



MENDER

ENTERPRISE

Mender Enterprise: customized for fine-grained updates of all your software and devices

Why Mender Enterprise?

1. Update all your software and devices
2. Enable delta updates
3. A scalable and production-grade Mender server
4. SLA-backed private support

Open source OTA update manager

The prime directive of the Mender open source project is a community-backed product focusing on secure and robust remote software updates to connected devices. Its open source nature facilitates more eyes on Mender which increases the security and quality of the code accordingly. It encourages a thriving open source community that provides a healthy peer review mechanism to ensure a high level of quality, interoperability, all without vendor lock-in for both the client and management server.

Mender provides out-of-the-box support for the Yocto Project, Debian, and Raspbian. It provides full image updates with a dual A/B root filesystem partition layout with roots compression to save bandwidth. Mender supports eMMC, SD card, and raw NAND/NOR flash support and has scripting support for custom actions, such as custom sanity checks after the update is installed. Mender can also support OTA updates or standalone (without server) deployments.

Mender uses both the BeagleBone Black and the Raspberry Pi 3 as reference devices. Mender also works with a variety of hardware, aggregated on Mender Hub, a community repository to enable OTA updates on every board and OS: <https://hub.mender.io/>

Secure and Robust Updates

Mender's central goal is to protect the update process from hackers and make it robust and immune from device bricking. It does so with the following features:

- ✓ Automated rollback support
- ✓ Code signing of update artifacts
- ✓ Secure TLS client-server communication
- ✓ Root filesystem integrity check to avoid corruption



Mender Enterprise

Mender Enterprise builds upon the strong foundation of Mender and expands its capabilities. Mender Enterprise is the supported version of Mender that enables all your update use cases with production-grade security, uptime, and scalability.

Update all your software and devices

- ✓ Gateway-based proxy deployments to resource constrained microcontrollers and ECUs
- ✓ Bootloader updates
- ✓ Peripheral updates, such as networking firmware
- ✓ Asymmetric (single partition) system updates
- ✓ Integration into 3rd party clients
- ✓ Configuration and calibration of application data
- ✓ Customized updates for containers, packages and applications

Delta updates

Ability to enable delta updates to reduce update payload size up to 70% to 95%

A scalable, production-grade Mender server

- ✓ Proven Kubernetes templates
- ✓ Infrastructure configuration customized for your scale targets
- ✓ Training for Mender server operations

SLA-backed private support

Our team of experts is available for resolving any issues

Contact Us

Please contact us to see if Mender Enterprise is right for you: contact@mender.io

