

Optimized Software Test Outsourcing



Software testing services provided by Software Development Technologies will create a new test group or extend your software testing capability. SDT can design, implement and execute your Unit, Integration, Functional, System, Scalability, Load, Performance, and Acceptance tests to augment your test capability or SDT can provide a comprehensive software testing team, with an automation framework, other tools and test processes to work with your developers.

The SDT software testing services:

- Improve the quality and value of your software
- Reduce costs of the total software development life cycle
- Enable timely delivery of software products and services
- Provide flexibility with the test team resources
- Improve the effectiveness and efficiency of the total software development team

Software Testing Services have increasingly been done at offshore facilities where costs are lower, but unfortunately, so is test effectiveness. Often, by the time companies recognize their software quality issues, customers have also discovered them.

Today's outsourcing model is changing. Companies have attempted to use 100% offshore resources or a combination of offshore and onsite resources as an outsourcing solution. Neither works effectively by itself. Offshore models at first appear to provide a low cost advantage, but the problems can outweigh the benefits:

- Cultural, language and time zone differences
- Lack of established processes and trained resources
- Excessive travel costs
- Higher project management costs
- Ineffective test design and automation
- Difficulty in knowledge transfer
- Vendor delivery failures (business interruptions, local outages, communication issues)
- Poor quality control
- IP risks

Without an integrated approach providing a proven, defined test process, automation framework, tools, and training, outsourcing lacks the foundation for success.

The SDT Software Testing Services Program will implement, evaluate the effectiveness of, and tune, as necessary, a model that uses a combination of offshore and onshore test centers. SDT's certified test staff will work at SDT's Offshore Test Center, at SDT's low-cost Onshore Test Center and onsite at Company location(s). "Rightsourcing" combines the positive benefits of outsourcing while mitigating the risk and providing an integrated foundation for success.

SDT creates a custom software testing program with a mix of resources from onshore and/or offshore locations designed to improve communication, knowledge transfer, and project management while minimizing travel and training costs, and cultural and time zone differences.

SDT's Onshore Test Center handles communication and manages the quality of worldwide test deliverables – this includes the management of 24X7 round-the-clock test operations. The Onshore Center also handles the primary communication to all offsite test resources.

Integrated into the Test Center concept is SDT's premier 3rd Generation Testing Methodology and Training – utilizing many years of experience in transforming and augmenting test center operations for some of the country's best known Fortune 100 companies. This experience:

- Ensures predictable software quality
- Increases probability of user acceptance
- Minimizes risks caused by project failure
- Reduces SW development & deployment costs
- Shortens time-to-market/time-to-deployment
- Increases ROI on development projects

The SDT Test Services Program complements existing skills and staffing, additionally providing:

- A right-sized, cost-effective blend of internal and outsourced testing efforts
- Onshore and/or offshore teams as needed for sensible task assignment and budgeting
- Round-the-clock, nonstop efforts that improve test coverage, timeliness and quality
- SDT-managed efforts that maintain quality, timetables, and clear communications
- Automation Frameworks like SDT's leading UTP tooling to provide Keyword Driven Testing as a Service, Quality Center including Business Process Testing and QTP implementation, or other automation options.

Key Project Deliverables of the Testing Services Program

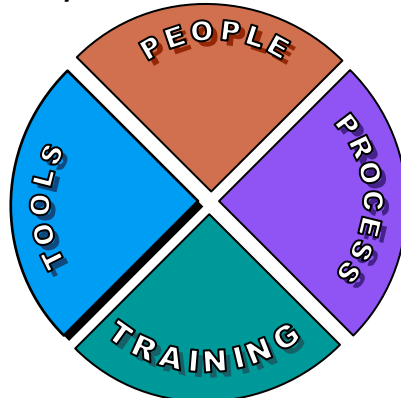
Life Cycle Phase	Test Project Phase	Possible Key Deliverables
Project Planning	Initiation	<ul style="list-style-type: none"> ■ Test Strategy Document
Requirements Analysis	Planning, Design and Automation	<ul style="list-style-type: none"> ■ Test Plan Document ■ Automation Strategy and Plan
Solution Definition		<ul style="list-style-type: none"> ■ Traceability Matrix ■ Test Cases ■ Test Case Automation Implementation
Build and Test	Execution	<ul style="list-style-type: none"> ■ Test Logs ■ Defect Logs ■ Defect Reports ■ Test Summary Report
UAT / Roll-out	Closure	<ul style="list-style-type: none"> ■ Test Metrics

Why SDT is your test services provider of choice

SDT is the partner of choice for software test services because:

- All its efforts and skills are focused on software-test methodologies, training, tooling and solutions rather than diluting its attention and talent over many subject areas
- SDT's STRW methodology is a unique, comprehensive approach based on over a decade of assessing, planning and implementing software-testing functions in small, medium, and large companies
- SDT's staff has real-world customer experience with the entire spectrum of software testing and is familiar with the widest variety of projects, technologies and environments
- SDT engagements are driven by senior consultants who average 20 years of software-testing experience, rather than by junior staff with general technology backgrounds
- SDT solutions address all the communication, security, travel and time-zone issues that are caused by offshore operations

• Strong, independent, professional testers



- *Best-of-breed, Keyword Driven, Test as a Service*
- *Minimize costs, reduce maintenance*

- *Defined end-to-end methodology*
- *Integrated with development process*
- *Integrated with test automation*

• Comprehensive skills training