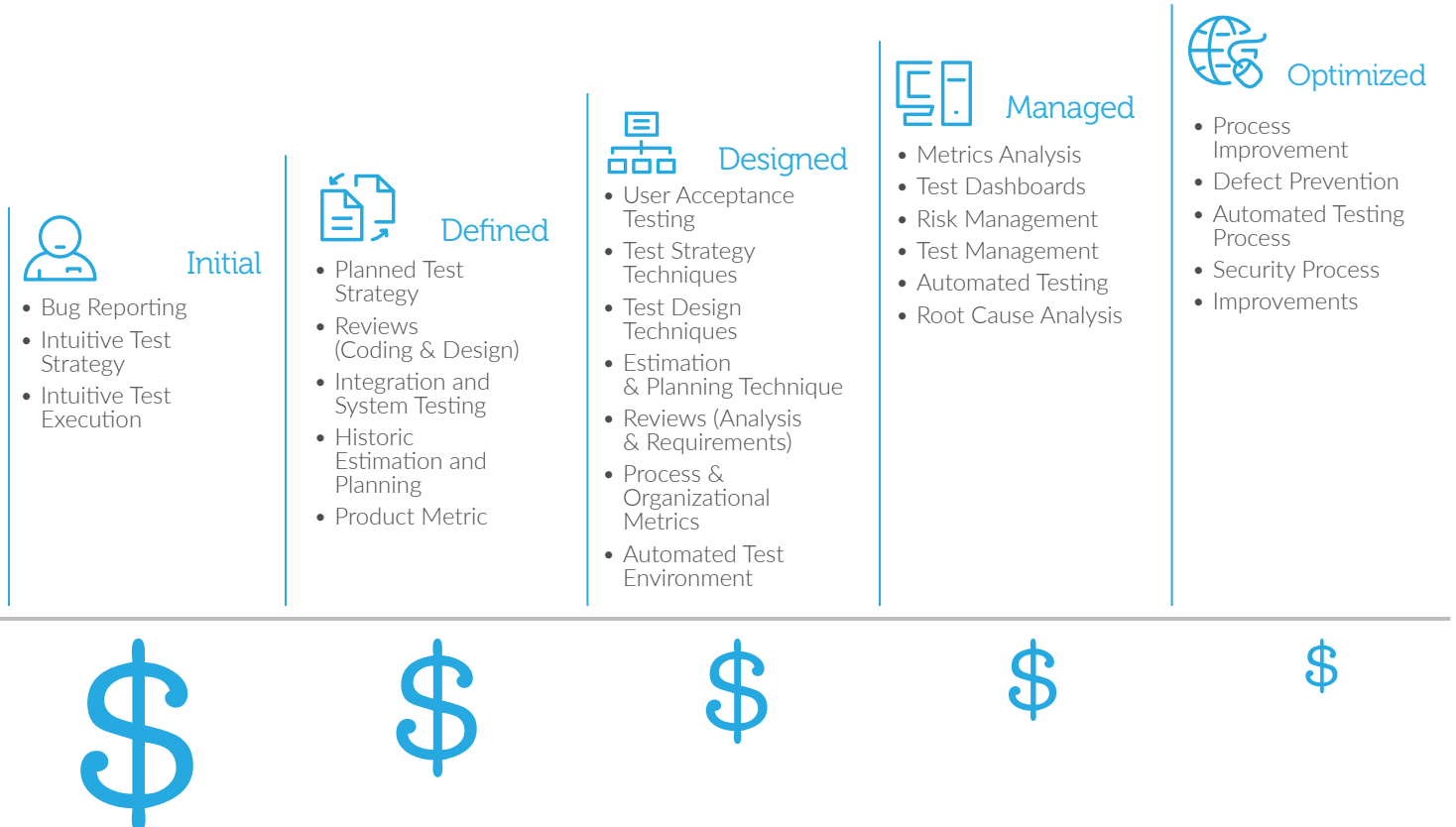


## OUR QUALITY ASSURANCE & VALIDATION BROAD EXPERIENCE, AT YOUR SERVICE

The focus of our services is on prevention and early detection of defects based on our Quality Assurance and Validation Maturity Model® (QAVMM). Our specialized and certified consultants are aware of the importance of collaborating with the different software development areas and final users, so that the right controls, verifications and validations to build the quality of the software can be implemented. We provide a broad portfolio of services that can be adapted to any type of platform, project and organization.

Softtek's QA and Validation approach combines the following key elements:

- A comprehensive portfolio of services
- Proprietary methodologies and maturity models
- Flexible engagement and delivery models
- Specialized and experienced QA consultants
- Adaptability to all SDLC
- Leverage from Industry Standards



### IMPLEMENTATION ROADMAP

The process to implement QA services is supported by Softtek Software QA & Validation Methodology® and our Quality Assurance and Validation Maturity Model®. This comprehensive methodology can be implemented for both phased projects requiring specific testing tasks or complete testing lifecycles. Our most important drivers for service implementation are software quality and ensuring the applications are ready to market.

### ABOUT SOFTTEK

Founded in 1982, Softtek is a global provider of process-driven IT solutions with 30 offices in North America, Latin America, Europe and Asia. With 12 Global Delivery Centers in the U.S., Mexico, China, Brazil, Argentina, Spain and India, Softtek helps improve time-to-business-solution, lower costs of existing applications, deliver better engineered and tested applications, and produce predictable outcomes for top-tier corporations in over 20 countries. Through on-site, on-shore and its trademarked Global Nearshore™ service delivery models, Softtek teams with CIOs to constantly increase the business value of IT. Softtek is the creator and a leader of the nearshore industry.

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