

# Overview of QA Software Testing Services in South Africa

## Why use QA Software Testing Services?

QA Consulting Services provides specialised testing services in South Africa. This includes testing staffing, consulting and training services.

As more and more organisations become globally competitive; they focus more on core business. Outsourcing testing and other non core functions of your organisation becomes a viable option. QA is a leader in providing suitable **testing services and test consultants** to help manage your testing efforts.

## The Benefits of QA Software Testing

Using QA Software Testing services will give you the following benefits:

- ⊙ QA testers will provide the **independent appraisal** necessary for quality software systems.
- ⊙ More **usable systems** for end-users.
- ⊙ More **secure systems** and applications.
- ⊙ **Reduction** of software **failures**.
- ⊙ **Reduction of risk** regarding mission critical software systems.

### Software Testing Services:

- ⊙ Software testing consulting services.
- ⊙ Outsourced testing services.
- ⊙ Software testing staffing services.
- ⊙ Software testing training services.
- ⊙ Test Process assessments.

**Skilled & experienced testers are up to 80% more effective in finding errors in software.\***

\*IBM Research shows that independent testing & inspections can detect up to 80% more errors.

## Software Testing Consulting Services

### Complete Outsourcing Services

QA resources takes responsibility for the managing and testing of your software projects in the following areas:

- ⊙ System testing.
- ⊙ Automation & Performance testing.
- ⊙ Test planning, management & test execution.

**We provide and manage the testing resources & you control the outcomes.**

This is a guaranteed and proven method of testing services for our corporate clients.

### Partial Outsourcing Services

QA provides suitably qualified contractors for fixed term contracts in the following roles:

- ⊙ Software Testers.
- ⊙ Test Analysts & Automation Testers.
- ⊙ Test Managers.

**We provide the testing resources and you manage & control the outcomes.**

The client manages their own projects with the assistance of our skilled resources on their projects and work efforts.

## Software Testing Staffing Services

Skilled testers are supplied for outsourced testing services in the following roles:

### Software Testers

Skilled software testers are essential for good software test design and test execution.

Research suggests that experienced & independent software testers are more effective in finding defects than users or “casual” testers. Software testers typically perform the following tasks:

- ⊙ Reviewing the development deliverables.
- ⊙ Creating test cases and tests.
- ⊙ Executing the test cases and tests.

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## Test Analysts

Test analysts are more experienced than software testers and provide in-depth test analysis and design of test cases. They perform the following tasks:

- ⊙ Reviewing the development deliverables.
- ⊙ Creating test cases and tests.
- ⊙ Executing the test cases and tests.
- ⊙ Reviewing development artefacts for testing.
- ⊙ Comprehensive test design for the system under test.

## Test Managers

Skilled test managers are essential for ensuring the system is tested sufficiently. They also manage the risk associated with developing systems. Test managers typically perform the following tasks:

- ⊙ Planning for testing by estimating and creating test planning documents.
- ⊙ Managing testing resources for optimal testing.
- ⊙ Manage the test execution and report the test results.

**Test managers plan, coordinate and ensure that a system is adequately tested.**

## Test Specialists

The test specialist can assist your organisation in of the following ways:

- ⊙ Measuring test processes for improvements.
- ⊙ Developing specialised solutions for your internal (testing) organisation.
- ⊙ Managing a team of test managers.
- ⊙ Managing ad-hoc testing project services.
- ⊙ Implementing testing improvements & quality processes.

**Test specialists help improve test processes within an organisation.**

## Software Testing & QA Training Services

QA Software Testing Training is outcomes based. The training helps develop capable testers at all levels. Listed below are the relevant training offerings.

Training Courses & Certifications	Duration
Software Testing Fundamentals	3 days in the classroom.
Test Design	3 days in the classroom.
Test Planning	3 days in the classroom.
Test Management	4 days in the classroom.
ISEB Foundation® Certificate Exam Study Course	3 days in the classroom.
Certified Associate in Software Testing (CAST®) Exam Study Course	3 days in the classroom.
Certified Software Tester (CSTE®) Exam Study Course	5 days in the classroom.
Certified Manager of Software Testing (CMST®) Exam Study Course	5 days in the classroom.
Certified Software Quality Analyst (CSQA®) Exam Study Course	5 days in the classroom.

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## Software Test Process Assessment Services

### Partial Test Process (Assessment)

QA test specialists will review your test process and provide measurements and data:

- ⊙ Software testing process baseline.
- ⊙ Footprint of recommended improvements.
- ⊙ Recommendations on tester efficiencies and test process development.

### Comprehensive Test Process (Assessment & Implementation)

QA test specialists will review and help improve your test process by providing QA & testing improvements in the form of:

- ⊙ Software testing process improvements.
- ⊙ Improve tester competencies.
- ⊙ Improve testing organisation & capabilities.

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[www.qualityassuring.co.za](http://www.qualityassuring.co.za) *Comprehensive Software Testing Services: Staffing & Training*

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