



Mend AppSec Platform: Mend Renovate

Scaled Dependency Updates and Technical Debt Reduction for Enterprises

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, 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with the growing number of dependencies in use, can introduce fragility challenges for organizations, particularly as outdated components pile up technical debt.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part of the Mend AppSec Platform, embodies our holistic approach to application security by automatically identifying outdated dependencies and suggesting updates, ensuring your project stays current. Mend Renovate Enterprise is designed to scale with your applications, removing bottlenecks and allowing developers to stay focused. Additionally, 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 a mature AppSec program.

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.

Why the Mend AppSec Platform?

Increase scalability

Scale Mend Renovate Enterprise to scan all of your repositories without slowing down, no matter how large your organization or applications become.

Reduce technical debt

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

Improve code quality

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





Save time 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.

Proactive protection

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

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

Dependency Management Features & Capabilities You Get With The Mend AppSec Platform

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

Automated dependency updates - Improve development efficiency and decrease technical debt with updates delivered right to the repository.

Full-scale automation - Streamline and optimize your entire dependency management process with full-scale automation that allows you to promptly process all the repository scans in your applications.

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

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.

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

About Mend.io

Trusted by the world's leading companies, including IBM, Google, and Capital One, Mend.io's enterprise suite of application security tools is designed to help you build and manage a mature, proactive AppSec program.

Mend understands the different AppSec requirements of developers and security teams. Unlike other AppSec solutions that force everyone to use a single tool, Mend helps them work in harmony by giving each team different, but complementary, tools—enabling them to stop chasing vulnerabilities and start proactively managing application risk.

