

Customized for fine-grained updates and large-scale deployments

Background

With the advent of IoT and the proliferation of connected embedded devices across a variety of industry verticals, one of the biggest challenges in developing competitive products is the ability to efficiently deliver remote software updates at scale, while using industry best practices in security and robustness. Due to the scale of connecting devices and the numerous vulnerabilities that have affected devices across all automotive and smart connected home markets, support for OTA updates has become a mandatory requirement for connected devices. An update mechanism requires attention to security nuances and is crucial to a product's reputation and end-user satisfaction given the potential repercussions of 'bricked' or compromised devices.

Solution Offering

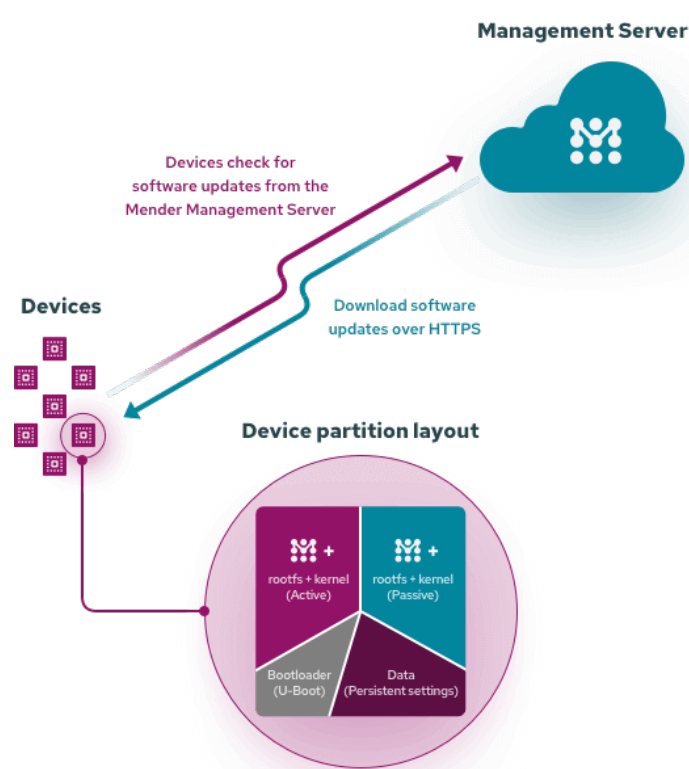
Mender Enterprise delivers the latest industry demanding features with the delivery and support that fits your needs. Mender Enterprise is built upon the strong foundation of Mender open source project and extends the capability of Mender Professional to deploy over-the-air software updates to large fleet of connected devices anywhere in the world. features and services to enable support for large scale environments. It provides options in choosing the infrastructure and support you need to deploy with minimum risk. You can run Mender Enterprise anywhere: private cloud (your own datacenter), a public cloud provider you already have a relationship, on top of Kubernetes engines or as a hosted service by Mender.

Secure and Robust

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

Top Features and Benefits

- Robust delta updates - Save bandwidth costs by reducing update file size by 70-90% and faster installation over cellular networks with dual A/B rootfs partitioning
- Phased rollout - Lower cost due to unforeseen issues and risk of fleet malfunction by gradually rolling out an update across the device fleet in several days or weeks
- Scheduling deployments - Enables updates when devices are not in use (e.g. nighttime) and save support cost of manually triggering deployment
- Two factor-authentication- Provides lower security risk of account compromise



WHY USE MENDER ENTERPRISE?

- Infrastructure and support customized for your scale targets
- Custom based pricing for predictable budgeting
- SLA support for higher uptime and faster resolution of issues
- Run Mender with cloud providers you have relationship with
- Advanced features to meet demanding industry requirements

- Multi-tenancy - Isolates environments in cost efficient manner

Standard Features

- Application-based updates using Docker containers, .deb packages, .rpm packages, files/directories
- Dual A/B root filesystem updates with rootfs compression
- Proxy deployment capability to peripheral devices
- Scripting support for custom actions

A Scalable, Production-Grade Mender Server

- Proven Kubernetes templates
- Configurable infrastructure customized for your scale

SLA-Backed Private Support

- Experienced technical staff available for resolving any issues

CONTACT

Compare Mender Enterprise Delivery Options

	HOSTED	ON-PREMISE
Pricing	Custom	Custom
Best value	Reduce overhead and save time	Flexibility and privacy
Server infrastructure	Hosted by Mender	Self-hosted
Service support	SLA support	SLA support