



# Research and Development

## Mobile Device Management

### Overview

**Mobile Device Management (MDM)** software secures, monitors, manages and supports mobile devices deployed across an organization. MDM functionality typically includes securing and monitoring devices, over-the-air distribution of data and configuration settings, and application management for all types of mobile devices. This applies to district-owned, staff-owned, and student-owned devices.

### Products Considered



### Required Functionality

#### **Group Management and Provisioning**

Automated provisioning and group creation, and applying policies by group

#### **Service Management and Reporting**

Visibility into device and network performance, with basic reporting and inventory management

#### **Mobile App Management**

Visibility of installed Apps, and ability to whitelist/blacklist apps

#### **Platform Support (Basic)**

Support for Android, iOS and Windows Mobile Operating Systems

#### **Policy and Security Management**

Application of policies beyond basic ActiveSync functionality

#### **Role Based Management**

Customized views of the management interface, depending on role





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### Advanced Functionality

#### **Browser Control**

Disable browser features, and whitelist or blacklist sites on mobile browser



#### **Enterprise App Portal**

Portal for custom apps that are not available through public app stores

#### **Hardware Management**

Ability to remotely disable a device's hardware features altogether or in specific conditions

#### **Help and Service Management**

Help desk integration, end-user notifications, and remote-control capabilities

#### **Individual Liabile Support**

Support for separating corporate data from personal data (e.g. selective data wipe)

#### **Integration**

Integration with WLAN and other enterprise systems



#### **Location Services**

Ability to use GPS to locate individual devices and view devices on a map

#### **Performance Monitoring**

Application performance, network performance, carrier usage, proactive alerting

#### **Platform Support (Advanced)**

Support for additional mobile operating systems (Windows Phone, BlackBerry)

#### **Security Management (Advanced)**

Advanced security features (jailbreak detection, verifying a remote wipe, advanced encryption)

#### **Volume Purchasing Program (VPP) Integration**

Ability to manage app purchasing through Apple's VPP

