

# Rimini Street®

Engineered for Support™

## Rimini Street Advanced Application and Middleware Security

Deep-level security for Oracle applications and middleware



### Solution Overview

The Oracle Critical Patch Update (CPU) model is evolving. In our experience, CPUs or security patches are often incomplete, late to be published and slow to be applied, leaving enterprise systems vulnerable for months – sometimes even years.

In fact, a recent global survey of more than 504 CIOs and CISOs found that “81% of respondents admit they have refrained from implementing an important security patch” because of its impact on business operations.

Relying on outdated CPU models can lead to a false sense of security, and additional challenges may include:

- **Operational burden** – The time, cost and risks of incident management and applying traditional vendor security patching leads many organizations to delay or forego applying some or all patches – often leaving systems vulnerable.
- **Limited scope** – Oracle Security patches don’t address all vulnerabilities and do not provide protection against unknown vulnerabilities.
- **Delayed timing** – Security update gaps are increasing – time between vulnerability disclosure and exploitation is narrowing - so most cyber-attacks happen before a patch is released by the vendor.
- **Java SE Public Updates Ending for Commercial Users** – Java SE 8 has gone through the end-of-public-updates process for commercial users. These updates are no longer free.

Rimini Street Advanced Application and Middleware Security (AAMWS) is a next-generation security solution that protects Oracle applications and middleware, delivering real-time protection from Zero-Day attacks.

Based on intelligent instruction-based rules language that works at the “just-in-time” compiler of an application, AAMWS remediates patterns of common weakness enumeration (CWE) found in byte code at the byte-stream level. Unlike many vendor manual methods of patch application, this automated precision pattern intelligence is as extremely fast as it is effective.

### Key Capabilities

#### Deep-Level Security with Zero-Day Protection

- For Oracle EBS and Oracle middleware
- Instant application modernization
- Delivered by a dedicated support engineer

#### Abstract Rule Modeling Runtime (ARMR) Technology

- Security controls provide continuous monitoring and protection
- Works at the (Java/code/binary) runtime of an application to remediate common vulnerability and exposure (CVE) and CWE patterns
- Automatic security hardening with full forensic data

#### Options to Support Oracle Java

- Modern containerization approach
- Mitigates security, compliance and interoperability challenges

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Operational productivity is improved with Zero-Day vulnerability protection for the most common vulnerabilities and protection against vulnerabilities for which a patch often would be included in Oracle Security patches.

## Solution Benefits

- **Deeper Security:** offers protection against CVEs and CWes.
- **Improved automation:** protects against both known and unknown vulnerabilities, with real-time detection of patterns that indicate exploitations of weaknesses.
- **Faster to deploy and maintain:** does not require prerequisite code updates, extensive regression tests or downtime on production systems. Reduced false positives allow you to focus on real attacks, with minimal performance impact.
- **Protection for all releases:** includes older releases no longer supported by Oracle. No need to implement major upgrades just to receive security fixes
- **Flexible Java support:** applications continue to run on Java releases without forced upgrades or interoperability problems with your legacy code.

*“I would not hesitate to reach out to the Rimini Street Global Security Services team again. They were quickly able to identify the problem and lead us to an effective solution that mitigates Java deserialization with WebLogic.”*

**- Jeff Bell**

Chief Information Security Officer  
CareTech Solutions

## Why Rimini Street

We deliver unparalleled support because our people are highly-skilled engineers dedicated to ensuring that you receive exceptional value and customer service every day. Our premium third-party support services enable you to optimize existing enterprise software investments, extend current capabilities to leverage hybrid IT, and transform your business to a digital enterprise with help from intelligent and agile technology roadmaps.

## Worldwide Headquarters

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