

# Hexnode Zero Touch Device Management

## Streamlining IT automation with Unified Endpoint Management

### Key Takeaways

- Centralized management
- Zero-touch deployment
- Enforce dynamic groups
- Push policies & configurations
- Location-based restrictions
- Directory integrations
- Manage apps and content
- Configure network settings
- Automate OS updates
- Manage data expenses
- Track real-time location
- Monitor device compliance
- Schedule and generate reports

Automation has taken over the lives of IT admins. Over the last decade, companies have begun to adopt automation into their IT infrastructure, replacing repetitive, time-consuming, and error-prone operations with streamlined, automated workflows. Every IT administrator worth his salt now understands the benefits of automating IT operations.

Considering the substantial number of devices an administrator must manage, it's rather evident that device management is by no means a simple task. Which is why it is essential for companies to integrate automation into these workflows and adopt an entirely no touch strategy for device management.

### Why Hexnode UEM for zero touch device management?

Hexnode's Unified Endpoint Management solution enables IT administrators to easily incorporate zero touch device management processes into their IT strategies and replace repetitive and time-consuming operations with streamlined and automated processes.

Moreover, Hexnode's suite of functionalities including zero touch onboarding, dynamic groups & automated policy deployments, custom scripts, automatic compliance checks, and more, enable administrators to streamline and automate device management tasks, thereby enabling IT teams to focus on more complex tasks.

## Key features of Hexnode zero touch device management

Hexnode's cloud-based endpoint management solution can be utilized from any internet-enabled device, thereby providing easy access for IT administrators.

The functionalities described below enables administrators to streamline and automate the deployment, management and configuration of managed devices within an organization.

## Streamlined zero touch device onboarding

Zero-touch enrollment enables admins to perform rapid over the air deployment of devices without requiring end-user intervention.

Hexnode offers a variety of zero-touch device enrollment techniques to offer automated deployment of company devices.

- Deploy macOS, iOS, iPadOS, and tvOS devices purchased directly from Apple or an authorized reseller, using Hexnode's integration with Automated Device Enrollment.
- Deploy Android devices straight out-of-the box and enroll them in the Android Enterprise program, using Hexnode's integration with Android Zero Touch enrollment.
- Deploy Samsung Knox devices in bulk to end-users using Hexnode's integration with Knox Mobile Enrollment (KME).
- Enroll Android devices hands-free, by configuring their ROM or Android firmware to come pre-installed with the Hexnode Agent app.
- Pre-approve Android, iOS, macOS and tvOS devices in Hexnode and automatically associate pre-configured policies once they are enrolled.

### **Automated assignment of device & user groups**

Hexnode offers integrations with multiple directory services, and enables admins to export users and user groups from within these directories to the Hexnode portal.

- Automate user onboarding, group assignment, and access management using integrations with directory services (Active Directory, Azure AD, Okta, Google Workspace).
- Export users and user groups from the company directory, assign devices, and push policies & configurations to the user groups.
- Configure dynamic groups and assign rules and criteria which when matched, trigger pre-configured actions including policy assignment, auto lockdown, and more.

### **Application and resource management automation**

Hexnode's application and resource management functionalities enable IT to automate the deployment and configuration of apps and resources on managed devices.

- Enforce mandatory app policies to automate the download and installation of specified work apps on user devices.
- Assign configurations and manage permissions in bulk on the managed apps installed on end-user devices.
- Enforce app blacklists or whitelists to block end-users from accessing unproductive apps on managed devices.
- Equip end-users with custom app groups and catalogs to help them easily find and download the apps they need.

## Automated policies and configurations

Hexnode enables IT administrators to automate policies and configurations and enforce restrictions on managed devices to help control end-users' access. Using Hexnode, admins can:

- Automate the deployment of policies, restrictions and security configurations on managed devices.
- Enforce automatic OS updates on managed devices.
- Enable encryption and enforce strong password policies on managed devices with a single click.
- Track location and automatically enforce location-based policies (geofences) to secure managed devices when outside work zones.
- Deploy custom scripts to automate repetitive and time-consuming IT operations.
- Enable managed devices to automatically connect to a Wi-Fi network without prompting for a password.
- Remotely configure VPN and global HTTP proxy settings in bulk and push them over-the-air to end-user devices.
- Use wildcards to configure user accounts in bulk, including email, calendar, and contacts on managed devices to synchronize user data to their specific endpoints.

## Continuous monitoring and reporting

Hexnode provides a wide range of on-demand and scheduled reports to help admins monitor key metrics of managed devices and enable IT teams to always be in the know on any issues that may arise.

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## Sign up for a free trial

[www.hexnode.com/mobile-device-management/](http://www.hexnode.com/mobile-device-management/)

## Knowledge base

[www.hexnode.com/mobile-device-management/help/](http://www.hexnode.com/mobile-device-management/help/)

- Generate automated reports to monitor device status, user actions, app statistics, security violations, compliance status of managed devices, and more.
- Schedule reports to be generated daily, weekly or monthly, as per requirement. Also specify the time of scan initiation, and the email addresses to which the reports may be sent.
- Monitor the time an employee spent at a specific location by managing reports on location history, and show detailed information on location address, co-ordinates, time, and more.
- Assign technician roles to manage access privileges to view and manage reports, and easily export reports in the form of PDF or CSV formats for documentation.

## Automated compliance management

Hexnode enables administrators to define a host of rules and criteria for managing devices and monitoring compliance, and helps admins automate remedial actions on non-complaint devices.

- Automatically track compliance across the entire range of enrolled devices.
- Alert the admin and mark devices as non-compliant when they fail one of the pre-configured compliance parameters.
- Automatically round up non-compliant devices using geofencing policies and dynamic groups to perform automated remedial actions.
- Track overall and per-app data usage on managed devices and automatically notify end-users and IT admins when the pre-set limits are exceeded.