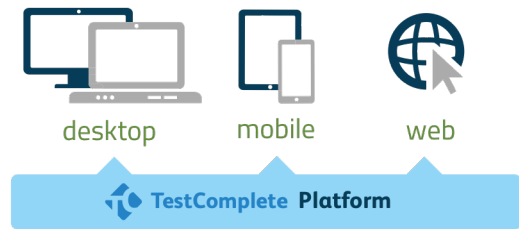# Automated Tests for Desktop, Web, and Mobile Apps at the Graphical User Interface (GUI) and API Layer.

Testing capabilities in TestComplete are powered by TestComplete Platform. The open and flexible architecture of TestComplete Platform allows you to achieve the following across desktop, mobile, and web testing:

desktop   mobile   web

TestComplete Platform

Speed Time to Delivery

Start creating tests using record and playback feature of TestComplete Platform. Tests are recorded at the object level, and thereby they don't fail when GUI changes or when controls are resized. Testers can even create tests in multiple languages: Python, JScript, VBScript, DelphiScript, C++ Script, C# Script.

Reduce Testing Costs

Reduce not just your initial investment cost, but also achieve long term saving on test maintenance and support. Purchase desktop, web, and mobile licenses separately – no need to pay for modules that you don't use.

Improve Release Quality

TestComplete Platform gives you an access to internal objects, methods, and properties of an application. This allows you to achieve testing speed and create robust tests across desktop, mobile, and web. A variety of built-in checkpoints help you perform verifications without writing custom code.

Perform Continuous Integration

Out of the box plugin for Jenkins available. Integrations with source control systems like Git, Subversion, and Mercurial as well as defect tracking tools such as JIRA and Bugzilla are also offered. SmartBear's test management solution QAComplete is fully integrated with TestComplete Desktop, Web, and Mobile. Integrations with IDEs such as Microsoft Visual Studio 2015 are provided for test authoring.

Key Features of TestComplete Platform

- Create tests in multiple scripting languages
- Test recording with screenshots
- Support for Windows 10
- Visual Studio 2015 integration
- Keyword driven and scripted testing support
- Support for unit testing
- Execute tests on cloud and virtual platforms
- Extend TestComplete Platform using plugins
- Data-driven testing
- Create custom checkpoints
- Integrate with Ready! API and SoapUI

TestComplete Desktop

TestComplete Desktop allows you to test a variety of desktop applications. It even provides built-in support for testing third-party controls such as Developer Express, Telerik, Microsoft, JavaFX among others.

Key Features of TestComplete Desktop

- Windows Store app testing
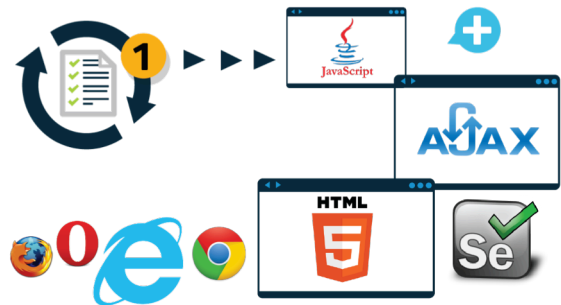- WPF testing
- Visual C++ testing
- .NET application testing
- Chromium Embedded Framework support
- Delphi, Qt, and Java support

TestComplete Web

TestComplete Web helps you create automated GUI and functional tests for websites, web apps, and mobile web applications. You can not only recognize individual elements on web pages, but also access internal methods and properties of a page.

Key Features of TestComplete Web

- Support for Chrome, Firefox, IE, and Opera
- Cross-Browser testing
- Test dynamic content - HTML5, AJAX, and JavaScript
- Add, run, and report on Selenium WebDriver tests
- Use screenshots to debug Selenium scripts quickly
- Test multiple mobile web apps using one test

TestComplete Mobile

TestComplete Mobile automates testing of your native, web, and hybrid mobile applications. Test on multiple devices without changing your tests, leveraging full access to application internal objects and methods.

Key Features of TestComplete Mobile

- Test native, hybrid, or web iOS and Android apps
- Frameworks such as WebView, PhoneGap, Apache Cordova supported
- Automatic instrumentation for iOS and Android apps
- Access real device data like Wifi to create robust tests
- Support for iOS 6 through 8 and Swift
- No need to jailbreak your phone or tablet
- Run tests on real devices as well as emulators
- Record repeatable and consistent mobile gestures

SMARTBEAR

About SmartBear Software

SmartBear is the choice of more than two million software professionals and over 25,000 organizations in 90 countries that use its products to build and deliver the world's best software applications. SmartBear's user-centric application management solutions support key software delivery processes of development, testing, API readiness, and application performance management across desktop, web, and mobile platforms. Get started at www.smartbear.com.