

SELENIUM BOX

On-premises Enterprise Selenium Grid

Built for security, scalability, performance and ease of maintenance

Trusted by sophisticated enterprises around the world

Selenium Box the leading, managed Enterprise Selenium Grid infrastructure runs securely behind your firewall or in your private cloud.

Selenium Box is built for enterprises with high security, scalability and performance needs. It is maintenance free and helps organizations to simplify their on-premises Selenium and Appium infrastructure for cross browser and mobile tests.

The diagram illustrates the Selenium Box Enterprise Selenium Grid architecture. At the top right is the logo for ELEMENT34 SOLUTIONS. The central focus is a blue square labeled 'Selenium Box Enterprise Selenium Grid' containing various browser and mobile device icons. To the left of this square is a list of supported tools and frameworks: Protractor (with subtext 'end to end testing for AngularJS'), TestCafé, Ranorex, Jenkins, TRICENTIS, Bamboo, Visual Studio, eclipse, and cucumber, followed by 'and many more...'. To the right of the central square are icons representing server infrastructure, including a stack of servers, a desktop computer, and another stack of servers.

The universal Selenium / Appium

browser and mobile infrastructure

On-premises & secure



Selenium Box is installed behind your firewall on your servers or in your private cloud. No tunnels or external access required.

Maintenance-free



Selenium Box always has up to date browsers and mobile devices. We pre-test all browsers for functionality and compatibility before making them available for Selenium Box.

Performance & scalability



Selenium Box is built for scale. The system grows with your needs - from an entry solution to a supercharged central CI / CD continuous testing infrastructure for sophisticated enterprises.

Browsers



Chrome, Firefox, Firefox ESR, Internet Explorer, Edge, Safari are supported in the most recent and all previous versions.

Mobile / Appium



Mobile web, native apps and hybrid apps for Android and iOS are supported via standard Appium.

Videos



Take videos of your tests for better analysis and more transparency of your test runs.

CI / Continuous testing



Built for use in a CI / CD environment, Selenium Box is at the heart of your CI pipeline. Run as many tests in parallel as you want. Seamless integration with any common CI system (i.e. Jenkins, Bamboo etc.).

Enterprise access control



You may have a large variety of users who access Selenium Box. We give you fine grain control over access rights. We also seamlessly integrate with identity management systems like LDAP, Atlassian Crowd etc.

Run tests from anywhere



Selenium Box is designed to be the central execution environment for your enterprise's desktop browser and mobile tests. Run tests from any source that supports Selenium or Appium.

Manual testing



Start browsers and mobile devices for manual testing. Recreate bugs easily and have access to browsers that are not installed on your local machine.

Rights management



Assign roles and permissions to individuals and groups. Control who can access the Selenium Box system.

Project Management



Set up projects that reflect your organization. Add individual users or whole teams. Get real time usage data as you need it.

Professional Services



We understand that as an enterprise you have complex and unique environments. That's why we support you all along the way with professional services and custom feature implementations when you need them.

Reporting & Monitoring



Advanced reporting for system usage, monitoring tools and integrations are available. Screenshots, videos and live debugging capabilities simplify automated testing throughout the entire lifecycle of the application.

24 x 7 Enterprise Support



We know how important it is to get instant resolution in case you encounter any issues with your automated testing infrastructure. We provide around the clock support for all global regions.

Concurrency control



Control test concurrency and set quality of service parameters on an individual, team and project level.

Live view & debugging



Set a breakpoint in your code and debug your test in real time. Selenium Box provides superior debugging and live testing capabilities.

Local testing



Test your application directly on your developer machine. No tunnels etc. are required because Selenium Box is already running in your company infrastructure.

Browser developer tools



Use the built in developer tools of the browsers. Deep dive into your test while running the developer tools to pinpoint those complex issues.

Framework agnostic



Run tests from any source. You are not tied to a specific vendor framework or toolset. Selenium Box supports the standard Selenium and Appium protocol and API.

Browser interaction



Manually interact with browsers while your tests are running. Selenium Box supports manual access to all browsers.

Enterprise Proxy support



Simplified configuration of company proxies for your automated tests. Centrally manage the proxy configurations so you don't have to do it in your tests.

On-premises
Maintenance free
Secure
Highly scalable
Lightning fast

About Element34 Solutions GmbH

Element34 is the leading provider for on-premises Selenium Grid infrastructure. The company founders and employees are key contributors and thought leaders to Selenium.

Element34 Solutions was founded in 2015 and has a global customer base. We are headquartered in Switzerland with offices in Lachen, Switzerland and Berlin, Germany.

The company's flagship product Selenium Box is geared towards enterprises with high security, scalability and performance needs. Selenium Box is maintenance free and helps organizations to simplify their on-premises Selenium and Appium infrastructure for cross browser and mobile tests.



Element34 Solutions GmbH
Teichweg 8
CH-8853 Lachen
Switzerland

Email: contact@element34.com
Web: <https://seleniumbox.com>
Twitter: @e34solutions

© 2018 Element34 Solutions GmbH. All rights reserved. This document contains information proprietary to Element34 Solutions GmbH. Selenium Box is intellectual property of Element34 Solutions GmbH. Other products mentioned herein may be the trademarks of their respective owners.

