Quality Assurance (QA) & Software Testing Services

Don't get bogged down in a QA & Testing quagmire – partner with a top expert with years of experience to help you deliver applications in less time, so you can gain faster ROI and quicker time to value from your applications.

Outsource Your QA & Software Testing with Datavail

Our teams of skilled and experienced QA Engineers have performed the rigorous process of testing applications for hundreds of companies as part of the software development lifecycle process (SDLC); on a project basis; and to augment the appdev teams for companies in a wide variety of industries and capacities.

Let our teams apply our specialized skills to perform the mundane but critical QA testing while you focus on the strategy and your organization's core competencies.

- Datavail's services can be delivered in an onshore (onsite or offsite), offshore, or dual-shore model using our lab facilities or yours.

- Our testing solutions can be applied within the SDLC process or as independent initiatives in the form of "QA as a Service" or QAaaS; or "Testing as a Service" or TaaS.

- Save money by outsourcing your important QA and Testing needs – let us worry about hiring, staffing and training costs, as well as the tedious task of QA.

- Datavail has 17+ years' experience developing QA & Training teams who are incorporated within our own AppDev practice, so we are not starting from scratch. We have the knowledge, skills and learning curve to do it for you more efficiently and effectively.

Datavail's QA & Testing Services

- Test Strategizing and Planning
- Test Case Development
- Test Execution
- Functional Testing
- Regression Testing
- Load / Stress Testing

- Defect Management
- Requirements Traceability
- UAT Support
- Test Automation Scripts Development
- Automated Regression Testing
- Automated Performance Testing

- Automated Load Testing
- AODA Compliance
- Browser Compatibility Testing
- API Testing
- Device Compatibility

QA & Testing Tools We Use

- Azure DevOps for complete test management
- Selenium C# Driver – used to perform UI automation
- Lambdatest – used for Cross-browser testing
- SonarCube – code coverage

- Postman – used for API testing
- Visual Studio, JMeter Performance test tools
- API automation using HttpClient class and Newtonsoft

More About Datavail's QA and Testing Teams

- Proven experience in all aspects of QA and Testing
- SQL script development is a prerequisite for all Datavail test professionals
- Testing professionals consist of:
  - Data & Back-end Testers
  - Automation Engineers
  - Performance Engineers
  - Others, including Security and Usability

We have Turned QA & Testing into a Science

Best Practices

- Quality Roadmap
- Vision and Strategy
- Transition Plan

Methodology

- Creation
- Mentoring
- Metrics & Guidelines

Software Testing

- Test Planning
- Test Execution
- Centralized Testing
- Test Environment Setup
- Scheduling & Planning

Why Datavail for QA & Testing Support?

- Each of our QA team is capable of both manual and automated testing
- Our QA & testing teams have high availability as they are geographically distributed across the globe
- We are ISO 27001 compliant
- Our QA & testing teams employ an agile SCRUM approach along with defined QA processes and periodic audits
- We utilize Azure DevOps for complete test management

Types of QA & Testing We Perform

Automated testing

- Automated functional testing with Selenium
- Performance/ load/ stress testing with Microsoft technologies

Manual testing

- Functional testing
- Non-functional testing
- Cross platform testing
- Cross browser testing
- Multilingual testing
- Accessibility testing
- User experience testing
- Deployment verification
- UAT support / client training

Defect elimination / process QA

All of Our Experience and Expertise Equates to

- Established standard metrics
- Higher quality
- Effort saved through automation

- Faster onboarding and reduced training
- Better flexibility
- Established methodology, processes and standard templates

Benefits of QA & Testing

Helps companies make money

Whether it's your employees and partners using your applications for important business processes, or customers using them to do business with you, making sure that your application systems work helps keep the revenue flowing.

Maintains credibility

If you release applications that are faulty and bugging, then the rest of your organization's initiatives and your reputation become suspect as well.

Saves organizations money

If an application is released that doesn't function properly, and even worse, if there are critical issues with it, that down time costs money in worker productivity, customer sales and also higher costs in needing to fix it or go back to the drawing board, also losing you ROI.

Enhances employee efficiency

When business processes work quickly and smoothly, then employees will be more productive without needing to stop and get someone to fix the problems in the software.

Makes customers happy

When a company is easy to do business with, and systems and processes are easy to use, customers will want to do business with you again.

Helps avoid bad experiences

Bad user experiences hurt organizations in multiple ways, and performing quality assurance testing before an application launches to make sure it performs the way it is supposed to helps maintain a company's revenue, credibility, efficiency and productivity, and saves money.