ION AND MOBILE DEVICE MANAGEMENT (MDM) - ANDROID

Mobile Device Management (MDM) refers to software/tools that provides administration of mobile devices, such as smartphones, tablets, rugged devices and laptops. They allow IT departments in organizations to automate, control and secure their devices. MDM usually involves deploying on-device configurations, applications, corporate policies and certificates and backend software to manage devices.

Note: MDM solutions support users across multiple platforms – iOS, macOS, Android and Windows. For the MOTOTRBO Ion, we focus on Android MDM solutions, only.

SECURE, RUGGED FLEETS

Users depend on these devices not only to make radio calls, but also to run applications like inventory management, barcode scanning, incident reporting, work order management and location tracking. Managing these devices-particularly in a fleet of thousands -presents unique challenges. Using an MDM solution helps to resolve these challenges in a consistent and scalable way.

ON-PREMISE VS. CLOUD-BASED MDMs

- With on-premise MDMs, the server is located at the customer's premises. With cloud-based MDMs, the server is hosted remotely, in the vendor's cloud.
- With on-premise MDMs, the MDM is managed by the customer's enterprise network. With cloud-based MDMs, devices connect to the MDM server directly over the Internet.

KEY FEATURES

SERVICE
Centrally manage all devices across all sites from a single interface

SECURE
Intuitively provision and enforce security policies

ENROLL
Rapidly register new or existing devices over-the-air, using flexible enrollment options

CONFIGURE
Instantly setup common configuration across all of your devices

COLLECT
Track system inventory and installed apps

MOBILE DEVICE MANAGEMENT

ENROLLMENT METHODS USING MDM

MOTOTRBO ION SUPPORTS:

- Zero-Touch Enrollment
- QR Code
- DPC Identifier
- Google Account

Note: As NFC hardware is not supported on Ion, enrollment using NFC tag is not available on Ion.

AER MANAGEMENT MODES USING MDM

Your organization's policies regarding corporate device and application management will determine which mode of configuration works best. Corporate-owned devices can be configured by the IT manager, as in the following examples:

Corporate Owned, Business Owned (COBO): These are fully-magaged devices running only corporate-approved applications. This configuration incorporates full corporate, extensive policy control over device applications and data.

Corporate Owned, Single Use (COSU): These devices are locked to perform a limited set of operations.

Corporate Owned, Personally Enabled (COPE): These are fully-managed devices that have separate work and personal profiles. Users may install and run personal applications.

Note:

1. As an AER device, Ion will work with any MDM solution that is also certified by Google as part of the AER program.
2. For a list of Android Enterprise-supported MDM solutions, visit: https://androidenterprisepartners.withgoogle.com/emm/
3. For details on the AER program, please refer to: https://www.android.com/enterprise/recommended

MOTOROLA SOLUTIONS