

## ***Verification Testing with SilkTest 7.5 (Basic Level)***

**Duration:** 4 days full time

### **Course Contents**

#### **Verification Testing with SilkTest**

A great introduction to the true power of SilkTest designed for those who want to take their verification testing capabilities to a higher level. Learn how to organize and manage your verification tests using the test planning tool. Use SilkTest recorders to transition from manual to automatic testing. Utilize SilkTest's 4Test scripting language for verification testing and enhance your test case functionality using branching and looping statements. In just a couple of days, you'll be able to plan and validate tests against your application and report your test results to upper management.

#### **Who Should Attend**

QA project leaders and testers, analysts, engineers and supervisors who need to develop a working knowledge of Borland/Segue's testing methodology and recorders to test web or client-server applications. Also, those who want to capitalize on the benefits of utilizing the 4Test scripting language in their tests.

#### **Prerequisites**

To succeed fully in this course, you must be able to:

- ✓ Navigate a GUI environment
- ✓ Use a web browser
- ✓ Test web or GUI applications (manually)
- ✓ Use structured programming and scripting techniques

#### **Skills Gained**

Upon completion of this course, you will be able to:

- ✓ Organize and manage verification tests using the test planning tool
- ✓ Create a frame file with window declarations, which serves as the central repository for information about the application under test
- ✓ Apply a variety of techniques used in QA testing
- ✓ Create reports to chart the testing effort
- ✓ Use variables within test cases to increase reusability and maintainability
- ✓ Branch test execution or repeat an operation until a condition is met within a test
- ✓ Create functions to perform repeated or complex actions

- ✓ Drive tests with data stored in test plans, files, and databases

## ***Advanced Testing with SilkTest 7.5***

**Duration :** 4 days full time

### **Course Contents**

#### **Description:**

This course is designed for the user who needs to apply the object-oriented benefits of the 4Test language to:

- Declare new window classes.
- Store test data within its object declaration.
- Write new methods and verification properties.
- Utilize advanced window declarations.
- Test non-standard (custom) objects.
- Develop an API for supporting custom objects.
- Apply advanced class mapping techniques.
- Access unseen objects using low-level events.
- Test Java and Visual Basic objects.

#### **Who Should Attend:**

QA developers and project leaders who want to maximize their automated testing abilities.

#### **Prerequisites:**

***Course participants should be able to:***

- Employ all standard SilkTest functionality covered within the Verification. Testing with SilkTest course.
- Read and write object oriented programming code.
- Test web or GUI applications.
- Read and write 4Test functions and constructs

**Skills gained:**

Upon completion of this course, you will be able to:

- Enhance window declarations and associate test data directly with object declarations
- Create and use user-defined classes, methods, and verification properties
- Develop APIs and services for custom objects such as Grids or TreeViews
- Map custom classes to known 4Test classes
- Declare unseen objects by their relative or absolute location
- Use secondary visual clues to assist in testing graphical custom objects
- Drive applications with low-level mouse and key events
- Create user-defined methods for custom objects and classes to enhance their testability
- Configure Visual Basic and Java environments and hook into external code.
- Test Java and OLE objects by accessing their native methods and properties.