mend.io

Mend Renovate Enterprise Edition

Automated Dependency Management and Technical Debt Reduction at Scale

The Challenge

Ensuring your dependencies are kept up to date is one of the easiest ways to reduce technical debt and secure software. Much like the cleaning of a one-bedroom apartment is less taxing than the upkeep of a six-bedroom house, smaller applications have fewer dependencies, making them more manageable to maintain. As applications scale, continuous maintenance combined with the growing use of dependencies can introduce challenges for organizations, particularly in relation to technical debt from out-of-date components.

The Mend.io Solution

Mend Renovate Enterprise Edition acts as your vigilant housekeeper, automatically identifying outdated dependencies and suggesting updates to ensure dependencies stay current. With full scalability and increased responsiveness, developers no longer have to wait in line to have their dependencies scanned. Updates are swiftly processed, reducing technical debt. Also, Mend.io's Merge Confidence ratings and Smart Merge Control evaluate the safety of each update, pinpoint potentially problematic ones, and group and auto-merge updates based on confidence level. When it comes to managing dependency updates and minimizing technical debt, Renovate Enterprise Edition has you covered.

How Mend Renovate Enterprise Works

1. Renovate Enterprise Edition scans your repositories to detect your dependencies.
2. It checks whether newer versions of your 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 that includes the release age, package adoption rate, crowdsourced test passing rates, and a Merge Confidence rating that lets your developers know the likelihood the update will not cause breaking changes.
5. Mend.io's Smart Merge Control can automatically group and even auto-merge high confidence updates, which are those that have passed a large number of tests and seen high adoption rates.

Package	Change	Age	Adoption	Passing	Confidence
handlebars (source)	`4.0.11` -> `4.7.7`	2y	52%	95%	high

4 reasons to automate your dependency updates with Mend Renovate Enterprise Edition

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

Reduce Technical Debt
Scaled 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 apply security patches and bug fixes

Save Time While Improving Security
Automating dependency updates saves developers 20 percent of their time and fixes more than 90 percent of vulnerabilities with security patches before public disclosure.

What You Get From Mend Renovate Enterprise Edition: Features & Capabilities

Automated Dependency Updates - Improve development efficiency and decrease your technical debt by having 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.

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

Smart Merge Control - Automatically group and even merge high-confidence dependency 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 Renovate Enterprise Edition

About mend.io

Mend.io, formerly known as WhiteSource, effortlessly secures what developers create. Mend.io uniquely removes the burden of application security, allowing development teams to deliver quality, secure code, faster. With a proven track record of successfully meeting complex and large-scale application security needs, the world's most demanding software developers rely on Mend.io. The company has more than 1,000 customers, including 25 percent of the Fortune 100, and manages Renovate, link here, the open- source automated dependency update project.

For more information, visit www.mend.io , the Mend.io blog, and Mend.io on LinkedIn and Twitter.