



QUALITY ASSURANCE & TESTING SERVICES



In today's business climate, IT organizations must deliver higher-quality systems in less time while using fewer resources. Software testing is often the first item cut when your corporate budget is trimmed. For many large organizations, internal comprehensive software testing is too difficult to execute.

ASPEO PROVIDES A BETTER SOLUTION.

Our Quality Assurance & Testing Services provide a comprehensive set of solutions to help you achieve predictable, improved software quality levels while reducing your testing time and costs. ASPEO's Testing Services offer true independent verification and validation. Our skilled quality assurance professionals employ proven methodology that ensures testing is an integrated part of the software development lifecycle. At the same time, we quickly and efficiently identify defects.

Whether you need specific testing activities or a partner who can provide a comprehensive solution, we can help.

By taking advantage of ASPEO's competence in independent functional testing, you will benefit from fewer testing cycles and experience predictable and repeatable results.





INDEPENDENT FUNCTIONAL TESTING

Functional testing assures that your applications perform to your expectations. Our testing provides clear definitions of criticality and our routines guarantee appropriate levels of coverage. We also identify end-to-end functionality and internal interfaces.

Independent functional testing addresses the following concerns:

- **TESTING** - Does the application do what it's supposed to do?
- **REGRESSION TESTING** - Do modifications behave as intended?
- **COMPONENT TESTING** - Are subsystem components complying with specifications?
- **RISK-BASED TESTING** - Are critical business functions performed?
- **COMPATIBILITY TESTING** - Does the application work well on other platforms and configurations?

By taking advantage of ASPEO's competence in independent functional testing you will benefit from fewer testing cycles and experience predictable and repeatable results. Overall, you will enjoy lower costs because resources are better utilized. You will also appreciate access to a deep reservoir of resources, especially during peak demands.

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TESTING METHODOLOGIES & PROCESSES

ASPEO's testing services add real value because they're based on proven methodology. This means testing begins with the initiation of the product development cycle. Our processes create a path for constantly improving test activities – reducing time and effort, and improving coverage and traceability.

We realize you might already have mature testing processes in place. When we begin an engagement, we map our methodology with yours to guarantee that key deliverables are in the expected format and that our team adheres to your processes. ASPEO will always work with you and your team to identify potential improvements based on our experiences and industry best practices.

TESTING TECHNOLOGIES

ASPEO's team has thorough knowledge in methodology and practical experience in analysis, design, development and testing technology. We possess strong software development skills in numerous programming languages, databases and platforms.

Wherever possible, our engineers use automated tools to construct test cases, compile test scripts and packages, and manage test execution and results. We also use bug-tracking tools and protocols that help programmers, project managers, test engineers, customers and top managers report, diagnose and remove bugs promptly.

TOOLS

Manual & Automated Testing	Bug Tracking	Documentation & Version Control
<ul style="list-style-type: none"> • Mercury Interactive (QTP Win/Load Runner, Quality Center) • Rational Test Suite • N Unit • J Unit • Apache Jmeter • Custom Tools 	<ul style="list-style-type: none"> • Mozilla Bugzilla • Mercury Test Director/Quality Ctr • Benjamin • Star Team • PVCS Tracker • MIS (Internal Change Management and Defect Tracking System) • Integration with MS Outlook/Excel 	<ul style="list-style-type: none"> • Microsoft Source Safe • CVS • PVCS (Tracker, Version Manager)