



...commitment towards excellence...

[www.gatewaytechnolabs.com](http://www.gatewaytechnolabs.com)

## Independent Verification and Validation Service Provider

[www.offshoretestingsservices.com](http://www.offshoretestingsservices.com)

### Services Offerings:

- » **Managed Test Center**
  - » Process, metrics setup
  - » Testing tool evaluation and implementation
  - » Training to client developers and testers
- » **Base Testing Services**
  - » Test strategy and planning
  - » Test case creation and execution
  - » Performance testing setup and execution
  - » Testing tools on lease or rental basis
- » **Mobile Application Testing**
  - » iPhone, Smartphone, Conventional models
- » **Game Testing**
  - » Nintendo Wii, T.V., Internet online
- » **Security Testing**
  - » Database, Memory, Source code
- » **Test Automation**
  - » Using licensed and open source tools
- » **Compatibility Testing**
  - » OS, Browsers, Network norms
- » **Learning Management System Testing**

### Technologies/Tools

- » **Test Automation**
  - » HP : Win Runner, QTP
  - » Selenium, TestComplete, QF-Test
  - » NUnit, JUnit
- » **Performance Engineering**
  - » HP : Load Runner
  - » Microsoft : Application Center Test
  - » OpenSTA, WebLoad
- » **Code Review**
  - » Rational : Purify
  - » .Net : FxCop, CodeSmith Code Generator
  - » C++ : Valgrind
  - » Java : JProfiler
- » **Defect Management**
  - » HP : Test Director, Quality Center
  - » Rational : Clear Quest
  - » PVCS Tracker, Mantis BT, BugZilla, JIRA

### Our Engagement Models:

- » **Process Implementation**
  - » Evaluation of existing process and improvement implementation
  - » Develop quality data collection and analysis mechanism
  - » Conduct process compliance audits
  - » Prepare dashboards you can share with your clients for confidence building
- » **Test Lab**
  - » We will carry out testing from our test lab connected with your network
  - » Applications can be in your infrastructure or at our Lab
  - » Our test managers will use testing process, metrics, dashboards
  - » Our tester will test, analyze and reduce product release cycle
  - » We will evaluate and suggest testing tools as and when required
- » **Virtual Team**
  - » We monitor your development schedules and status pro-actively
  - » We recommend when to deploy testers to ensure project schedule is on track
  - » Our testers are available for daily work allocation, status review and team discussions
- » **Training Workshops**
  - » Train existing developers for testing best practices, industry standards
  - » Flexible trainings – daily 1-2 hours with gaps to manage situations/work loads
  - » Remote trainings by virtual classroom for your developer at different locations
  - » Training material covers case study based exercises and evaluations

### Why Gateway TestLabs?

- » 1200+ employees - project managers, developers, DBA, OS - Network administrators
- » 110+ dedicated V&V team working across globe
- » Subsidiaries in APAC, Europe, U.S.
- » V&V Service provider to 50+ product companies
- » Test managers with SDLC, business and technology background
- » Testing tool R&D lab
- » Transparency for processes, staffing and operations
- » Relationship approach instead of service selling
- » 70% relationships are 5+ years

### Quick Checks:

- » Do you pay developers for testing instead of development?
- » Your vendors provide quality dashboard, test cases and data?
- » Rework due to poor quality increase your release cycles?
- » Your project managers focus on quality instead of value-adds?
- » IT leaders are involved for quality issues instead focus on technology trends?
- » Project teams look at testing as overhead?
- » Your teams know testing best practices, trends and tools?

### Ensure Focus – Reduce Costs

- » Overnight testing improve developer productivity and focus
- » Accurate defect analysis reduce project manager efforts for quality monitoring
- » Quality dashboards reduce IT leader involvement due to pro-active actions
- » Industry standard quality practices increase client confidence
- » Outsourced testing reduces resistance for testing activities
- » Leverage - developers for source code, testers for testing

## GTL QA Methodology

### Management Oversight and Control

#### Initiation and Strategy Definition

- » Detailed product understanding
- » Team formation
- » Knowledge transfer
- » Test environment
- » Test strategy and planning

#### Test Design

- » Test case creation
- » Test automation (if ROI suggests)
- » Test data creation
- » Test metrics
- » Exit criteria

#### Test Execution and Reporting

- » Test case execution
- » Test reporting
- » Metrics Reporting
- » Test cycle closures

#### Test Analysis

- » Test Result Analysis
- » Retrospectives
- » Identification of improvement areas

## Milestones

- » The regression test automation suite created by Gateway for one of the product companies in US reduced overall testing time to test by 50% for each of product versions
- » Gateway carried out code review for one of the clients in Europe and delivered significant findings that lead to substantial performance gains for the application
- » Gateway supported a large software product house in US for their end-to-end testing requirements by creation and execution of 1500+ test cases covering entire functionality and underlying business logics and many more..

## Testing Process – Salient Features

- » Holistic Verification and Validation Lifecycle
- » Transition out entire testing process
- » Sound project management methodologies with deep focus on knowledge management & collaboration
- » Structured Team ramp
- » Adaptable testing process to suit client needs
- » Streamlined and measurable processes

For more details, visit: <http://www.offshoretestingservices.com>  
For more information, email us at [qa@gatewaytechnolabs.com](mailto:qa@gatewaytechnolabs.com)



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