AI Native AppSec Platform:
Mend Renovate Enterprise
Scaled dependency updates, for AI development

The Challenge

Keeping your dependencies up to date is one of the easiest ways to reduce technical debt and improve software security. However, manually tracking and updating dependencies can be incredibly tedious and time-consuming. As applications scale faster with AI development, the need for continuous maintenance, combined with the growing number of dependencies in use, can introduce fragility challenges for organizations, particularly as outdated components pile up technical debt.

The Solution

Mend Renovate Enterprise, a key part of Mend.io's AI Native AppSec Platform, automatically identifies outdated dependencies and suggests updates, ensuring your project stays current. Mend Renovate Enterprise is designed to scale as you develop applications with AI, removing bottlenecks and allowing developers to stay focused. Merge Confidence ratings and workflows provide insights into the safety of each update, helping you pinpoint potential issues and confidently streamline the update process. Whether you use it as part of the Mend AppSec Platform or standalone, Mend Renovate Enterprise streamlines dependency updates and supports mature AppSec programs, using AI.

How Mend Renovate Enterprise Works

1. Mend Renovate Enterprise scans repositories to detect dependencies.

2. It checks whether newer versions of dependencies exist.

3. When newer versions are found, it raises a pull request for the available update.

4. Each pull request contains Mend.io's proprietary package data, which includes release age, package adoption rate, crowdsourced test passing rates, and a Merge Confidence rating that lets your developers know the likelihood the update will pass without causing breaking changes.

5. Merge Confidence workflows automatically group confidence updates, allowing you to quickly approve updates that have passed a large number of tests and seen high adoption rates.

This PR contains the following updates:

Package	Change	Age	Adoption	Passing	Confidence
eslint-plugin-promise	6.0.1 → 6.1.1	1y	35%	99%	very high

With Mend Renovate Enterprise, You Gain...

Automated dependency updates

Improve development efficiency and decrease technical debt with updates delivered right to the repository, for more stable AI powered applications.

Merge Confidence ratings

Prevent breaking changes with Merge Confidence ratings that tell you the likelihood an update will pass without breaking your application.

Merge Confidence workflows

Intelligently group and even merge high-confidence dependencies updates, reducing the burden on your developers as they build with AI.

Increased scalability

Scales to scan all your repositories efficiently, maintaining speed even as your organization and AI applications grow in size.

Reduced technical debt

Scalable automation for dependency updates minimizes technical debt by ensuring dependencies are current across all repositories.

Dedicated support

Our dedicated support team is always ready to help, ensuring that you get the most out of Mend Renovate.

Why Mend.io's AI Native AppSec Platform?

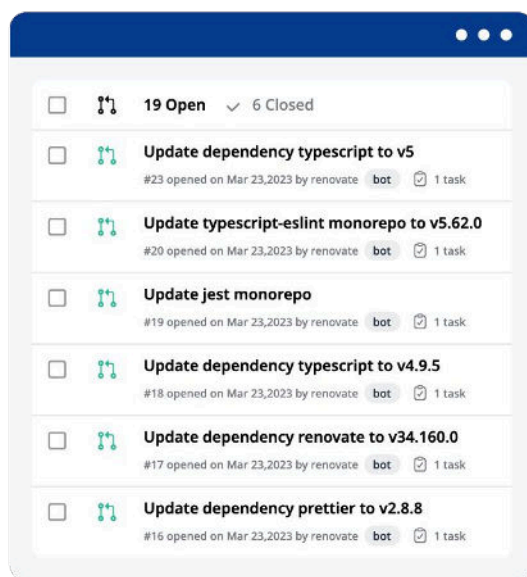Developers and security teams choose Mend.io for its unique capabilities, including:

Full scale automation for AI development - treamline and optimize your entire dependency management process with full-scale automation that allows you to promptly process all the repository scans in your applications as you develop with AI.

Improved code quality - Automatically updating dependencies enhances code quality by applying security patches and bug fixes.

Automate private repo updates - Simplify internal software maintenance with comprehensive support for private modules, dependencies, and automated updates.

Time savings, while improving security - Automated dependency updates save developers 20 percent of their time and fix more than 90 percent of vulnerabilities with security patches before public disclosure, helping you stay secure at a speed that matches AI development velocity.

Proactive protection - Keep ahead of potential threats by incorporating new security fixes into your code base as they're released.

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