



FORESIGHT Independent System Testing

Oculus Group LLC provides the foresight to identify and correct problems in the software or system before they become problems for the organization—employing accurate life-cycle testing from initial design through continuing performance.

Life-Cycle Testing in Enterprise Test Centers.

Oculus Group LLC provides expert support in establishing and operating agency-wide enterprise test centers, either as a quality control gate or simply to assure good system development life cycle (SDLC) practice. Before the deployment or release of software applications or computer systems, we conduct various levels of testing, from software functionality and usability to system load and stress. Your user requirements and organization objectives are our base for performing functional testing. In addition, we develop test scenarios to ensure that the application or system is able to support your business processes from beginning to end. We rate the risk of each area as high, medium, or low on a system test card and we recommend corrections for any deficiencies. Based on each specific project's needs, we also may conduct system security testing and evaluation to support your security certification and accreditation (C&A) effort, as well as other services listed below.

Computer Systems or Targeted Applications.

Whether your software application or computer system is broad in scope or narrow in focus, we apply the same technical expertise and attention to detail. Our goal is to ensure the to-be-deployed application or system is robust, complies with regulatory and agency requirements, and meets user needs.

A Snapshot of Oculus Group LLC's System Testing Services

• Accessibility Testing

Section 508 compliance support, combining automated testing tools with expert human judgment

• Functional Testing

Develop and execute test cases/test scripts, ensuring that all applications or systems perform required functions correctly

• Load and Stress Testing

Verify capability of handling large loads of data and measuring system performance and limits (stress) of throughput over a specified period

• Security Testing

Evaluate level of protection for a system's data and IT resources

• Usability Testing

Early focus on human-computer interactions, employing a quality control usability testing model

• User Acceptance Testing (UAT) Facilitation

Verify user acceptance of system/application ability to meet user and organization requirements across a targeted user group, providing a UAT plan and structure that may include the following:

-UAT framework that allows users (or customers) to test the system or application in real world situations, using simulated test cases/scenarios

-UAT process tracking, addressing issues and attitudes that may be encountered

-Determination that a system meets acceptance criteria

-Submission of full system test reports

From accessibility through UAT, our independent testing methodology is built on the foresight that can help move your mission-critical application or system from the present into the future.



INDEPENDENT INSIGHT FOR ASSESSMENT & OVERSIGHTSM

1875 I Street NW, Suite 500 Washington, DC 20006 202.429.8420 www.oculusgroupllc.com