

EVALUATING MDM SOLUTIONS FOR ALLIED MECHANICAL SERVICES ,INC.(AMS)

**OBJECTIVE:
TO FIND THE BEST BANG-FOR-THE-BUCK MDM
SOFTWARE FOR MANAGING OUR COMPANY'S IPADS**

**RESEARCH
BY**

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MY CRITERIA FOR EVALUATION WAS BASED ON

- ▶ **App Deployment**
- ▶ **Best Features**
- ▶ **Pricing**
- ▶ **Customer Rating**
- ▶ **Pros And Cons**
- ▶ **Research Verdicts**

INTRODUCTION

- ▶ Mobile Device Management (MDM) tools are software solution that allows IT administrators to remotely manage and secure mobile devices, such as iPads, smartphones, tablets, and laptops and to get a bird's-eye view of the device security policies, network inventory, and application management.
- ▶ They play a crucial role in establishing control over corporate data in devices by configuring data accessibility and maintaining user privacy and data security.
- ▶ With 'bring your own device' (BYOD) policies on the rise, we can expect MDM software to become a part of the organization in the future. These solutions enable organizations to improve their productivity, develop a seamless workflow and enhance data security.

MDM can be used to perform a variety of tasks, including:

- ▶ Deploying and configuring devices
- ▶ Managing apps: Enriching mobile devices with relevant apps and content
- ▶ Enforcing security policies
- ▶ Remotely locating and wiping devices in case of theft or loss.

WHY IS MDM IMPORTANT?

- **Improve security** by enforcing password policies, restricting access to certain apps and websites and remotely wiping lost/stolen devices.
- **Increase productivity** by automating tasks such as app deployment and security updates.
- **Reduce costs** by centralizing device management and eliminating the need to manually manage each device.
- **Monitoring and tracking** entire device inventory from a single console.
- **Stopping unauthorized** devices from accessing resources
- Making sure devices are **up to date** on software patches that could fix known security vulnerabilities.

SOME OF THE CORE FEATURES OF MOBILE DEVICE MANAGEMENT APPLICATIONS ARE:

- Device security capabilities
- Device location tracking
- Device troubleshooting
- Access control features
- All-round device and operating system support.
- Over-the-air (OTA) distribution.
- Remote wiping

COMPARISON OF MDM SOFTWARE SOLUTIONS

(See Table)

RECOMMENDATION

- I believe that Scalefusion is the best MDM software solution for Allied Mechanical Services Inc. Why Scalefusion?

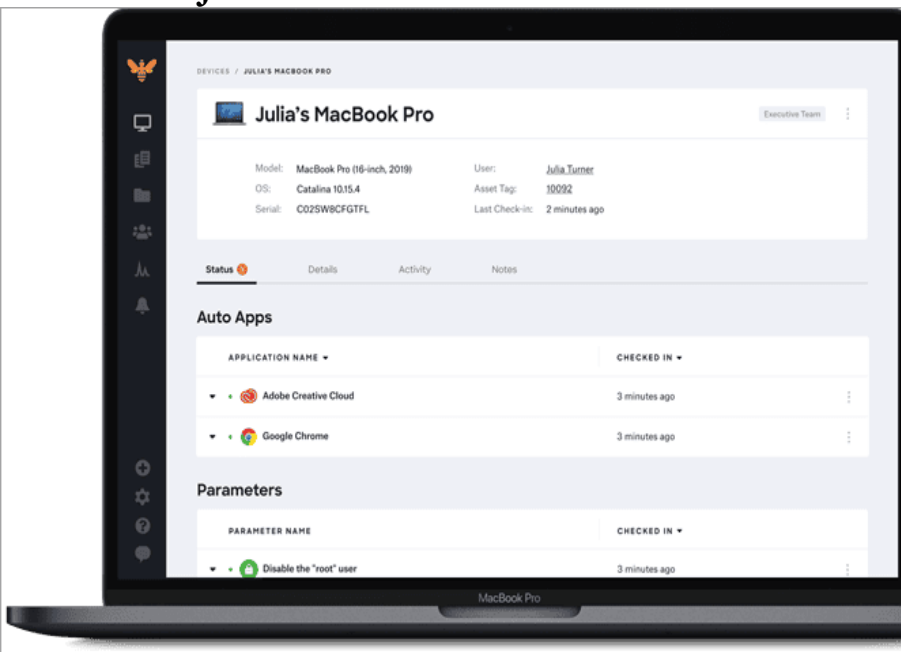
Scalefusion offers a variety of features that are specifically relevant to mechanical contracting companies, such as:

- ✓ **Mobile application management (MAM):** This allows companies to manage and distribute mobile apps to their employees, as well as set policies for how those apps can be used. This is important for ensuring that employees have the apps they need to do their jobs securely and efficiently.
- ✓ **Location tracking and geofencing:** This allows companies to track the location of their mobile devices and set geofences around areas of interest. This can be useful for tracking vehicles, equipment, and personnel.
- ✓ **Security and compliance:** Scalefusion offers a variety of security and compliance features, such as device encryption, remote wipe, and support for industry-standard compliance frameworks. This is important for protecting company data and meeting compliance requirements.
- ✓ **Supports a wide range of devices,** including iOS, Android, Windows, macOS, and Linux. This is important incase we have employees using a variety of devices in the field and in the office.
- ✓ **It has a good reputation** among customers and is easy to use and manage. It has a user-friendly dashboard and offers a variety of support resources. This is important for companies that may not have a dedicated IT team.
- ✓ **It offers a wide range of features** and functionality at a competitive price(Affordable) , including Rapid device deployment, Remote troubleshooting, Over-the-air (OTA) updates and patch management, security features, remote wipe and reporting and analytics.

CONCLUSION

- ▶ All the MDM Solutions mentioned in this list can be used for a given scenario. **All the apps researched have 5/5 rating ,App deployment and Remote wipe enabled features.**
- ▶ IBM Maas360 is great for rapid app deployment and secure content collaboration. For mobile device security, you should select Trend Micro Mobile Security. Citrix Endpoint Management and Hexnode MDM are the right choices for unified endpoint management.
- ▶ **Overall**, Scalefusion is a comprehensive and user-friendly MDM solution that offers a wide range of features that are relevant to mechanical contracting companies. It is a good choice for companies of all sizes, from small businesses to large enterprises.

KANDJI



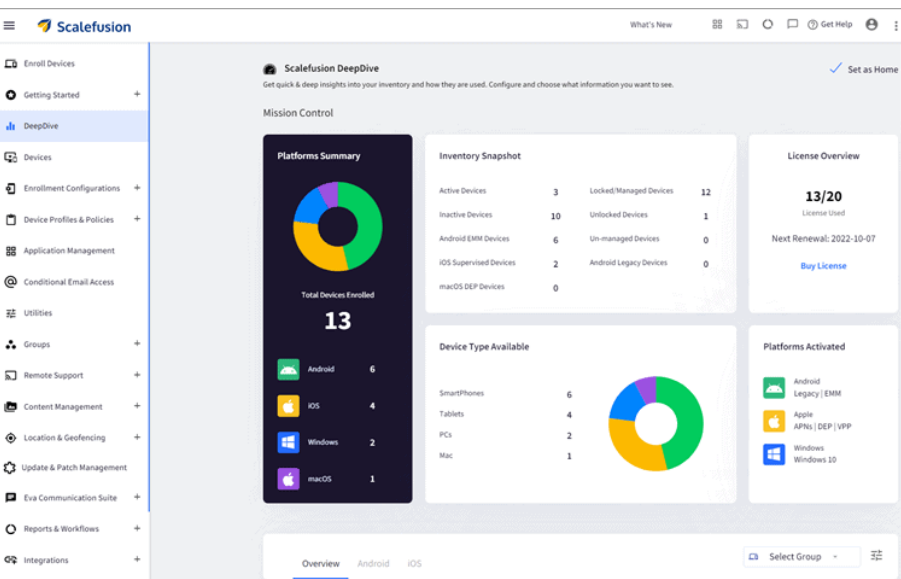
Pros:

- Zero-touch deployment.
- Automated OS and app updates keep devices secure.
- Pre-built settings templates map to NIST, CIS, and STIG frameworks.
- REST-compliant API provides enterprise-grade extensibility.
- Customer support staffed by engineers with Mac admin experience.
- Combines the convenience and ease of one-click automation with powerful tools (such as API and custom script support) enabling configure and manage devices as you see fit.
- Built specifically for Apple devices, by engineers who have been admins themselves and know what Apple IT and security teams need.

Cons:

- Compatible with Apple devices only.
- Annual contract

SCALEFUSION



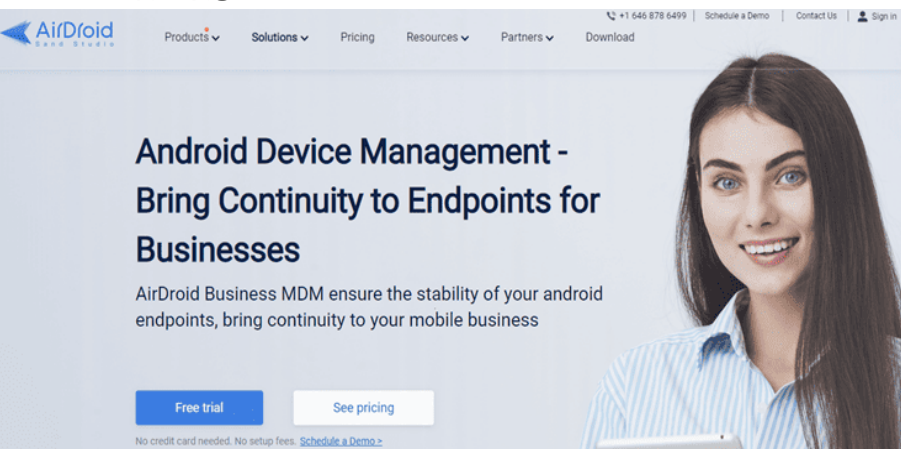
Pros:

- Simplified Device Management with a dashboard with a short learning curve.
- Over-the-air deployment and provisioning for Android, iOS, macOS, and Windows 10.
- Application deployment, management, and updates for public and private apps.
- Content management
- Remote troubleshooting

Cons:

- Patch management is currently only available for Windows and does not work in offline mode.
- Does not support Linux.

AIRDROID



Pros:

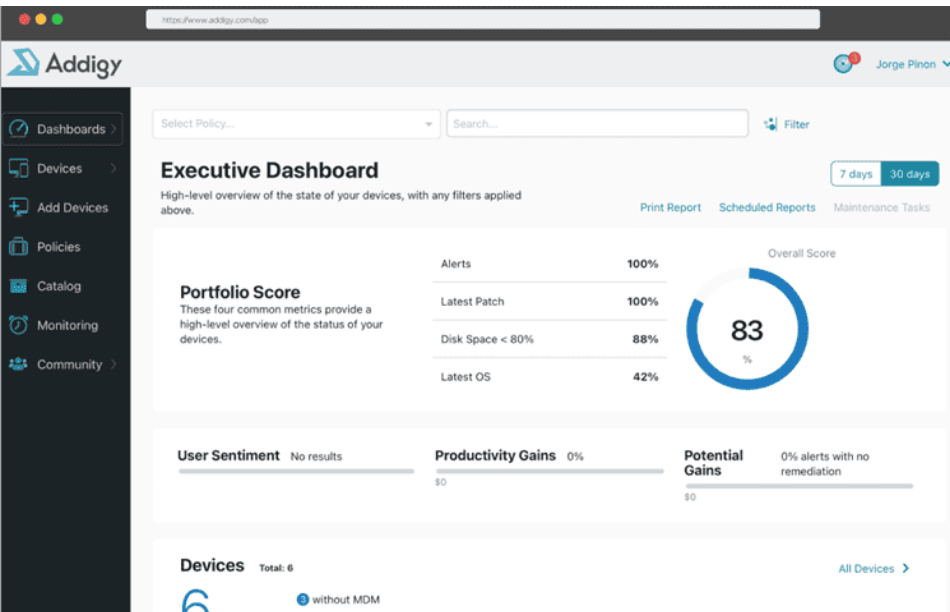
- Remote access and control
- Management & Security
- Monitor, Alerts & Workflow and File Transfer
- Mobile application management including installing, uninstalling, and updating applications; testing and
- launching company-owned applications.
- Kiosk mode, Geofencing & Tracking

Cons:

- Currently, the AirDroid Business admin console can only control devices that run Android.
(**x Ruled Out**)



ADDIGY



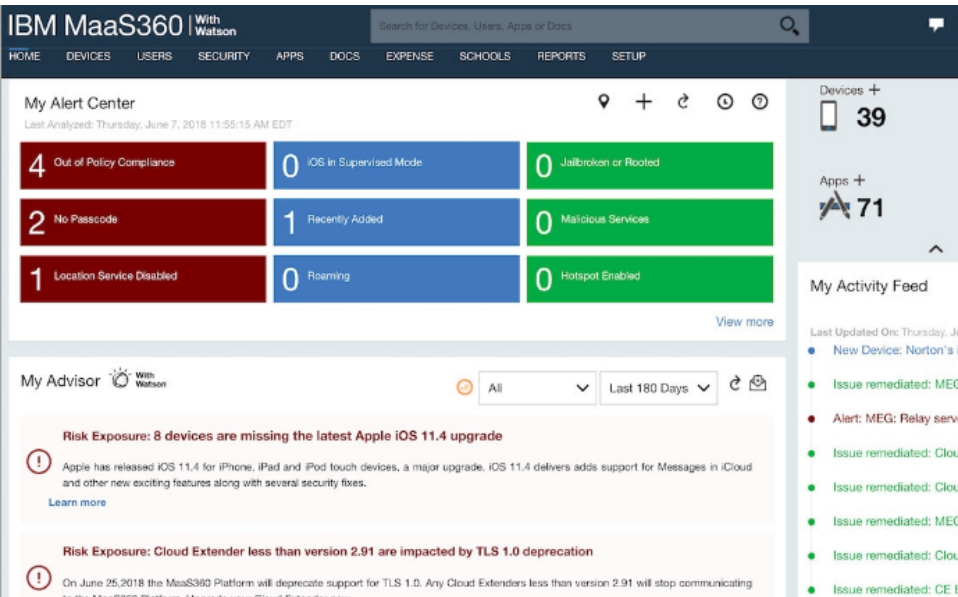
Pros:

- Quickly onboard new employees with zero-touch deployment.
- Keep all OS and apps updated with the click of a button.
- Maintain the highest level of security using pre-built CIS and NIST compliance benchmarks.
- REST-compliant API provides a secure and fast way to integrate at no extra cost.
- Unlimited access to a team of Apple experts ready to help you deliver the best Apple experience to your end users.
- Flexible pricing, no contracts required.

Cons:

- Compatible with Apple devices only.

IBM MaaS360



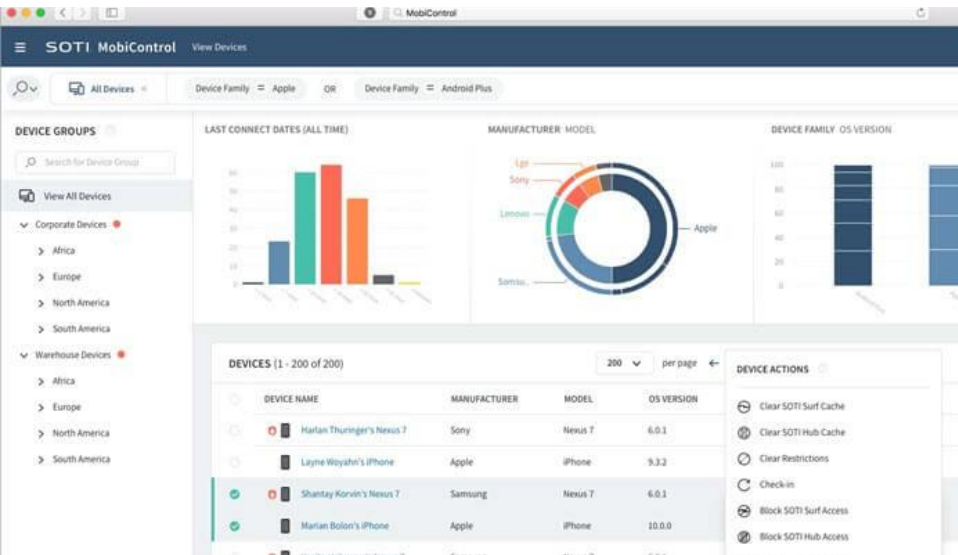
Pros:

- Effortless Device Management
- Secure MDM Solution
- Rapid App Deployment
- Secure Content Collaboration

Cons:

- Windows MDM need manual enrollment.
- Windows MDM has limited functionality when compared to other platforms.

SOTI MOBICONTROL



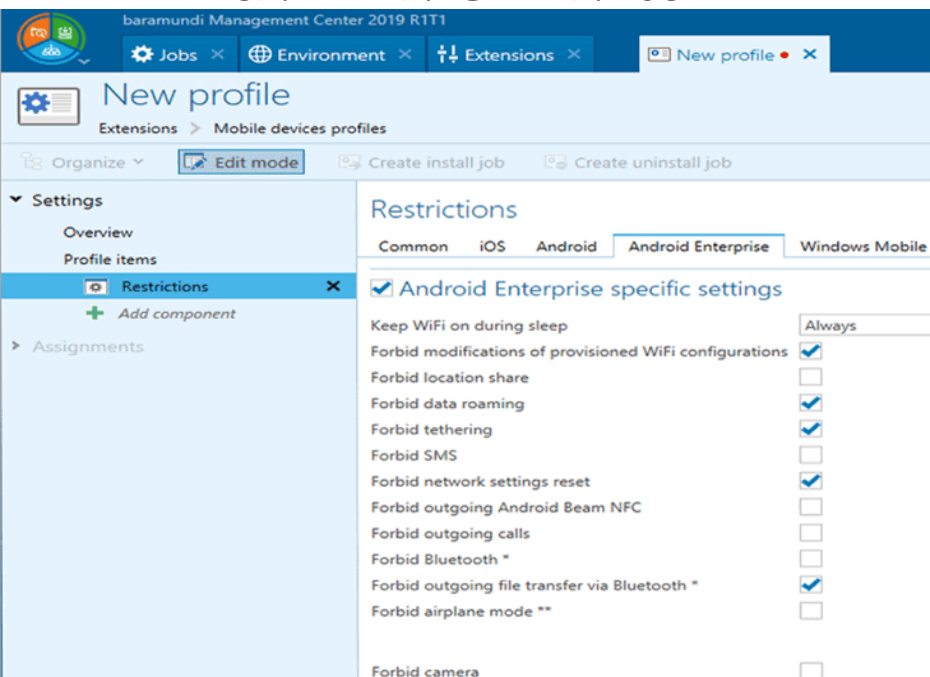
Pros:

- Secure device, apps, content, and data.
- Rapid Provisioning and Enrollment.
- Compliance/Alert Rules
- Interactive App Catalog

Cons:

- Profiles only configured through an older version of the user interface.
- If you want to use SAML 2.0 and Azure Active Directory, then you need to use unintuitive user interface.

BARAMUNDI MANAGEMENT SUITE



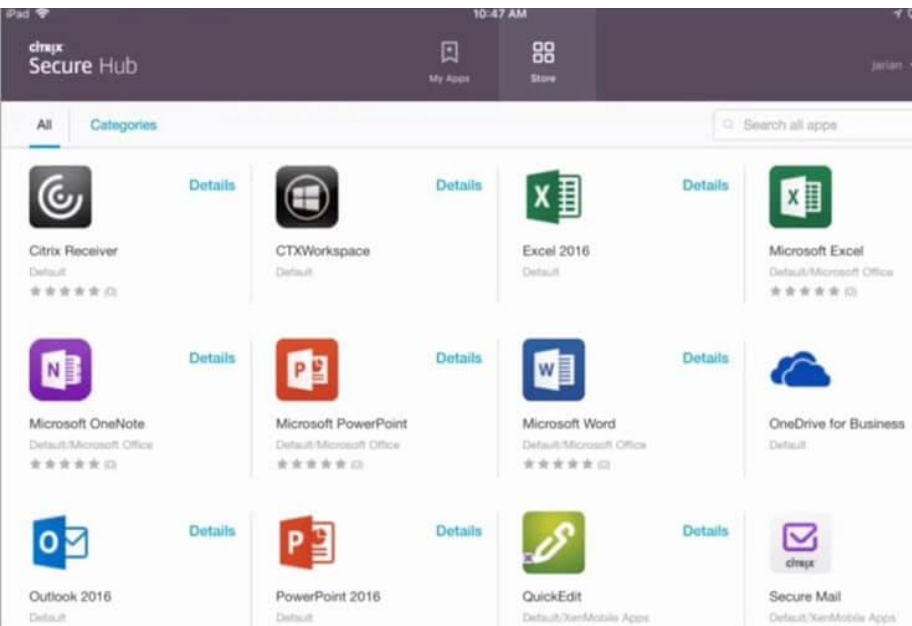
Pros:

- Remote Support Diagnostic Tools
- IT Management Access Controls/Permissions.
- License Management Copy Protection.
- Business Continuity Backup Log
- IT Asset Management Audit Management

Cons:

- You need to perform multiple steps for some features where the other products have an easier workflow.
- Microsoft Exchange required for full functionality.
- Expensive price packages when compared to the competition.

CITRIX ENDPOINT MANAGEMENT



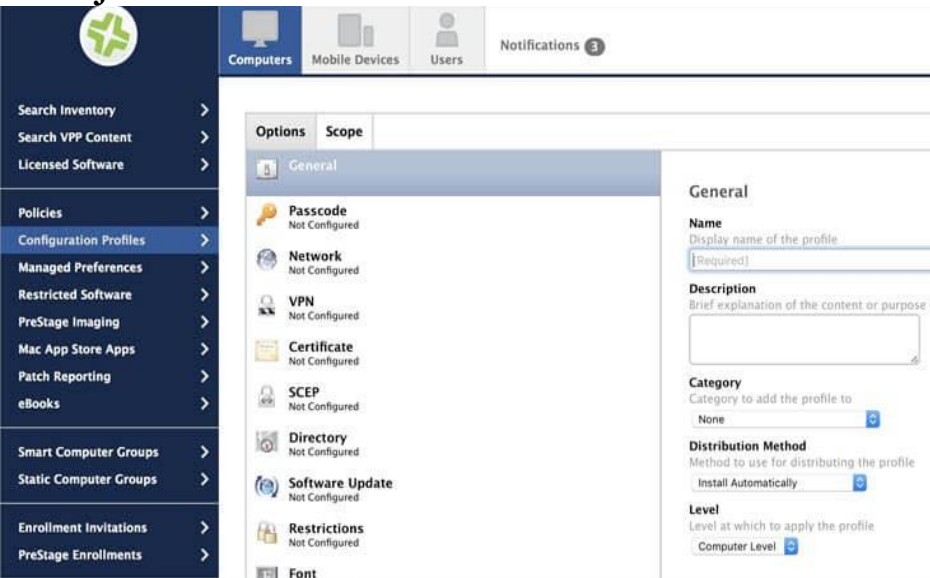
Pros:

- Single Console Endpoint Management
- Unique micro-VPN capabilities
- Automated Management Tasks
- Mobile application management
- Citrix Secure Mail

Cons:

- Managing back-end systems with Citrix is complex.
- It does not provide direct management for Office 365 apps.
- You need to pay an extra cost for the EMS connector.
- It does not offer a standard CSV file format for importing users and devices, instead, it uses flat files.

JAMF PRO



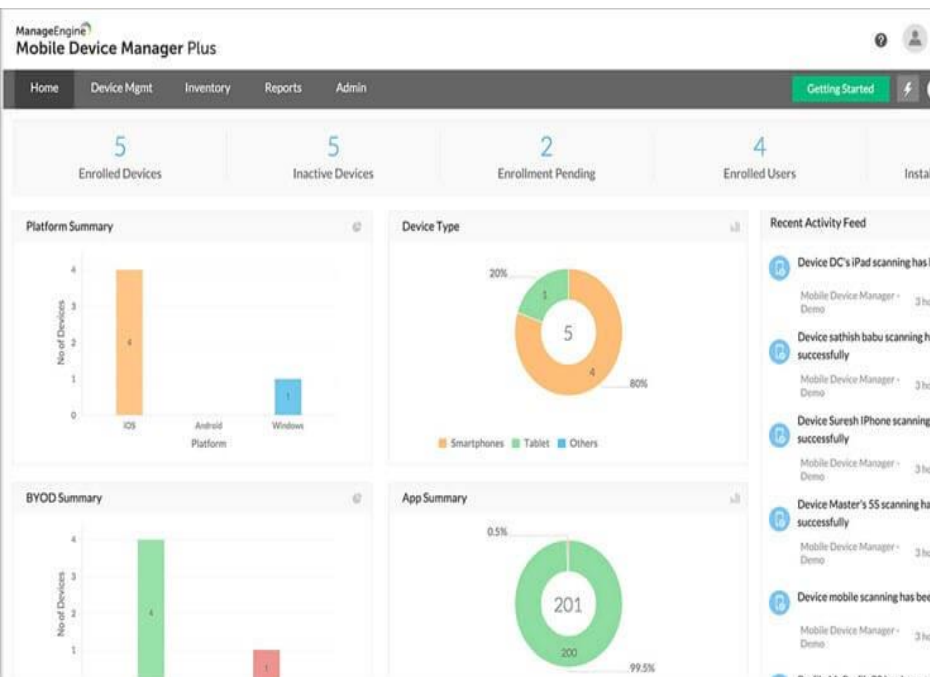
Pros:

- API integrations
- Advanced configurations
- App management
- Apple TV support
- Apple School Manager Integration
- Compliance management

Cons

- Restricted to Apple products.

MANAGEENGINE MOBILE DEVICE MANAGER



Pros:

- Mobile Device Authentication and Enrollment, User-Initiated Device Enrollment.
- Streamlined Application Management Process.
- Enforce Policies using Profile Management.
- Protect Enterprise Mobile Emails

Cons:

- Lacks support for geofencing features.
- The process for enrolling devices powered by Windows 10 is time-consuming and tedious

ABSOLUTE



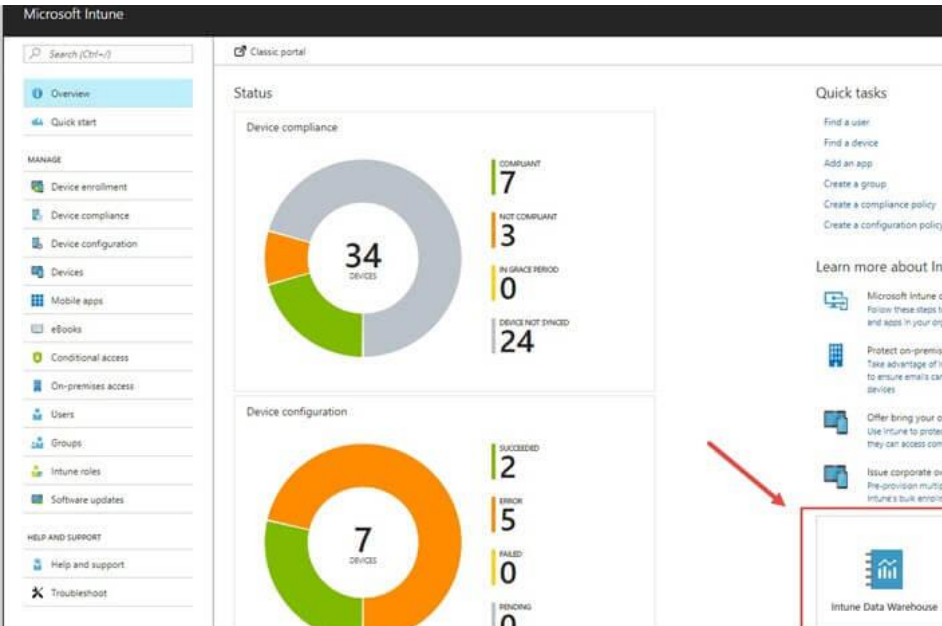
Pros:

- Mobile application management
- Security, change & configuration management
- Mobile Content Management
- Asset inventory
- BYOD Policy Management
- Automated patch management
- Computer imaging
- Power management

Cons:

- The product has a high price.
- It is completely centered on data security & policy management and lacks other advanced device management features.

MICROSOFT INTUNE



Pros:

- Reports and System Logs
- Customizable App Protection Policies
- Remotely Managed Devices
- Task Creation and Management
- Centralized Control Portal
- Manage Office Mobile Apps
- Microsoft Malware Protection Engine

Cons:

- The solution lacks device location features.
- The dashboard cannot be customized.
- Highly dependent on Microsoft products and promotes them from time to time.

TREND MICRO MOBILE SECURITY



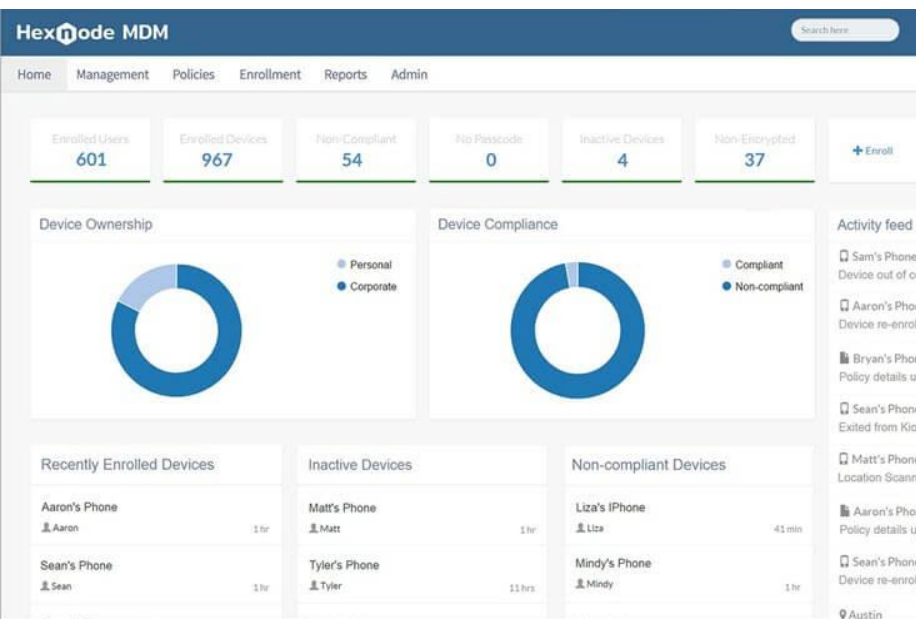
Pros:

- Protects devices against anti phishing and malicious URL blocking attacks.
- Comprehensive Android security
- Useful security features

Cons:

- Parental control is not compatible with some platforms.
- Offers bare-bones mobile device management features.

HEXNODE MDM



Pros:

- Location Tracking and Geofencing
- Multi-Platform Support and Integrations
- Remote Management and Control
- Enhanced App Management
- Hexnode Kiosk Lockdown

Cons:

- Although it offers service for several devices and platforms, it does not offer proper support for non-mainstream platforms.
- Lacks advanced MDM features.

Feature	Scalefusion	Addigy	Kandji	Hexnode	Citrix Endpoint	Jamf Now	AirDroid	Soti MobiControl	IBM MaaS360
Device support	iOS, Android, Windows, macOS	iOS, Android, Windows, macOS	iOS, macOS	iOS, Android, Windows, macOS	iOS, Android, Windows, macOS	iOS, Android, Windows, macOS	iOS, Android, Windows, macOS	iOS, Android, Windows, macOS, Linux	iOS, Android, Windows, macOS
Pros	<ul style="list-style-type: none"> ✓ Simplified MDM with a dashboard with a short learning curve. ✓ Easy-to-use Platform. ✓ Over-the-air deployment and provisioning. ✓ Application Content mangmnt and remote Troubleshooting. 	<ul style="list-style-type: none"> ✓ Rapid device deployment, Monitoring and remediation. ✓ Security & Compliance with built-in CIS & NIST benchmarks. ✓ Automated system updates. ✓ Built-in remote control. ✓ Smooth and easy software deployment. ✓ Customizable self-service app. ✓ Quickly onboard new employees with zero-touch deployment. ✓ REST-compliant API provides a secure and fast way to integrate at no extra cost. ✓ Unlimited access to Apple support team. ✓ Flexible pricing, no contracts required. 	<ul style="list-style-type: none"> ✓ Pre-built templates for common compliance standards. ✓ Automated updates and patch management. ✓ Zero-touch deployments. ✓ Integration with top identity providers. ✓ REST-compliant API. ✓ Customer support staffed by engineers with Mac admin experience. 	<ul style="list-style-type: none"> ✓ Location Tracking and Geofencing ✓ Multi-Platform Support and Integrations ✓ Remote Management and Control ✓ Enhanced App Management ✓ Hexnode Kiosk Lockdown. 	<ul style="list-style-type: none"> ✓ Single Console, Endpoint Management. ✓ Unique micro-VPN capabilities. ✓ Mobile application management. ✓ Citrix Secure Mail. ✓ Automated Management Tasks 	<ul style="list-style-type: none"> ✓ API integration. ✓ Advanced configurations. ✓ App mangment. ✓ Apple TV support. ✓ Apple school manager. ✓ Integration, Compliance management. 	<ul style="list-style-type: none"> ✓ Remote access and control. ✓ Remote File Management. ✓ Device Provisioning & Deployment. ✓ Security, Management Services. ✓ Policy & Kiosk, Geofencing & Tracking. 	<ul style="list-style-type: none"> ✓ Compliance/Alert Rules. ✓ Interactive App Catalog. ✓ Secure device, apps, content, and data. ✓ Rapid Provisioning, and Enrollment. 	<ul style="list-style-type: none"> ✓ Effortless Device Management. ✓ Rapid App Deployment. ✓ Secure Content Collaboration. ✓ Secure MDM Solution.
Cons	Patch management is currently only available for Windows and does not work in offline mode. Does not support Linux.	Compatible with Apple devices only.	Compatible with Apple devices only. Annual contract	Does not offer proper support for non-mainstream platforms. Lacks advanced MDM features.	Managing back-end systems with Citrix is complex. Does not provide direct management for Office 365 apps. You need to pay an extra cost for the EMS connector. Does not offer a standard CSV file format for importing users and devices, instead, it uses flat files.	Restricted to Apple products.	Currently, the AirDroid Business admin console can only control devices that run Android.	You can configure profiles only through an older version of the user interface. If you want to use SAML 2.0 and Azure Active Directory, then you need to use an unintuitive user interface.	Windows mobile devices need manual enrollment. Windows mobile device management has limited functionality when compared to other platforms.
Best For	Simplified mobile device management.	Quickly and simply deploying, managing, and securing Apple devices. Resolving issues in real time.	Deploying, managing, and securing Apple devices efficiently.	Easy to use endpoint management.	Secure mail and unique micro-VPN capabilities	Advanced configuration and integration with Apple solutions	Android devices management and security.	Rapid provisioning and enrollment.	Secure mobile device management.
Verdict	Scale fusion MDM is ideal for IT teams of any size to deploy, provision, and manage a device inventory of any size, across any industry.	Addigy empowers you to customize your Apple machines and infrastructure to best support your team and environment. You can ensure every device is secure, ready to scale, and backed by the smartest team of Apple experts around.	Combines the convenience and ease of one-click automation with powerful tools (API and custom script) that enable configure and manage devices as you see fit. Built specifically for Apple devices, by experienced Apple engineers.	Hexnode is a robust security management tool for mobile devices and enables businesses to secure all endpoints from a single console efficiently.	Since its transition from XenMobile, the MDM tool offers support for a wide range of devices. Users can benefit from additional features by leveraging Citrix's new partnership with Microsoft's EMS suite.	Excellent choice for organizations using wide range of mobile solutions developed by Apple. Suitable MDM for education institutions, businesses, and government organizations, and provides powerful customization features.	suitable for any kind of enterprise and has been used in the following industries – coordination, healthcare, IT & MSP, hospitality, etc.	On a feature-to-feature basis, Soti MobiControl does an excellent job of providing mobile device management service to its users.	IBM MaaS360 is a solid mobile device management solution with advanced security, analytics, and management features.

Pricing	\$2.00 - \$4.00/ device/month	Custom pricing based on the number of devices managed.	14-day Free Trial. Custom pricing based on plan type and the number of users managed	\$1-\$6/device/ month	30-day Free Trial, \$3.26 to \$27 /device / month.	30-day Free Trial, \$3 .33 /month/iOS device, \$ 7.17 / month/Mac.	14-day Free Trial, \$12 - 33 per device/year	30-day Free Trial, \$3.25 to \$90 / device/month,	30-day Free Trial, \$4.00 - \$9.00 /device/ month.
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