

SERVICE OVERVIEW

Application Development and Managed Services
QA Automation Services

ABOUT EMTEC®

Emtec is the right size provider of technology-empowered business solutions for world-class organizations. Our local offices, highly-skilled associates, and global delivery capabilities ensure the accessibility and scale to align your technology solutions with your business needs. Our collective focus is to continue to build clients for life: long-term enterprise relationships that deliver rapid, meaningful, and lasting business value.

APPLICATION DEVELOPMENT AND MANAGED SERVICES

Emtec's Application Development and Managed Services provide clients flexible resources, services and support during every phase of the application development lifecycle. Our full-service delivery model can provide resources from quick QA skillset sourcing, to individual project-based teams, to full managed services engagements. We offer:

- Application Advisory Services
- Product Development
- Custom Application Development & Maintenance
- Package Application Development, Maintenance & Support
- Quality Assurance & Testing Services
- Managed Services, Capacity Management & Staffing Services

CHALLENGES IN QA AND TESTING

Organizations need to bring new products and updates to market faster than ever before- with cross platform compatibility. This requires acceleration of the development lifecycle and further shrinks the window for effective quality assurance and testing- an important component to ensure a complete and flawless end result. Further, given the cyclical nature of testing efforts and the wide array of skillsets needed, maintaining the internal resources required can be challenging and quite costly.

EMTEC QA & TESTING SERVICES

Emtec offers a full suite of services to help support our clients QA and testing initiatives to control costs, minimize risk and deliver quality results.

- **QA Advisory Services** - Emtec's QA Advisory Services offer resources, processes and frameworks to help our clients define, develop and enhance viable strategies for QA improvement.
- **QA Testing as a Service (TaaS)**- Emtec's full suite of testing services help clients reduce time to market by increasing the effectiveness of their QA initiatives while reducing the cost.
- **QA Automation** - Emtec's Software Test Automation Framework helps clients increase efficiency by automating their testing – decreasing time to market; while reducing overall total cost of ownership.
- **QA Project Sourcing** - Emtec offers resource sourcing to provide our clients with the flexibility to scale their IT teams up or down to meet business demands or expand with additional skillsets.

FLEXIBLE DELIVERY OPTIONS

Utilizing our onShore and offShore delivery centers allows Emtec to tailor QA and Testing services to fit an organization's need, preferences, and budget. With 70% of our QA team located in North America and 30% in India, Emtec offers the intimacy of a local service provider along with the maturity and scale of a global delivery organization.

QA EXPERTISE

Emtec's QA team is 130+ people strong. Our consultants have more than 15+ years of expertise from over 95 client engagements.

Testing Expertise

- Test Planning and Coordination
- Test Case Development
- Functional Testing
- Compatibility Testing
- Mobile Testing
- Performance Testing

Test Automation Toolsets

- Open Source (Selenium)
- HP (Loadrunner, QTP, QC)
- Microsoft (CODED UI TEST)
- IBM (RATIONAL)
- Borland (SILK TEST)
- Parasoft(SOATEST, C++TEST)

Software/Application Expertise

- Microsoft Dynamics
- Salesforce.com
- Oracle and Peoplesoft
- SAP
- Custom Applications

Industry Experience

- Healthcare and Life Sciences
- Finance & Investing
- Banking & Insurance
- Retail and Manufacturing
- Technology

DID YOU KNOW?

- 35% of development efforts are dedicated to testing
- 75% of projects sub-optimize testing due to budget and time constraints
- 30% of post release production issues are due to unrelated application changes

AUTOMATION BENEFITS

A well-designed automated testing initiative can provide a return on investment within 9 to 12 months.

- Accelerates deployment of new application releases
- Reduces cost by accomplishing more with less resources
- Delivers more reliable and stable application releases

WANT TO KNOW MORE?

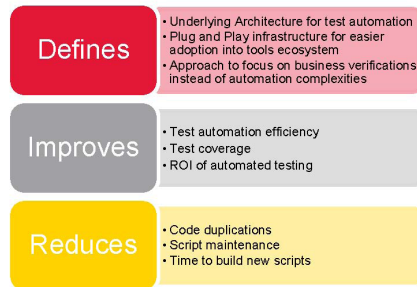
Contact our QA team today:
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Visit our Website:
www.emtecinc.com/QA

BUILDING A CASE FOR QA AUTOMATION

Stakeholders see the value of having automated regression test capabilities, however making a business case for automation can be challenging due to the cost, complexity, and effort required to develop a comprehensive underlying automation framework.

Emtec's Software Test Automation Framework helps clients incorporate automation into their QA methodologies without having to start from square one.



Emtec's proprietary automation framework has helped our clients:

- increase efficiency by automating 55-75% of their testing
- decrease time to market by up to 50%
- reduce overall total cost of ownership by 20-35%

EMTEC'S SOFTWARE TEST AUTOMATION FRAMEWORK

Emtec's Software Test Automation Framework is a proprietary automation accelerator framework that:

- Provides Software Development Kits (SDKs) to greatly reduce the complexity of developing test automation scripts
- Saves ramp up time and enables longevity of regression scripts by requiring minimal maintenance
- Makes it possible to catch regression defects in Continuous Integration model, which typically are missed due to resource and schedule constraints
- Provides one-click automation - ability for business users to run end to end automated regression without in-depth technical knowledge
- Allows for configuration of multiple test execution environments
- Enables data driven tests capabilities leveraging various data sources
- Facilitates API test harness with support for various protocols (SOAP, REST, XMLPost etc.)
- Empowers unified reporting with customizable report generation, comparison and historical trend analysis support
- Employs plugin architecture for leveraging various open-source, commercial, and homegrown tools in existing landscape

SAMPLE CLIENT ENGAGEMENTS

Large Real Estate Information Provider: Emtec's highly automated QA enables rapid development and feature releases every month with full regression testing while reducing QA costs by 45%.

Global Travel Management Services Company: Emtec's testing-as-a-service enables faster and more effective QA across multiple product engineering teams resulting in improved product quality, and a reduction in overall cost by 15%.

Large Technology Wholesaler: Emtec's automated test suite helped streamline and accelerate deployment of their PeopleSoft Procure-to-pay across divisions, saving over 40% in testing time and costs. "This is some of the best money we have spent on PeopleSoft", per their IT Director.