Managing Your Android Migration

You're evaluating Android for your next mobile deployment. So, how do you ensure you'll be able to manage these devices like you have with your existing Windows Mobile and Windows CE deployments?

Ivanti® Avalanche, powered by Wavelink, has been with you through device and operating system migrations before. And we understand how critical mobility is to your bottom line. With Avalanche, your MDM has been designed with the demands of your retail and supply chain devices in mind. The use cases and device capabilities you're focused on are unique, and require specialized control to keep your workers connected, effective, and therefore at peak productivity.

Map Your Migration to Android Device Management

Avalanche Capabilities	Windows Mobile/ Windows CE	Android
Staging & Deployment		
Support scanning deployment	X	X
Directed enrollment	X	X
Enabler or agent preloaded	X	X
Add custom properties	X	X
Delete custom properties	X	X
Manage device time zone	X	X
Configure NTP server settings		X
WiFi		
Push WiFi configuration to device	X	X
WEP	X	X
WPA/WPA2	X	X
EAP/TLS	X	X
Install trust certificates	X	X
Configure proxy settings	X	X
SSL certificates	X	
Allow or deny connections to specific addresses	X	
Architecture		
Support centralized server	X	X
Support distributed servers	X	X
Browser-based management interface	X	X
Place device sync services in remote locations	X	X

Avalanche Capabilities	Windows Mobile/ Windows CE	Android
Install applications, files, and OS updates from a file-staging server in remote locations	X	X
Operating System & Application Management		
Push OS-update files to supported devices	X	X
Control conditions under which OS update will be applied (connectivity type, time, charge level, and status)	X	X
Install applications from Google Play Store		X
Install applications from manifest URL		X
Install applications silently	X	X
Kiosk mode	X	
Device resync/reconnect (post action)	X	X
Reboot/warm boot (post action)	X	X
Auto-launch/invoke application (post action)	X	X
Push files to any accessible location on the device	X	X
Delete files from device	X	X
Whitelist or blacklist applications		X
Set default application		X
Security		
Restrict user from installing applications	X	X
Restrict use of camera		X
Enforce device encryption	X	X
Restrict access to Settings application	X	X
Restrict web browser usage	X	X
Restrict mail usage	X	X
Restrict usage of YouTube		X
Restrict access to Google Search application embedded in OS		X
Control passcode minimum length		X
Control passcode complexity		X
Set lock screen timeout		X
Control maximum failed passcode attempts before wiping device		X
Configurable passcode history		X
Configurable passcode age		X
Real-time Wipe	X	X
Real-time Locate	X	X
Actionable Insights & Troubleshooting		
Troubleshoot via Remote Control	X	X
Copy files and folders to and from the device	X	X
Kill applications	X	
Remote Control Integration	X	X
Reporting included	X	X
Geofencing/locating	X	X

Avalanche Capabilities	Windows Mobile/ Windows CE	Android
Android Enterprise - Work Profile Mode		
Device security challenge		X
Compliance enforcement		X
Wipe & Lock		X
Default security policies		X
Work security challenge		X
DPC-first work profile provisioning		X
Runtime permission policy and grant state management		X
Google Play EMM API usage requirements		X
Silent app distribution		X
Managed Google Play account provisioning		X
Basic Store layout management		X
Managed configuration management		X
App catalogue management		X
Managed Google Play accounts enterprise enrollment		X
Samsung SAFE		
Enable SAFE		X
Restrict voice dialer		X
Restrict uninstallation of applications		X
Restrict access to the Play Store		X
Enforce encryption of SD Card		X
Create an Exchange email account on the device		X
Deny access to network information		X
Deny access to device's precise location		X
Restrict Bluetooth usage		X
Force applications to use the dialer interface		X
Don't allow applications to modify current configuration settings		X
Restrict changes to network state		X
Restrict changes to Wi-Fi state		X
Restrict applications from installing shortcuts		X
Deny applications the ability to open network sockets		X
Allow applications to manage documents		X
Restrict access to NFC		X
Restrict access to contacts		X
Restrict access to phone state		X
Restrict access to user profile		X
Restrict access to read or send SMS		X
Allow application to set Wallpaper		X
Allow application to write contacts		X
Allow application to write profiles		X

Avalanche Capabilities	Windows Mobile/ Windows CE	Android
Allow application to write settings		X
Ivanti Supply Chain, powered by Wavelink Mobility Accelerators		
Configure Ivanti Studio settings	X	
Configure Ivanti Terminal Emulation settings	X	X
Configure Ivanti Velocity settings (through file payload)		X
OEM-specific enablers and feature control		X
Zebra Mobility Extensions (Mx)		X

Learn More

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