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## **Techstep Essentials MDM** Functionality Matrix

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## 1 Legend

To get more information, please contact us at <a href="mailto:support@famoc.com">support@famoc.com</a>.

Mark	Description
$\checkmark$	Supported
X	Not supported by platform/OS/vendor
	ANDROID
Management mode	Description
BYOD	<ul> <li>Work profile on private device</li> <li>Activation on already working device (doesn't require factory reset)</li> <li>Personal and business data separation</li> <li>No access to private part of the device</li> <li>Work profile management</li> <li>Available for Android 7 + devices</li> </ul>
WPC	<ul> <li>Work profile on corporate device</li> <li>Activation on new device or after factory reset</li> <li>Personal and business data separation</li> <li>No access to private part of the device</li> <li>Work profile management</li> <li>Available for Android 11 + devices</li> </ul>
СОВО	<ul> <li>Device owner</li> <li>Activation on new device or after factory reset</li> <li>Entire device for business data only</li> <li>Management of the entire device</li> <li>Available for Android 6 + devices</li> </ul>
	iOS/iPadOS/macOS
BYOD	<ul> <li>Activation on already working device (doesn't require factory reset)</li> <li>Personal and business data separation</li> <li>Business apps and accounts management</li> <li>No access to private part of the device</li> <li>Available for devices with iOS 10 +</li> </ul>
СОВО	<ul> <li>Supervised mode</li> <li>Activation on new device or after factory reset</li> <li>Entire device for business data only</li> <li>Management of the entire device</li> <li>Available for devices with iOS 10 +</li> </ul>
Normal	<ul> <li>Legacy mode for management of the entire device while maintaining privacy of the user</li> <li>With every new iOS version, management options are limited in favor of BYOD and COBO modes</li> <li>Available for devices with iOS 10 +</li> </ul>

#### 2 Features

Features overview		
	Essentials MDM	Essentials MDM with options
Both hosted and on-site setup options	$\checkmark$	. √
SSL certificate support (RSA, ECC)	$\checkmark$	$\checkmark$
Multiple server OS support	×	$\checkmark$
Multi-tenancy support	$\checkmark$	$\checkmark$
Multi-language support	$\checkmark$	$\checkmark$
Web-based User Interface	$\checkmark$	$\checkmark$
Advanced alert management	$\checkmark$	$\checkmark$
Two-factor authentication	$\checkmark$	$\checkmark$
Multiple user roles/permissions	$\checkmark$	$\checkmark$
Fail-over solution	×	$\checkmark$
Multi-OS Application Blacklist alerting	$\checkmark$	$\checkmark$
Secure proxy DMZ	$\checkmark$	$\checkmark$
Support for Exchange ActiveSync Proxy	×	$\checkmark$
Microsoft Certificate Authority support	×	$\checkmark$
Built-in Certificate Authority service	$\checkmark$	$\checkmark$
Status view of implemented policies with the update option	$\checkmark$	$\checkmark$
Custom branding	$\checkmark$	$\checkmark$
Custom language tools	$\checkmark$	$\checkmark$
Time and location security policies	$\checkmark$	$\checkmark$
Car mode (security policies based on the device speed)	$\checkmark$	$\checkmark$
The ability to operate in a fully closed environment (without access to the Internet)	$\checkmark$	$\checkmark$
Managed device analytics	$\checkmark$	$\checkmark$
Shared device mode for Android devices	$\checkmark$	$\checkmark$
Defining and use of Smart Groups for devices	$\checkmark$	$\checkmark$
Protocol of transfer/withdrawal of fixed assets	$\checkmark$	$\checkmark$
Tree structure for device groups (up to 5 levels)	$\checkmark$	$\checkmark$
Service mode restoration in case of loss of connection with the server	$\checkmark$	$\checkmark$

## 3 Integrations

Integrations	<b>Essentials MDM</b>	Essentials MDM with options
Apple DEP and VPP support	$\checkmark$	$\checkmark$
Exchange ActiveSync Control	×	$\checkmark$
Essentials MDM CA	$\checkmark$	$\checkmark$
Microsoft CA	×	$\checkmark$
Managed Google Play store	$\checkmark$	$\checkmark$
YubiKey	×	$\checkmark$
SAML protocol support	$\checkmark$	$\checkmark$
Samsung KNOX configurations and management	$\checkmark$	$\checkmark$
Essentials MDM Lite	$\checkmark$	$\checkmark$
Cisco Umbrella	$\checkmark$	$\checkmark$
Android Enterprise	$\checkmark$	$\checkmark$
Samsung KNOX E-FOTA support	$\checkmark$	$\checkmark$
Zebra StageNow support	$\checkmark$	$\checkmark$
Google zero-touch enrollment	$\checkmark$	$\checkmark$
Multi-user support on the Android platform	$\checkmark$	$\checkmark$
VirusTotal	$\checkmark$	$\checkmark$
Cisco ISE	$\checkmark$	$\checkmark$
AD/LDAP	$\checkmark$	$\checkmark$
Extreme Networks	$\checkmark$	$\checkmark$
Fully customizable Chrome browser	$\checkmark$	$\checkmark$
Essentials MDM tunnel VPN client integration	×	$\checkmark$
Knox Configure integration	$\checkmark$	$\checkmark$
Samsung Knox Mobile Enrollment support	$\checkmark$	$\checkmark$
IBM Verse	$\checkmark$	$\checkmark$
Syslog integrations	√	$\checkmark$
Checkpoint Harmony API	$\checkmark$	$\checkmark$

#### 4 Enrollment

Implementation of Tech	mplementation of Techstep Essentials MDM system on devices - ENROLLMENT												
Functionality		Android	k		iOS/iPadOS	5		macOS					
MANAGEMENT MODE	BYOD	WPC	СОВО	BYOD	СОВО	NORMAL	BYOD	СОВО	NORMAL	NORMAL			
Additional mode description	Work profile on private device	Work profile on corporate device	Device owner/ Fully managed device / Dedicated device	User enrollment	Supervised mode	Legacy mode	User enrollment	Supervised mode	Legacy mode				
Autoenrollment (Google zero- touch/ Apple zero-touch/ Samsung Knox Mobile enrollment)	×	$\checkmark$	$\checkmark$	×	$\checkmark$	×	×	$\checkmark$	×	$\checkmark$			
Use of Smart Groups for registration	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$			
User enrollment:	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$			
SMS enrollment	$\checkmark$	×	Х	$\checkmark$	×	$\checkmark$	$\checkmark$	×	$\checkmark$	$\checkmark$			
Enrollment via the app from the application store	$\checkmark$	$\checkmark$	$\checkmark$	×	×	×	×	×	×	×			
QR code enrollment	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	×	$\checkmark$	$\checkmark$	×	$\checkmark$	$\checkmark$			
SAML protocol enrollment	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	×	$\checkmark$	$\checkmark$	×	$\checkmark$	$\checkmark$			
Implementation via USB cable	$\checkmark$	×	$\checkmark$	×	$\checkmark$	×	×	×	×	$\checkmark$			
Implementation via Android Management API	$\checkmark$	$\checkmark$	×	×	×	×	×	×	×	×			

#### 5 Device details information

Device details informatio	n									
Functionality	A	ndroid			iOS/iPad@	SS		Windows 8.1/10		
MANAGEMENT MODE	BYOD	WPC	COBO	BYOD	COBO	NORMAL	BYOD	COBO	NORMAL	NORMAL
Additional mode description	Work profile on private device	Work profile on corporate device	Device owner/ Fully managed device / Dedicated device	User enrollment	Supervised mode	Legacy mode	User enrollment	Supervised mode	Legacy mode	
OS details	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
List of apps installed on devices (range depends on the management mode)	$\checkmark$	$\checkmark$	$\checkmark$	×	$\checkmark$	$\checkmark$	×	$\checkmark$	$\checkmark$	$\checkmark$
Parameters of access points	$\checkmark$	$\checkmark$	$\checkmark$	×	$\checkmark$	$\checkmark$	×	×	×	$\checkmark$
Hardware parameters (RAM, screen resolution)	$\checkmark$	$\checkmark$	$\checkmark$	×	$\checkmark$	$\checkmark$	×	×	×	$\checkmark$
Memory details	$\checkmark$	$\checkmark$	$\checkmark$	×	$\checkmark$	$\checkmark$	×	$\checkmark$	×	$\checkmark$
Details about Wi-Fi	$\checkmark$	$\checkmark$	$\checkmark$	×	$\checkmark$	$\checkmark$	×	$\checkmark$	×	$\checkmark$
Device ID reporting (IMEI, serial number or UUID)	$\checkmark$	~	~	×	~	$\checkmark$	×	~	$\checkmark$	$\checkmark$
SIM ID reporting: IMSI, serial number	$\checkmark$	~	√	×	~	$\checkmark$	×	~	×	$\checkmark$
Bluetooth registry information	$\checkmark$	$\checkmark$	$\checkmark$	×	×	×	×	×	×	×
Memory card information	$\checkmark$	$\checkmark$	$\checkmark$	×	×	×	×	×	×	$\checkmark$
Operator detection	$\checkmark$	$\checkmark$	√	×	~	$\checkmark$	×	×	×	$\checkmark$
Location information	$\checkmark$	$\checkmark$	$\checkmark$	×	$\checkmark$	$\checkmark$	×	$\checkmark$	×	$\checkmark$
Device administrators list	$\checkmark$	$\checkmark$	$\checkmark$	×	×	×	×	×	×	×

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#### 6 Device features and restrictions

#### Device features and restrictions

Device features and rest	rictions									
Functionality		Android	k		iOS/iPadOS	6		macOS		Windows 8.1/10
MANAGEMENT MODE	BYOD	WPC	СОВО	BYOD	COBO	NORMAL	BYOD	COBO	NORMAL	NORMAL
Additional mode description	Work profile on private device	Work profile on corporate device	Device owner/ Fully managed device / Dedicated device	User enrollment	Supervised mode	Legacy mode	User enrollment	Supervised mode	Legacy mode	
Camera lock (locked camera depends on the management mode)	×	×	$\checkmark$	×	$\checkmark$	√	×	$\checkmark$	$\checkmark$	$\checkmark$
Factory reset lock	×	×	$\checkmark$	×	$\checkmark$	$\checkmark$	×	$\checkmark$	×	$\checkmark$
Unknown sources lock (range depends on the management mode)	$\checkmark$	$\checkmark$	$\checkmark$	×	$\checkmark$	$\checkmark$	×	$\checkmark$	×	$\checkmark$
NFC lock	$\checkmark$	$\checkmark$	$\checkmark$	×	×	×	×	×	×	$\checkmark$
Memory card lock	×	×	$\checkmark$	×	×	×	×	×	×	$\checkmark$
Data transfer between private and work part lock	$\checkmark$	$\checkmark$	×	×	×	×	×	×	×	$\checkmark$
Screen capture lock (range depends on the management mode)	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	×	×	×	$\checkmark$
USB file manager lock	×	$\checkmark$	$\checkmark$	×	×	×	×	×	×	$\checkmark$
Microphone lock	×	×	$\checkmark$	×	×	×	×	×	×	$\checkmark$
Cellular data lock	×	$\checkmark$	$\checkmark$	×	×	×	×	×	×	×
Cellular data lock in roaming	×	$\checkmark$	$\checkmark$	×	×	×	×	×	×	$\checkmark$
GPS/location lock	$\checkmark$	$\checkmark$	$\checkmark$	×	×	×	×	×	×	$\checkmark$
Enable and maintain	×	×	$\checkmark$	×	$\checkmark$	×	×	×	×	×

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GPS/location										
Developer options lock	×	×	$\checkmark$	×	×	×	×	×	×	×
USB debugging lock	$\checkmark$	$\checkmark$	$\checkmark$	×	×	×	×	×	×	×
Web browser lock (range depends on the management mode)	$\checkmark$	√	$\checkmark$	×	√	$\checkmark$	×	×	×	$\checkmark$
Microphone on/off	×	×	$\checkmark$	×	×	×	×	$\checkmark$	×	$\checkmark$
Camera on/off (range depends on the management mode)	$\checkmark$	$\checkmark$	$\checkmark$	×	$\checkmark$	$\checkmark$	×	$\checkmark$	×	$\checkmark$
Multi-window lock	×	×	$\checkmark$	×	×	×	×	×	×	×
Safe/emergency mode lockout	×	×	$\checkmark$	×	×	×	×	×	×	×
Certificate store access lock (scope depends on the management mode)	$\checkmark$	√	$\checkmark$	×	×	×	×	×	×	×
Certificates installation	$\checkmark$	$\checkmark$	$\checkmark$	×	$\checkmark$	$\checkmark$	×	$\checkmark$	$\checkmark$	$\checkmark$
Possibility to send files to a device	×	$\checkmark$	1	×	×	×	×	×	×	$\checkmark$
Phone settings access lock	×	×	$\checkmark$	×	×	×	×	×	×	$\checkmark$
Copy/paste lock	$\checkmark$									
Possibility to define default applications for opening files of the following types: doc, xls, ppt, pdf	$\checkmark$	√	√	×	×	×	×	×	×	$\checkmark$
Date and time settings change lock	$\checkmark$	$\checkmark$	$\checkmark$	×	$\checkmark$	×	×	×	×	$\checkmark$
Manual accounts add lock (application store, email, exchange; range depends on the management mode)	$\checkmark$	$\checkmark$	$\checkmark$	×	~	×	×	×	×	√

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		1								
Enabling / disabling the option to restore a backup from a Google account	$\checkmark$	$\checkmark$	~	×	×	×	×	×	×	×
Disabling Samsung Galaxy Store	×	×	$\checkmark$	×	×	×	×	×	×	×
Remote reboot	$\checkmark$	√	$\checkmark$	~	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Disable content suggestions on your device	×	$\checkmark$	~	×	×	×	×	×	×	×
Disable content capture on the device	×	$\checkmark$	$\checkmark$	×	×	×	×	×	×	×
Disable SMS	×	$\checkmark$	$\checkmark$	×	×	×	×	×	×	$\checkmark$
Turn off location sharing on your device	×	$\checkmark$	×	×	×	×	×	×	×	$\checkmark$
Service mode with additional pin code	×	√	~	×	×	×	×	×	×	×
Possibility to block outgoing calls	$\checkmark$	√	$\checkmark$	×	×	×	×	×	×	×
Reporting user-triggered application uninstallation	$\checkmark$	√	~	×	×	×	×	×	×	×
Invoking URL on a device	$\checkmark$	~	$\checkmark$	×	×	×	×	×	×	×
Invoking intent on a device	$\checkmark$	$\checkmark$	$\checkmark$	×	×	×	×	×	×	×

## 7 App management features

App management featu	res									
Functionality		Android		iC	s/iPadOs	5		macOS	Windows 8.1/10	
MANAGEMENT MODE	BYOD	WPC	СОВО	BYOD	COBO	NORMAL	BYOD	COBO	NORMAL	NORMAL
Additional mode description	Work profile on private device	Work profile on corporate device	Device owner/ Fully managed device / Dedicated device	User enrollment	Supervised mode	Legacy mode	User enrollment	Supervised mode	Legacy mode	
Application distribution	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	√
Application removal	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Application list reporting	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Application reputation status/control	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Application configuration	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Application password policy	×	X	$\checkmark$	×	×	×	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Remote application start	$\checkmark$	$\checkmark$	$\checkmark$	×	×	×	×	×	X	×
Corporate AppStore	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Application permission control	$\checkmark$	$\checkmark$	$\checkmark$	×	×	×	×	$\checkmark$	×	×
Application installation from defined network (e.g. corporate Wi-Fi)	$\checkmark$	$\checkmark$	$\checkmark$	×	×	×	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
User installation blocked	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	×	$\checkmark$	$\checkmark$	$\checkmark$
Installation blocked from unknown sources	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	×	×	×	×
Force the use of Google Play Protect	$\checkmark$	$\checkmark$	$\checkmark$	×	×	×	×	×	×	×
Clear application data	$\checkmark$	$\checkmark$	$\checkmark$	Х	×	×	×	X	×	×
Notification handling on managed apps	×	×	×	$\checkmark$	$\checkmark$	$\checkmark$	×	$\checkmark$	×	×
Don't allow data sharing from	$\checkmark$	$\checkmark$	$\checkmark$	X	×	×	×	×	×	×

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#### unmanaged apps

## 8 Security

Security										
Functionality		Androi	d	i	OS / iPadO	DS	macOS			Windows 8.1/10
MANAGEMENT MODE	BYOD	WPC	СОВО	BYOD	COBO	NORMAL	BYOD	COBO	NORMAL	NORMAL
Additional mode description	Work profile on private device	Work profile on corporate device	Device owner/ Fully managed device / Dedicated device	User enrollment	Supervised mode	Legacy mode	User enrollment	Supervised mode	Legacy mode	
Remote lock	$\checkmark$	$\checkmark$	$\checkmark$	×	$\checkmark$	X	X	$\checkmark$	$\checkmark$	$\checkmark$
Remotely restore the device to factory settings	×	$\checkmark$	$\checkmark$	×	$\checkmark$	×	×	$\checkmark$	$\checkmark$	$\checkmark$
Corporate data wipe	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Restore device to factory settings when there is no SIM card or it is replaced	×	$\checkmark$	$\checkmark$	×	×	×	×	×	×	$\checkmark$
Corporate data wipe when there is no SIM card or it is replaced	×	$\checkmark$	$\checkmark$	×	×	×	×	×	×	×
Wipe on root/jailbreak detection	×	×	$\checkmark$	×	$\checkmark$	$\checkmark$	×	×	×	×
Factory Reset/ Activation Protection (FRP)	×	$\checkmark$	$\checkmark$	×	$\checkmark$	×	×	×	×	×
Auto-lock policy	$\checkmark$	$\checkmark$	$\checkmark$	×	$\checkmark$	$\checkmark$	×	$\checkmark$	×	$\checkmark$
Password policies	$\checkmark$	$\checkmark$	$\checkmark$	×	$\checkmark$	$\checkmark$	×	$\checkmark$	$\checkmark$	$\checkmark$
Wipe on X password attempts	$\checkmark$	$\checkmark$	√	×	$\checkmark$	$\checkmark$	×	$\checkmark$	$\checkmark$	$\checkmark$
SIM change reporting	$\checkmark$	$\checkmark$	√	×	$\checkmark$	$\checkmark$	×	×	×	$\checkmark$
Anti-virus application management	$\checkmark$	$\checkmark$	$\checkmark$	×	×	×	×	×	×	×

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Phone memory encryption	$\checkmark$	$\checkmark$	$\checkmark$	×	$\checkmark$	$\checkmark$	X	$\checkmark$	$\checkmark$	$\checkmark$
Installation restrictions	$\checkmark$	$\checkmark$	$\checkmark$	×	$\checkmark$	$\checkmark$	×	$\checkmark$	×	$\checkmark$
Blocking the uninstallation of the application	√	$\checkmark$	√	$\checkmark$	$\checkmark$	$\checkmark$	×	$\checkmark$	×	$\checkmark$
Device reboot	X	×	$\checkmark$	X	$\checkmark$	$\checkmark$	Х	$\checkmark$	X	×
Device shutdown	×	×	$\checkmark$	X	$\checkmark$	$\checkmark$	X	$\checkmark$	X	×
Selective data wipe	$\checkmark$									
Block data transfer between private and business applications	$\checkmark$	$\checkmark$	×	×	$\checkmark$	$\checkmark$	×	×	×	×
Screen lock during enrollment for the time of uploading all elements of the policy.	×	×	$\checkmark$	×	×	×	×	×	×	×
Disable the ability to connect external physical media	×	$\checkmark$	$\checkmark$	×	×	×	×	×	×	×

## 9 Operating system version control

Operating system version control												
Functionality	Android			iOS/iPadOS			macOS			Windows 8.1/10		
MANAGEMENT MODE	BYOD	WPC	СОВО	BYOD	СОВО	NORMAL	BYOD	СОВО	NORMAL			
Additional mode description	Work profile on private device	Work profile on corporate device	Device owner/ Fully managed device / Dedicated device	User enrollment	Supervised mode	Legacy mode	User enrollment	Supervised mode	Legacy mode			
User update lock	×	×	$\checkmark$	X	X	X	X	$\checkmark$	×	$\checkmark$		
Remote installation of the update	×	×	$\checkmark$	×	$\checkmark$	×	×	$\checkmark$	×	×		
Update installation delay	X	X	$\checkmark$	X	$\checkmark$	X	X	$\checkmark$	×	Х		
Force update installation	X	X	$\checkmark$	X	X	X	X	$\checkmark$	X	Х		

## 10 Network settings

Network settings										
Functionality	Android			iOS/iPadOS			macOS			Windows 8.1/10
MANAGEMENT MODE	BYOD	WPC	СОВО	BYOD	СОВО	NORMAL	BYOD	СОВО	NORMAL	
Additional mode description	Work profile on private device	Work profile on corporate device	Device owner/ Fully managed device / Dedicated device	User enrollment	Supervised mode	Legacy mode	User enrollment	Supervised mode	Legacy mode	
Access point (APN) configuration	×	×	$\checkmark$	×	$\checkmark$	$\checkmark$	×	×	×	$\checkmark$
WLAN configuration	$\checkmark$	$\checkmark$	$\checkmark$	X	$\checkmark$	$\checkmark$	Х	$\checkmark$	$\checkmark$	$\checkmark$
WLAN EAP-TLS configuration	$\checkmark$	$\checkmark$	$\checkmark$	X	$\checkmark$	$\checkmark$	Х	$\checkmark$	$\checkmark$	$\checkmark$
Managed networks change lock	$\checkmark$	$\checkmark$	$\checkmark$	×	×	×	×	×	×	×
Wi-Fi tethering lock	X	$\checkmark$	$\checkmark$	X	$\checkmark$	Х	Х	Х	X	×
USB tethering lock	X	$\checkmark$	$\checkmark$	X	Х	Х	Х	Х	Х	×
Manual Wi-Fi configuration lock	×	×	$\checkmark$	×	$\checkmark$	×	×	×	×	$\checkmark$
Internet sharing lock	X	X	$\checkmark$	X	Х	Х	Х	Х	Х	$\checkmark$
VPN configuration	$\checkmark$	$\checkmark$	$\checkmark$	X	$\checkmark$	$\checkmark$	Х	$\checkmark$	$\checkmark$	$\checkmark$
VPN configuration with YubiKey hardware tokens authorization	$\checkmark$	$\checkmark$	$\checkmark$	×	×	×	×	×	×	×

#### 11 Remote support

Remote support										
Functionality	Android			iOS/iPadOS			macOS			Windows 8.1/10
MANAGEMENT MODE	BYOD	WPC	СОВО	BYOD	СОВО	NORMAL	BYOD	COBO	NORMAL	
Additional mode description	Work profile on private device	Work profile on corporate device	Device owner/ Fully managed device / Dedicated device	User enrollment	Supervised mode	Legacy mode	User enrollment	Supervised mode	Legacy mode	
Remote access - view only	$\checkmark$	$\checkmark$	$\checkmark$	×	×	×	×	×	×	$\checkmark$
mode	V	V	V	^	~	~	~	^	~	V
Remote access to screen and										
keyboard:										
ightarrow Samsung										
$\rightarrow$ Zebra										
$\rightarrow$ myPhone										
$\rightarrow$ Custom										
$\rightarrow$ Hammer										
→ Huawei	$\checkmark$	$\checkmark$	$\checkmark$	×	×	×	×	×	×	$\checkmark$
→ Panasonic	v	, v	, v							, v
$\rightarrow$ Senter										
→ Lenovo										
$\rightarrow$ M3										
$\rightarrow$ Xplore										
$\rightarrow$ Bluebird										
* the list of individual models is										
available <u>HERE</u>										
Visual remote file browsing										
(operations, upload, download,	$\checkmark$	$\checkmark$	$\checkmark$	×	×	×	×	×	×	$\checkmark$
run etc.)										

#### 12 Other features

Other features										
Functionality		Android			iOS/iPadOS			macOS		
MANAGEMENT MODE	BYOD	WPC	СОВО	BYOD	СОВО	NORMAL	BYOD	СОВО	NORMAL	
Additional mode description	Work profile on private device	Work profile on corporate device	Device owner/ Fully managed device	User enrollment	Supervised mode	Legacy mode	User enrollment	Supervised mode	Legacy mode	
Security policies:										
time location speed (car mode)	×	×	$\checkmark$	×	×	×	×	×	×	$\checkmark$
Message to user	$\checkmark$	$\checkmark$	$\checkmark$	×	$\checkmark$	$\checkmark$	×	×	×	Х
Secure SSL connection	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Data encryption	$\checkmark$	$\checkmark$	$\checkmark$	×	$\checkmark$	$\checkmark$	×	$\checkmark$	$\checkmark$	$\checkmark$
Business phonebook	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	×	×	×	×
Sound settings	$\checkmark$	$\checkmark$	$\checkmark$	×	×	×	×	×	×	$\checkmark$
Wallpaper settings	X	×	$\checkmark$	×	$\checkmark$	×	×	×	×	$\checkmark$

## 13 COSU mode (kiosk mode) for dedicated devices

COSU mode (kiosk mode) possibilities - all of the abo	ve and belo	w:
Functionality	Android	iOS/iPadOS
MANAGEMENT MODE	COSU	СОВО
Additional mode description	Dedicated device	Supervised mode
One app mode	$\checkmark$	$\checkmark$
Many apps mode (Launcher start screen)	$\checkmark$	X
Upload the wallpaper to the home screen	$\checkmark$	X
Upload the wallpaper to the lock screen	$\checkmark$	$\checkmark$
Status bar visibility	$\checkmark$	×
Customizable logo and message text on the lock screen	$\checkmark$	×
Custom settings bar	$\checkmark$	×
Wi-Fi option	$\checkmark$	×
Restart device option	$\checkmark$	X
Brightness option	$\checkmark$	X
Volume change option	$\checkmark$	X
Customizable grid / list	$\checkmark$	X
Zoom mode	$\checkmark$	X
Customizable app background	$\checkmark$	X
Customizable header with logo	$\checkmark$	×
Device info page with up to 8 custom fields	$\checkmark$	×
Optional support button with possibility to make a call	$\checkmark$	×
Possibility to add different views of the same application (ActivityName)	~	×
Possibility to define default applications for opening files of the following types: doc, xls, ppt, pdf	~	×
Volume change control	$\checkmark$	$\checkmark$
Keyboard protection	$\checkmark$	×
Power button lock	$\checkmark$	$\checkmark$
Home button lock	$\checkmark$	×
Recent apps button Lock	$\checkmark$	×
Notifications lock	$\checkmark$	$\checkmark$
Display of system information on the status bar lock	$\checkmark$	$\checkmark$
Touch screen lock	×	$\checkmark$
Screen rotation lock	$\checkmark$	$\checkmark$
Service mode with an additional PIN code to disable KIOSK mode	$\checkmark$	×

## 14 Additional management and security features depending on the manufacturer of Android devices

Samsung			
Functionality		Android	b
MANAGEMENT MODE	BYOD	WPC	СОВО
Additional mode description	Work profile on private device	Work profile on corporate device	Device owner/ Fully managed device / Dedicated device
Block incoming calls	×	×	$\checkmark$
Block incoming SMS messages	×	×	$\checkmark$
Block incoming MMS messages	×	×	$\checkmark$
Operating system version control by Samsung E-FOTA	$\checkmark$	$\checkmark$	$\checkmark$
Voice recording lock in recording apps	×	×	$\checkmark$
Block of individual bluetooth interface profiles (A2DP, AVRCP, HFP, HSP, PBAP, SPP, file transfer)	×	×	$\checkmark$
Task manager lock	×	×	$\checkmark$
NFC lock	×	×	$\checkmark$
Block airplane mode	×	$\checkmark$	$\checkmark$
Multi-window lock	×	×	$\checkmark$
Remote access to screen and keyboard	$\checkmark$	$\checkmark$	$\checkmark$
SIM card pin code management	×	×	$\checkmark$
Common Criteria mode activation	×	×	$\checkmark$
Support for a dedicated access point (Enterprise billing)	$\checkmark$	$\checkmark$	$\checkmark$
Samsung Knox Service Plugin support, including:	$\checkmark$	$\checkmark$	$\checkmark$
Separate applications policy	×	×	$\checkmark$
Advanced DeX mode settings	×	×	$\checkmark$
Advanced VPN configuration	$\checkmark$	$\checkmark$	$\checkmark$
Advanced firewall configuration	$\checkmark$	$\checkmark$	$\checkmark$
Force specified language of the device menu	×	×	$\checkmark$
Configuration of the SIM card in the second slot	×	×	$\checkmark$
Adjust the availability of items in device settings	×	×	$\checkmark$
Possibility to name the work profile and private part	$\checkmark$	$\checkmark$	×

Zebra	
Functionality	Android
MANAGEMENT MODE	СОВО
Additional mode description	Device owner/ Fully managed device / Dedicated device
Advanced operating system version management - Zebra LifeGuard	$\checkmark$
Support for advanced Zebra StageNow configurations	$\checkmark$
Zebra OEMConfig powered by MX support, including:	$\checkmark$
RFID settings	$\checkmark$
Scanner settings	$\checkmark$
Advanced camera settings	$\checkmark$
DataWedge feature	$\checkmark$
Advanced Bluetooth configuration	$\checkmark$
Operating system version management	$\checkmark$
File management	$\checkmark$
Advanced customization of the visual elements of the device	$\checkmark$
Adjust the availability of items in device settings	$\checkmark$
Sound settings	$\checkmark$
Manage the automatic start of the device	$\checkmark$

Honeywell	
Functionality	Android
MANAGEMENT MODE	СОВО
Additional mode description	Device owner/ Fully managed device / Dedicated device
Honeywell OEMConfig, including:	$\checkmark$
Advanced network settings	$\checkmark$
Scanner settings	$\checkmark$
Peripherals settings (e.g. Defroster, Dock, Heater, Touch)	$\checkmark$
Operating system version management	$\checkmark$
Sensor settings	$\checkmark$
Printing settings	$\checkmark$
Sound settings	$\checkmark$
Manage the automatic start of the device	$\checkmark$

## 15 Additional management and security features depending on the Apple platform (iOS/macOS/tvOS)

Apple					
Functionality		iOS		macOS	tvOS
MANAGEMENT MODE	BYOD	СОВО	NORMAL		
Additional mode description	User enrollment	Supervised mode	Legacy mode		
Network policy					
Turn off cellular plan modification	X	$\checkmark$	X	X	X
Block background downloads when roaming	×	~	$\checkmark$	×	×
Block voice dialing if device is password locked	×	√	√	×	×
Block cellular data modification for apps	×	√	×	×	×
Disable host pairing	X	$\checkmark$	X	×	X
Hardware Policy					
Disable remote screen viewing by the					
Classroom app	×	$\checkmark$	$\checkmark$	$\checkmark$	×
Prevent Siri from querying user-	×	~	×	×	×
generated content from the web			X	X	
Disable automatic keyboard correction	×	$\checkmark$	X	X	X X
Disable incoming AirPlay requests Disable biometric modification	X	$\checkmark$	×	X X	X
Forced biometric timeout	×			$\checkmark$	
	×	× √	×	×	X X
Disable keyboard shortcuts Disable spell check on keyboard	×	 √			
Block Photo Stream	×	√	×	X X	X X
Block the creation of untrusted TLS	~	V	V	~	~
connections	×	$\checkmark$	$\checkmark$	×	×
Don't allow certificate trust database update	×	$\checkmark$	$\checkmark$	×	×
Disable modification of notification settings	×	$\checkmark$	×	×	×
Turn off pairing watches	×	$\checkmark$	×	×	X
Disable password modification	×	$\checkmark$	×	$\checkmark$	X
Block device name modification	×	$\checkmark$	×	×	$\checkmark$
Disable diagnostic data transfer modification	×	~	×	×	×
Disable dictation	×	$\checkmark$	X	$\checkmark$	×
Turn off screen time	×	$\checkmark$	X	×	X
Disable wallpaper modification	×	$\checkmark$	X	$\checkmark$	X
Force assistant profanity filter	×	√	×	$\checkmark$	X

Installer Policy					
-	X		X		
Disable App Store	X	$\checkmark$	X	×	X
Prohibit the user from installing		,			
configuration profiles interactively and	×	$\checkmark$	×	×	X
certificates					
Application limitations					
Block iCloud Private Relay	X	$\checkmark$	Х	$\checkmark$	×
Turn off iTunes	×	$\checkmark$	×	×	×
Force user to enter iTunes password for	×	$\checkmark$	$\checkmark$	×	×
every transaction	~	<b>`</b>	• 		
Disable changes in Find My Friends	×	$\checkmark$	×	×	×
Block trusting corporate apps	×	$\checkmark$	$\checkmark$	×	×
Block in-app purchases	×	$\checkmark$	$\checkmark$	×	×
Block Passbook Notifications on Lock	~	,	,		
Screen	×	$\checkmark$	$\checkmark$	×	×
Enforce limited ad tracking	×	$\checkmark$	$\checkmark$	×	×
Disable AutoFill in Safari	×	$\checkmark$	Х	$\checkmark$	×
Disable JavaScript in Safari	×	$\checkmark$	$\checkmark$	×	×
Block Popups in Safari	×	$\checkmark$	$\checkmark$	×	×
Cookie management accepted by					
Safari	X	$\checkmark$	$\checkmark$	×	×
Disable game center	X	$\checkmark$	X	$\checkmark$	X
Disable adding friends to Game Center	X	√	X	√	X
Block multiplayer games	X	$\checkmark$	X	$\checkmark$	X
Disable App Removal	X	 √	X	×	X
Prevent apps purchased on another		<b>v</b>			
device from automatically	×	✓	×	×	×
downloading	~	v v	~		
Remove the BookStore tab from the					
	×	$\checkmark$	×	$\checkmark$	×
Books app					
Disable downloading of Apple Books	×	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
media tagged as erotic	~ ~ ~			~ ~ ~	
Turn off iMessage	×	$\checkmark$	X	×	X
Hide uncensored music or videos	×	$\checkmark$	Х	$\checkmark$	$\checkmark$
purchased from the iTunes Store					
Disable connecting to network drives in	×	$\checkmark$	Х	×	×
the Files app					
Disable connecting to any connected	×	$\checkmark$	X	×	×
USB devices in the Files app					
Disable the News app	X	$\checkmark$	X	×	X
Disable podcasts	X	$\checkmark$	X	$\checkmark$	X
Turn off Apple Music Radio	X	$\checkmark$	X	×	X
Disable Shared Photo Stream	X	$\checkmark$	$\checkmark$	×	X
Hide FaceTime App	×	$\checkmark$	×	×	×
Force auto-join Classroom classes	×	$\checkmark$	×	$\checkmark$	X
Require permission to leave Classroom	X	$\checkmark$	Х	$\checkmark$	×

Force self-lock apps and devices in Classroom	×	$\checkmark$	×	$\checkmark$	×
Force uninvited screen observation in Classroom	×	$\checkmark$	×	$\checkmark$	×