

The Challenge: Managing Android Devices

Android devices play a major role in every industry and marketplace. Android tablets, rugged handhelds, smartphones, VR, POS terminals, kiosks, and smartwatches have proliferated at a rapid rate, and so have the challenges inherent to managing Android devices. Keeping every Android device secure and up-to-date poses an enormous logistical challenge, and sending IT teams to troubleshoot devices in-person is both inefficient and unsustainably expensive.

The Solution: 42Gears SureMDM

SureMDM is a leading Mobile Device Management solution used by over ten thousand companies worldwide to manage their fleet of Android devices, alongside devices running other platforms. Deploy, manage, and secure mobile applications and content; keep devices secure; remotely monitor and repair any device from an easy-to-use central console.

Key Features:

- Multiple Easy Enrolment Methods
- Easy Mass Provisioning
- Centralized Management Console
- Mobile Device Management
- Remote Troubleshooting
- Mobile Application Management
- Mobile Content Management
- Identity Provider Integration Service
- Wear OS Management
- Plugin Support
- Things Management
- Powerful Analytics and Custom Reports
- Data Visualization
- Advanced Security
- BYOD Support

Device Enrollment

Easily onboard new rugged devices to your enterprise

SureMDM supports many enrollment methods, including:

- Legacy Enrollment (QR-code/Account ID based)
- Android Enterprise Enrollment (DPC and QR code based)
- Google Zero-Touch Enrollment (ZTE)
- Samsung Knox Mobile Enrollment (KME)
- 42Gears One Touch Enrollment

Gartner®

"42Gears was named as a Visionary in Gartner's Magic Quadrant for Unified Endpoint Management (UEM) Tools in 2018 and 2019."

Key Benefits:

- Increase employee productivity
- Reduce device TCO (Total Cost of Ownership) with improved preventative maintenance and faster issue resolution
- Protect corporate data

Supported Devices:

- Rugged devices
- Android Smartphones and Tablets
- Wear OS Smartwatches
- VR Headsets

Certifications and Compliances:

- ISO/IEC 27001:2013
 - Certified Information Security Management System
- GDPR Compliant

Mobile Device Management

Remotely manage and secure your device fleet

- Set up devices with approved apps and settings
- Provision Wi-Fi, e-mail or VPN profiles
- Create role-based user permissions and restrictions
- Configure and apply OEMConfig policies
- Troubleshoot devices remotely with Remote Control functionality
- Track devices on a map in real-time
- Create and auto-apply policies based on location (geofencing), time (time-fencing), and network (network fencing)
- Frequent device check-ins (3-hour intervals by default)
- Set up battery and connectivity alert notifications
- Track data consumption per-device and restrict data usage as needed
- Remotely lock, reboot or wipe devices
- Setup and apply password policies
- Activate “remote buzz”- remotely play loud sound on devices
- Detect rooted or jailbroken devices
- Historical data tracking
- Remotely execute custom script commands

Centralized Management Console

Manage all devices from a single web console

- Group or tag devices for easy classification and filtering
- Two-way communication: send and receive messages between the console and any device
- Data visualization
- Advanced analytics
- Custom reports on-demand or scheduled
- Intuitive dashboard interface
- Custom columns
- Brand the console with company insignia
- Augment console functionality with plugins

Mobile Application Management

Deploy, manage, and secure apps on devices

- Remotely push and update applications on devices
- Deploy Managed Google Play apps
- Deploy Office 365 applications and e-mail
- Configure or apply AppConfig policies
- Silently install and update apps
- Grant application permissions
- Push over-the-air firmware updates to devices (Samsung E-FOTA support)
- Create an Enterprise App Store, upload apps and allow users to install them on-demand
- Manage software assets, view installed applications and versions

Mobile Content Management

Securely deliver data and keep it safe on devices

- Push content to devices remotely
- Set up File Store - Allows users to download files on-demand
- Secure content on mobile devices using containerization
- Wipe or delete data from non-compliant devices

Android Enterprise

Facilitate BYOD policies

- Set password policies
- System settings configuration
- Set application policies
- Containerization
- Network configuration
- Certificates
- Configure enterprise email
- Configure enterprise Wi-Fi settings
- Mobile threat detection
- Data loss prevention

Mobile Identity Management

Integrate with your in-house Identity Provider to enable hassle-free and secure authentication of mobile devices

- Integrate with 3rd-party Single Sign-On providers: ADFS, Azure AD, Okta, Onelogin, GSuite, PingOne, and more
- Remotely push identity certificates to devices and manage a list of installed certificates
- Self-service portal for employees to locate, lock or wipe their devices and view device health
- Enroll devices using Active Directory authentication
- Transfer system and device activity logs into Splunk, an SIEM (Security and Information Event Management) system

Things Management

Remotely manage peripherals and IoT devices (“Things”)*

- Remotely monitor and manage “Things” from the SureMDM console
- Quicky auto-enroll “Things” into SureMDM
- Remotely modify “Things” configuration
- Update firmware on “Things”

Developer Support

Integrate SureMDM functionality into your own applications and more

- REST APIs
- Plugin development framework
- Things Connector framework

Kiosk Lockdown

Ensure Android kiosks and digital signage are secured and used as intended

- Allow access to only approved applications
- Enable single-application Kiosk Mode on off-the-shelf smartphones and tablets

Secure Web Browser

- Enable secure browsing on kiosks and company devices

About 42Gears

42Gears is a leading **Unified Endpoint Management** solution provider, offering Software as a Service (SaaS) and on-premise solutions to secure, monitor and manage all business endpoints, such as tablets, phones, rugged devices, desktops, POS terminals and wearables. 42Gears products support company-owned as well as employee-owned devices across many platforms, including Android, iOS, iPadOS, Windows, macOS, Wear OS and Linux platforms. Over 10,000 customers in more than 115 countries use 42Gears products in many industries, including healthcare, manufacturing, logistics, education, and retail.

To learn more about **SureMDM**, or to sign up for a free trial, please visit www.42gears.com.

For pricing questions, please contact our Sales Team at sales@42gears.com.