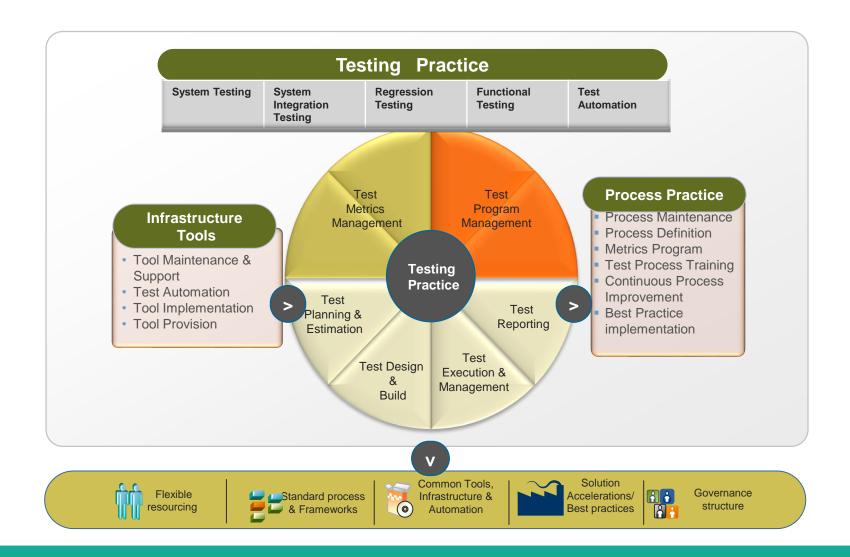


RIMUS Testing Service Offerings

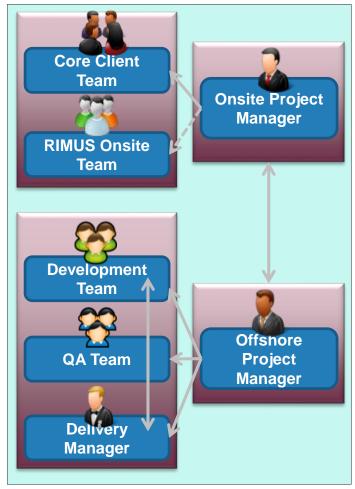
Testing Ecosystem Overview





Global Delivery Model





Robust & Customer Centric Delivery Model

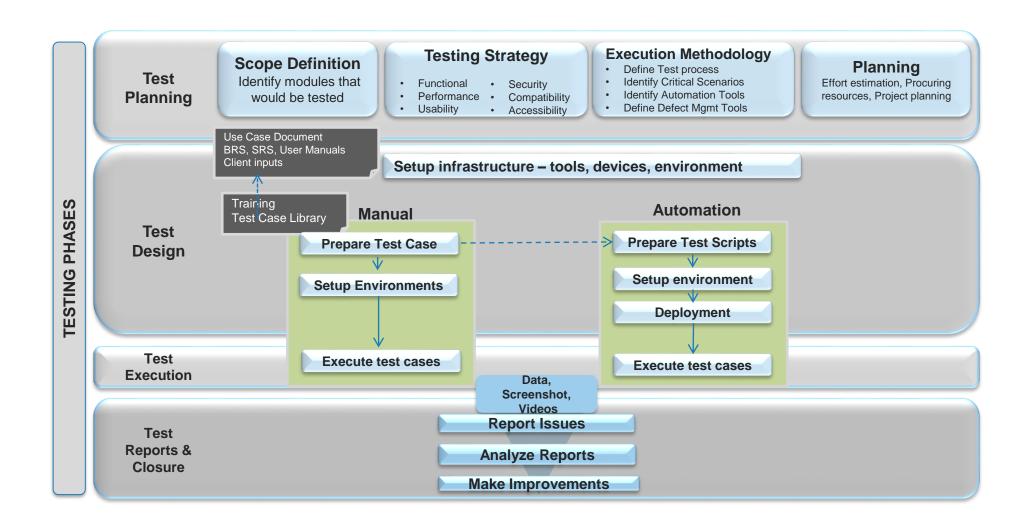
- One to one mapped global delivery model 1 eliminating "throw over the wall approach"
- **Onsite- Offshore teams seamlessly integrated** through shared infrastructure
- Round the clock connectivity via multiple media such 3 as Skype, WhatsApp etc
- Focus on total integration, sustainability, risk mitigation, reduced response time & success measured at multiple levels

Best Practices Employed

- Structured and well defined communication protocol that addresses:
 - Daily/Weekly/Monthly Status reports
 - Identification of single point of contact from RIMUS, thus easing communication issues
- Well defined issue escalation. paths for each project combined with SLAs for addressing issues based on their categorization
- Flat organizational hierarchy ensuring oversight and attention by top management
- Metric based reporting to track and trend offshore productivity

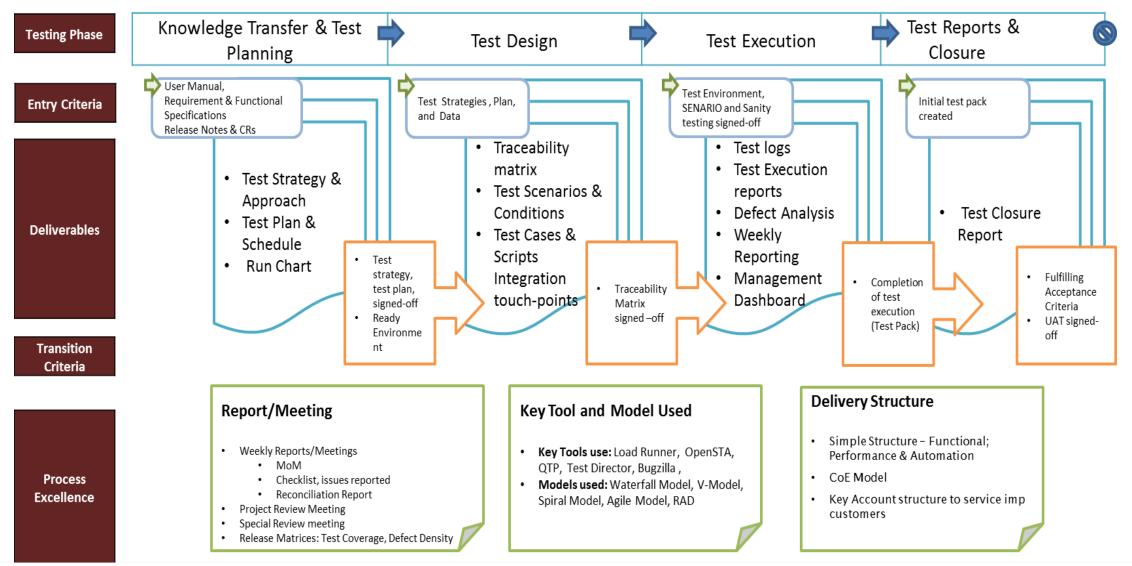






Testing Delivery Framework



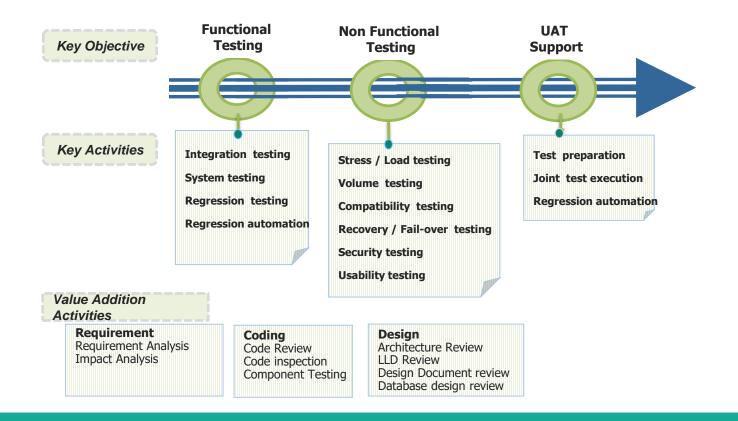


End to End Testing



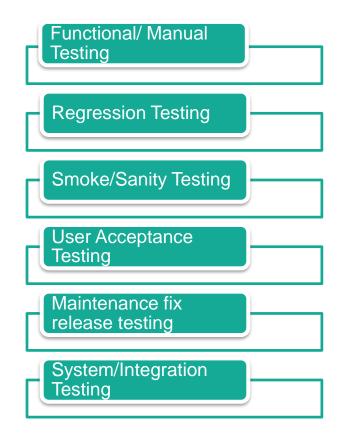


RIMUS end to end testing services integrate efficient quality assurance processes into the software and system lifecycle with reduced cost and time



Functional Testing

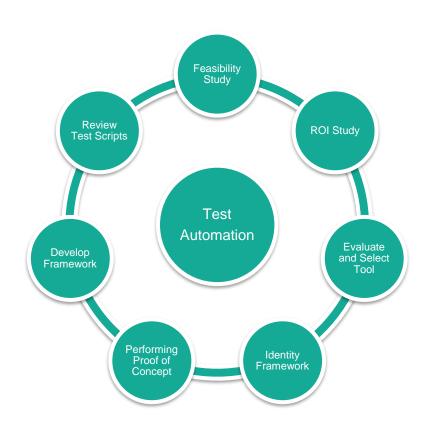




- Our Functionality testing validates that an application conforms to its specifications and meets its expected functional requirements
- Experienced expertise thorough with test core functional aspects of the application to ensure completeness of system architecture and seamless interoperability of all system components.
- Our Team is cross-trained and exposed to various verticals like BFSI,
 Retail, Telecom, Life Science and IT and many more
- Based on statistical techniques and Business scenario-driven modelbased testing
- Use automated test cases from customized libraries and risk-driven functional testing methodology for execution progress, defect status, and residual defects

Test Automation

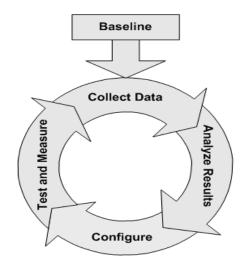




- Certified automation specialists with Consulting approach to reduce risk and maximize ROI
- Experience in various test automation models i.e. Keyword, database & hybrid, empowering us to customize a solution to meet demand of our customers
- Expertise in tools like HP quick test professional, selenium IDE, RC etc.

Performance Testing





"Perfect blend of performance and engineering technique to enable business transformation of new and existing applications"

- Expertise to test the strength and performance under static and dynamic load conditions leveraging industry standard Tools
- Conducting pre-production performance Checks to ensure compliance with Business SLAs
- Equipped with the expertise in databases, high volume transaction systems, and related technologies to evaluate the usage patterns on your system and end-user experience under varying amounts of traffic
- Dedicated Testing Lab with ability to simulate desired test conditions
- Vendor agnostic with experience in proprietary as well as open source testing tools

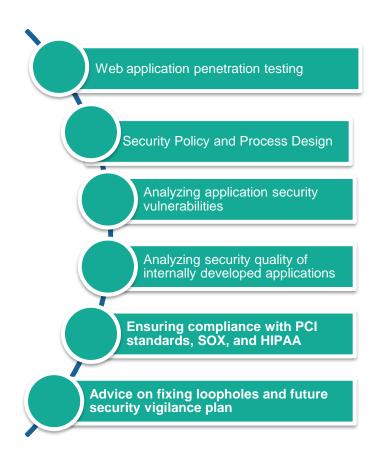






Security Testing Offerings





Security Testing Activities

- Creating security abuse/misuse cases
- Listing normative security requirements
- Performing architectural risk analysis
- Building risk-based security test plans
- Wielding static analysis tools
- Performing security tests
- Performing penetration testing in the final environment





Key Challenges:

- Almost all projects have aggressive delivery schedules
- Testing as a function is always overlooked within development team structure

How RIMUS helps tackle Aggressive Delivery Schedules

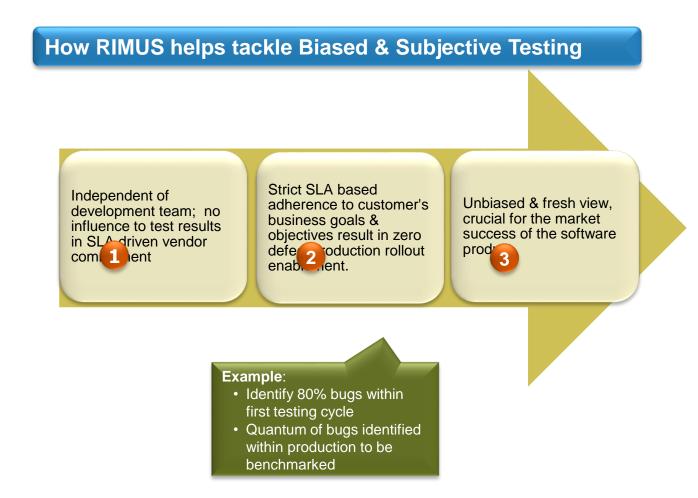
- Project testing engagement start from day 1 with unbiased & fresh view
- Engagement in each level of SDLC to help identify bugs at the earliest stage
- Reduction in lead time through use of common processes, standards, tools, & resources
- Early detection of defects results in dramatically reduced time to fix bugs
- Long term reduction in the length of the test process and testing costs

Challenges in Testing 2/3



Key Challenges:

- In many organizations, the development and the testing team interact very closely, which result in overlooking of bugs
- Late detection of critical bugs



Challenges in Testing 3/3



Key Challenges:

- Challenges in hiring and retaining high quality testing resources
- Lack of proper testing tools &processes

How RIMUS helps tackle Lack of resources / Rising costs

- Enhanced productivity & operational efficiency
 - Synergy of skilled people with excellent Domain Skills
 - Best-of-breed testing tools, techniques, standard processes,
 - Automation frame works, and reusable components
- ROI-based justification through continuous cost-savings, improved productivity, better quality of service.
- Availability of pool of resources during peak of testing activities
- Organization can focus on more important rollout related activities ensuring a good launch for the product/project

Execution Approach



Master Test Strategy

- Review business process and application
- Study application customization & integration
- Study Interfaces, Project & Product Environment
- Determine and finalize scope and types of tests
- Criticality & Risk Analysis
- Identification of Test Strategy – Methodology, Processes, Tools, Techniques & Priority
- Identification of critical measurement criteria
- Master Test Strategy
 signed off by client

Master Test Planning

- Prioritization of testing activities visà-vis identified release plan
- Estimation of Testing Activities and Scheduling
- Identification of Test Environment Requirements and associated time & quantities
- Identification of testing resources,
- Detailed testing plan, Tool usage plan, Test lab and data requirements – Signed off by client

Test Design & Development

- Design Test Conditions
- Design of Test Cases based on identified methodology
- Develop Test cases
- Create Testing Scenarios
- Create Test Data
- Development of test bed and associated tooling/ scripting
- Preparation of Test Environment/ Lab
- Test Cases/ Scripts -Signed off by client

Test Execution

- Perform identified test
- Execute Test Cases
- Execute test scripts
- Log defects into defect tracking tool
- Retest fixed bugs (Regression Testing)
- Engage vendors and development teams to test interfaces.
- Defects Log
- Test Reports Signed off by Client

Evaluate Results

- Analyze & Report test results/ trends
- Analyze and report metrics
- Review of testing activities and recommendations
- Test Evaluation report
- Perform test coverage analysis

Based on Project Size (Onsite/Offshore)

Key Differentiators



- Proficiency in latest technologies, awareness of testing dynamics, and rich repository of re-usable test cases
- Assure low-cost Application testing services, robust QA consulting, effective resource optimization, and on-time delivery
- In depth experience and expertise / knowledge of various domains, IT architecture, testing requirements, scope management, performance benchmarks
- Testing Centre of Excellence approach that combines domain expertise, technology and specialized testing skills.
- Service-Oriented Architecture (SOA) testing framework, a comprehensive approach that manages all dimensions of testing:
 - > **Type of testing:**Functional, conformance, Platform, interoperability, security, Negative, Scalability, stability, Load/Stress, Performance, Soak testing etc.
 - > Tools and simulators expertise: N2X, Adtech, Smart bits, Wire shark, Spirent etc.
 - > Automation expertise : Perl, TCL/TK, Expect, Shell scripting, VB, Ruby, Python.
 - > Test Tools expertise: LoadRunner, QTP, Jmeter, Quality Centre, Selenium
 - ➤ Management Interfaces : CLI, Web, SNMP.

Value Proposition





- Extensive test lab setup and ideal environment for testing apps dealing with highly confidential data
- Expertise in automation tools, usability, security, load testing
- Rich device bank and flexible engagement models
- Testing enhanced with ready bug fixing and development support
- Leverage mature processes and best practices
- Engagement in each level of SDLC to help identify bugs at the earliest stage
- Strict SLA based adherence to customer's business goals & objectives
- ROI-based justification through continuous cost-savings, improved productivity, better quality of service.
- Enhanced productivity & operational efficiency by Best-of-breed testing tools, techniques, standard processes,

Why RIMUS?





- RIMUS brings testing specialists to engagements, as required, to ensure proper software testing techniques are applied on an engagement-byengagement basis.
- Provide both domain and technical expertise to our clients.
- Experienced test engineers who excel in majority of the testing tools provided by market leaders, like HP Quick Test Professional, Load Runner etc. and open source tools such as; Selenium, Sahi, Apache JMeter and Open STA.
- Independent PMO that ensures all the software processes diligently follow throughout the SDLC.
- Relationships with tool vendors and knowledge of open source tools to provide the best testing solutions.
- No 'Us' and 'Them' approach but 'We' approach
- Availability of pool of resources during peak of testing activities