



Virtual Simulation Engine
Graphical User Interface
Automated Test Solution

vBiz.GUI

SIMULATION BSS²™ → VIRTUALIZATION BSV™ → LAB AUTOMATION BSLA™ → GOVERNANCE BSG™

OVERVIEW

vBiz.GUI is a unique, leading edge software service platform. vBiz.GUI configured with industry standard software provides an extremely powerful complementary solution to enable truly, *script-free*, user-interface functional and regression testing and also realizes the related benefit of fully *re-usable* tests as your application changes.

HOW vBiz.GUI BENEFITS YOUR BUSINESS

A Completely Script-Free Approach

Today, every industry and information technology department experiences software quality and testing issues.

This unwanted software test challenge is very complex and to implement today requires the extensive development of test data and test scripts. In fact, this test data and test scripts are often so difficult to maintain and manage, that they require "at least" the same level of effort as the underlying code development ... a very unproductive use of time for valuable developer and tester resources.

Today's record/replay tools and other approaches such as keywords, macros, and function calls, only address half the problem. Simply put, these tools provide an easy way to record or build the first instance of a test script; but, do not effectively address ongoing regression and maintenance of the ever-growing number test scripts.

As a result, many script-based tools are simply left "on-the-shelf" or avoided entirely.

The vBiz.GUI solution addresses these issues cleanly and effectively with a fully defined and supported service and software platform solution that can be incrementally improved and maintained over time:

THERE ARE NO SCRIPTS, NO KEYWORDS, NO MACROS...just an intelligent ENGINE.

vBiz.GUI USER INTERFACE TEST SOLUTION

A sophisticated, minimally-disruptive, fully-managed user interface test service using our vBiz.GUI software.

Interface Support:

- Graphical and User Interfaces
 - Web Services, Windows Applications
 - Web Browsers
 - Internet Explorer, Firefox, Netscape
 - .NET, Java/J2EE
 - SAP, Siebel, Oracle, Peoplesoft
 - Visual Basic, Active X
 - Mainframe Terminal Emulators

vBiz.GUI SOFTWARE COMPONENTS:

- vBiz Encapsulation Engine
- TAG Test Architecture Group
 - A TAG comprises:
 - the **Logic** contained in the Actions
 - the **Objects**, in the Object Repository, describing the objects of each screen
 - defined **checkpoints**
 - the **spreadsheet**, or **data-table**, corresponding to the **actions** in the TAG
 - a proprietary **Roadmap** describing how to **navigate** through the application at runtime

A SIMPLE CHALLENGE:

- 1) Take one of your script experts and build a script that does **SOMETHING** ... you go ahead and choose!
- 2) Then let us **demonstrate** how we build the same test.
- 3) Now **compare** the following ... we can demonstrate fifty (50) other test scenarios which navigate thru different screen sequences ... can your expert's script do that **WITHOUT** changing the script? ... no one has yet been able to beat this **challenge!**