

Login AT for Bulk Application Compatibility Testing

Lower cost of operation dramatically through fully automated testing of large numbers of applications. Introducing the virtual user technology from Login VSI.

Large organizations typically have hundreds or even more applications running on their Microsoft Windows platform. Prudent organizations require a compatibility test for every application after every upgrade or other change in the relevant infrastructure (hardware and software).

A constant flow of changes grows the need for application compatibility verification:

- New / update Operating System / patch releases
- Including a new Windows 10 build every 6 months
- Hardware changes / Configuration changes
- Firmware revisions
- Database / Data Center migrations
- Memory upgrade for servers
- Mail server upgrades
- Security patches

To cope with the huge challenge to keep all applications working after every change done, organizations had to rely on costly internal or outsourced "testing armies" or on outdated software tools that they consider hard to use and are often unreliable in their reporting.

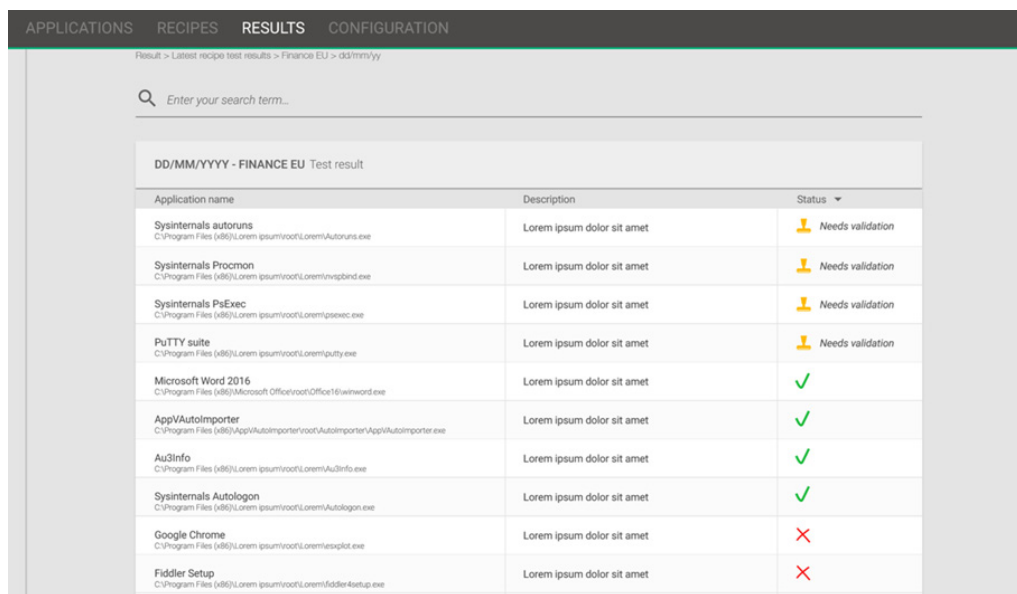
Introducing Login AT for Bulk Application Compatibility Testing

- Login AT is a Login VSI virtual user based software solution to automatically health-check large numbers of applications
- Login AT automatically starts all available applications and verifies that they start successfully (using first screen comparison)
- Login AT replaces labor intensive manual checking of applications before/after releases of new Vdisks/ images, or any other potentially compatibility disturbing change
- Login AT works well in any type of Windows environment, physical or virtual

A large company in Europe with over 3500 applications estimated total cost of testing at about 100 euro per test/per application. This brought yearly testing cost (1 sensitive upgrade a month) to a yearly application testing budget of over 4 million euro. The automation of the complete testing process with Login AT not only reduced the cost dramatically, but also increased the quality and consistency of the testing process, while saving time and effort.

Test large numbers of applications in four simple steps

1. Creating lists of application to be tested and logically organizing them in 'recipes' is very easy (application binaries do not need to be imported/installed in VA). Recipes are groups of applications you organize by role, department, geography, or other
2. As a baseline a screenshot is made of every application after startup, which is then stored in a database for reference. This step is needed only once for every application.
3. After every change that needs verification, Login AT automatically checks all applications. In every test every application is automatically started and a screenshot is made and compared with the initial screenshot in the database, so to verify successful startup.
4. A dashboard shows a 'match' or 'fail' report for each 'recipe' and for each individual application. Necessary mitigation efforts are now easy to focus on the right applications.



The screenshot shows a web interface with a navigation bar containing 'APPLICATIONS', 'RECIPES', 'RESULTS', and 'CONFIGURATION'. Below the navigation bar, there is a search bar with the placeholder text 'Enter your search term...'. The main content area displays a table titled 'DD/MM/YYYY - FINANCE EU Test result'. The table has three columns: 'Application name', 'Description', and 'Status'. The 'Status' column contains icons and text indicating the test result for each application.

Application name	Description	Status
Sysinternals autoruns C:\Program Files (x86)\Lorem\ipsum\root>Lorem\autoruns.exe	Lorem ipsum dolor sit amet	Needs validation
Sysinternals Procmon C:\Program Files (x86)\Lorem\ipsum\root>Lorem\ipspbind.exe	Lorem ipsum dolor sit amet	Needs validation
Sysinternals PsExec C:\Program Files (x86)\Lorem\ipsum\root>Lorem\ipsexec.exe	Lorem ipsum dolor sit amet	Needs validation
PuTTY suite C:\Program Files (x86)\Lorem\ipsum\root>Lorem\putty.exe	Lorem ipsum dolor sit amet	Needs validation
Microsoft Word 2016 C:\Program Files (x86)\Microsoft Office\root\Office16\winword.exe	Lorem ipsum dolor sit amet	✓
AppVAutoImporter C:\Program Files (x86)\AppV\AutoImporter\root\AutoImporter\AppV\AutoImporter.exe	Lorem ipsum dolor sit amet	✓
Au3Info C:\Program Files (x86)\Lorem\ipsum\root>Lorem\Au3Info.exe	Lorem ipsum dolor sit amet	✓
Sysinternals Autologon C:\Program Files (x86)\Lorem\ipsum\root>Lorem\Autologon.exe	Lorem ipsum dolor sit amet	✓
Google Chrome C:\Program Files (x86)\Lorem\ipsum\root>Lorem\chrome.exe	Lorem ipsum dolor sit amet	✗
Fiddler Setup C:\Program Files (x86)\Lorem\ipsum\root>Lorem\fiddler4setup.exe	Lorem ipsum dolor sit amet	✗

The Login VSI Managed Services Edition Top 5 Benefits:

- Reduce cost of compatibility testing dramatically
- Increase test frequency through automation
- Improve test outcomes (over manual testing)
- Centralize reporting (over manual testing)
- Handle different starting pages by "Learning" application idiosyncrasies

For more information about how the virtual user technology of Login AT can increase the quality and consistency of your bulk application compatibility testing process, while dramatically lowering cost, please email info@loginvsi.com.

Login VSI, Inc.
300 Tradecenter
Suite 3460
Woburn, MA 01801
Phone: +1 844-828-3693

Login VSI B.V.
De Entree 85
1101 BH Amsterdam
The Netherlands
Phone: +31 20 705 1200

