



Automate Legacy Java Application Modernization

Breathe new life into legacy applications by virtually patching out-of-support JVM versions without touching code.

Overview

More than 74% of enterprises are aggressively starting legacy modernization projects in order 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 to not 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 the ability to package your legacy applications in a portable, infrastructure-agnostic container allowing you to take advantage of whatever infrastructure innovation comes next while meeting compliance and industry standards.

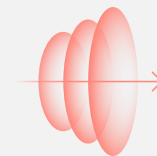
Benefits

- 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 headcount



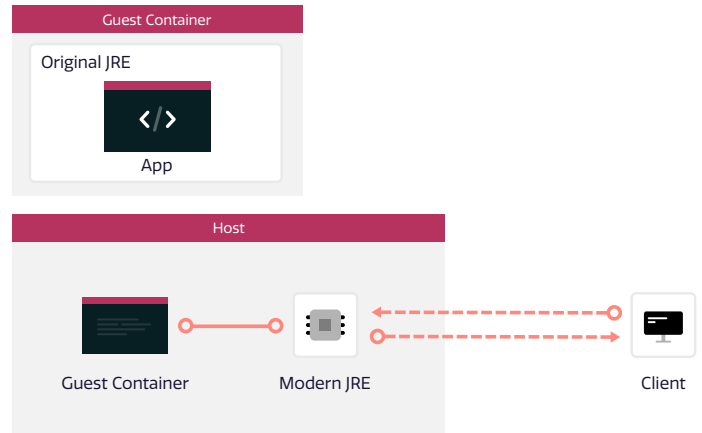
Upon restart we had instant modernization of the out-of-support JRE to a Java 8 JRE and instant protection from the vulnerabilities identified in the pre-scan."

– 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 then communicates with securely with either ultra-low performance impact or, in specific scenarios, a performance increase.



Technical Requirements

Requirement	Notes
Java Vendors	<ul style="list-style-type: none"> • Oracle Hotspot • OpenJDK • IBM J9 • Amazon Corretto • JRockit
Java Versions	<ul style="list-style-type: none"> • 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

Let us show you first hand how Waratek can help you with:

Autonomous Protection

Fix known and unknown vulnerabilities in real-time without a single code change

Virtual Patches

Virtually upgrade applications without code changes, vendor patches, or downtime

Removing Security Gaps

Engrain protection within the DNA of your apps instead of relying on protection that sits on top allowing attacks to slip through

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