WARATEK
ELEVATE

DATASHEET

Automate Legacy Java Application Modernization

Consolidate compliance and security with legacy application modernization

Overview

More than 74% of enterprises are aggressively starting legacy modernization projects to adopt modern cloud platforms and reap the benefits they provide. However, rewriting thousands of applications for modern architectures - or replacing them outright - is cost and time prohibitive, whereas opting not to can introduce an overwhelming number of vulnerabilities that will never be patched.

Waratek Elevate provides legacy modernization automation for extending the life of your existing applications without touching code or DevOps reliance.

Elevate allows security teams to package your legacy applications in a portable, infrastructure-agnostic container enabling you to take advantage of whatever infrastructure innovation comes next while meeting compliance and industry standards.

Benefits

- No source code changes
- Refresh your legacy platform
- Ultra-low performance overhead
- Automatically apply Java Critical Patch Updates
- Refresh your legacy platforms like Apache Tomcat and Weblogic
- Virtual upgrade to current JVM

Extend Application Lifetime

Get the most out of your investment & digitally transform your organization while removing the risk of migrating.

Ultra-Low Performance Impact

Run your applications on more up-to-date platforms and experience either an ultra-low impact or an improvement.

No-Code Upgrades

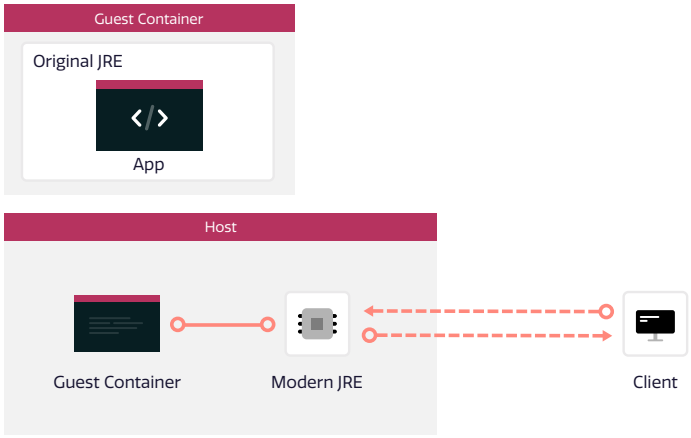
Virtual upgrade your out-of-support applications without the need for code changes, downtime or extra headcount.

> "Upon restart we had instant modernization of the out-of-support JRE to a Java 8 JRE and instant protection from the vulnerabilities identified in the pre-scan."
>
> – Fortune 100 CISO

How it Works

Waratek Elevate wraps the entire application stack, including the original JRE, in a guest container running as a servlet on the host machine.

The host machine maintains an up-to-date version of JRE that the client machine communicates securely with either ultra-low performance impact or, in specific scenarios, a performance increase.



Technical Requirements

Requirement	Notes
Java Vendors	• Oracle Hotspot • OpenJDK • IBM J9 • Amazon Corretto • JRockit
Java Versions	• Host: 7, 8, 11 • Guest: 4, 5, 6, 7, 8

Technical Specs

Feature	Notes
Agent Size	3MB
CPU Utilization	< 5%
Memory Utilization	25MB
Network Utilization	Negligible at scale

See first hand how Waratek can help you

Immutable Security
Say goodbye to regressions after deployments. Once your policy is defined, no code added to the codebase can supersede the policy.

Deployment Agnostic
Securing your runtime instead of your codebase or CI/CD pipeline enables critical patches to be applied instantly instead of during the next deployment window.

Economically Scalable
Remove the toil of false positives and long feedback loops between security and engineering to transform the economics of AppSec.

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