



Geisel Software QA Expertise

Quality assurance (QA) is a key component of software development. It's a proactive activity that focuses on process development and continuous improvement, as well as defect detection and prevention. A well-developed QA process saves time and money, boosts customer confidence in your products, improves workflow efficiency, and offers a real competitive advantage. But good QA professionals can be hard to find because they require a broad set of skills including technical knowledge, communication skills, attention to detail, analytic skills, reasoning ability, and more. For over a decade, Geisel Software's experienced team has been providing exceptional QA services to deliver reliable software that performs seamlessly and meets the highest quality standards.

Capabilities

Our QA engineers utilize a full lifecycle approach to ensure quality across the product development cycle, from requirements and analysis to testing and acceptance. To ensure the highest quality end product, our software testing spans the following areas:

- Test plan creation
- Test case development
- Manual and automated testing
- Test case execution
- Bug fix validation
- Test plan reporting

Recent Projects

- Operator control user interface (UI) for bomb-defusing robots
- Firmware updater for a major robotics manufacturer
- Remote motion interface for a robotics manufacturer
- Software for multiple 3D cameras in a machine vision system
- Interactive multimedia manual for a government prime contractor
- Intravascular Ventricular Assist System for a medical device manufacturer
- Public safety drone for an enterprise-grade, edge cloud solution
- Device firmware management platform
- App-controlled robot that teaches coding
- Smart mosquito repeller system
- Pain management website for a healthcare provider and more!

Technical Skills

TOOLS

- Rational Robot
- Rational Test Manager
- Quick Test Pro
- Visual Studio
- MS Test Manager
- MKS
- Test Rail
- Selenium RC
- Zephyr scale

AUTOMATED TESTING

- Python
- C++
- Bash
- Java and more

• WEB TECHNOLOGIES

- JavaScript
- HTML/CSS
- Selenium and more

DEFECTS TRACKING

- Quality Manager
- Rational Clear Quest
- Test Director
- Rational
- MS Test Manager
- Team Foundation
- Server TFS
- MKS Integrity
- Jira

OS

- LINUX
- Windows Platforms
- UNIX
- FreeRTOS
- OS-less SOCs

RDBMS

- Oracle
- SQL
- MS