iOS

Defense-grade security. End to end

BES12: EMM FOR SAMSUNG KNOX

Protect your business data and increase workforce productivity

BES®12 is a complete, highly secure Enterprise Mobility Management (EMM) solution that is designed to protect your business data and increase the productivity of your workforce by fully enabling their mobility.

Securely manage Samsung KNOX™-enabled devices across different ownership models (personally owned or corporate liable devices). Manage your mobile workers' access to apps, data and content. Do it all from a single, easy-to-use console that offers a complete set of IT policies and profiles to suit your needs and preferences.

Samsung KNOX: Defense-grade security for Android

Satisfy enterprise security requirements without compromising business data or employee privacy. Samsung KNOX brings an enhanced user experience and enables BYOD, COPE, and COBO scenarios by delivering robust hardware and software-integrated security for the Android™ platform.

What's new in BES12 v12.3?

In addition to workspace controls offered for corporate-owned scenarios (COPE and COBO), BYOD deployments in high-security environments can now activate the KNOX Workspace with User Privacy mode for smartphones and tablets.

IT Administrators have full control over the KNOX Workspace, while users retain privacy and control over their personal space and the overall device experience.

BES12 + Samsung KNOX

BlackBerry® and Samsung have a strategic partnership to deliver the most secure, end-to end Android solution to our enterprise customers. BES12 provides a single, hardened EMM solution for Samsung KNOX-enabled devices, bringing together secure connectivity with device, applications, and data management. The combination of BES12 and Samsung KNOX translates to uncompromised corporate security and employee privacy for your organization:

› Flexible ownership and usage models (BYOD, COPE, COBO)

› End-to-end security for Samsung devices with KNOX™ Workspace and BlackBerry® Secure Connect Plus[1]

› Retain user privacy by keeping personal information separate

::: BlackBerry. | **ENTERPRISE**

Enhanced security

Samsung KNOX offers significant security enhancements to the core Android framework. It protects device integrity, reduces threats that bypass application security mechanisms and minimizes damage from flawed applications.

KNOX adds and modifies security mechanisms in each layer of the Android stack, from the hardware all the way to the application layer, without compromising Android compatibility. BES12 separates work and personal data by enabling the KNOX Workspace. BlackBerry Secure Connect Plus provides an additional layer of security for data-in-transit.

Reduced complexity

BES12 provides a unified management console that is designed to simplify IT administration. BlackBerry Secure Connect Plus eliminates the need for managing mobile VPNs (potential cost savings) and enhances the user experience when streaming multi-media applications behind the firewall.
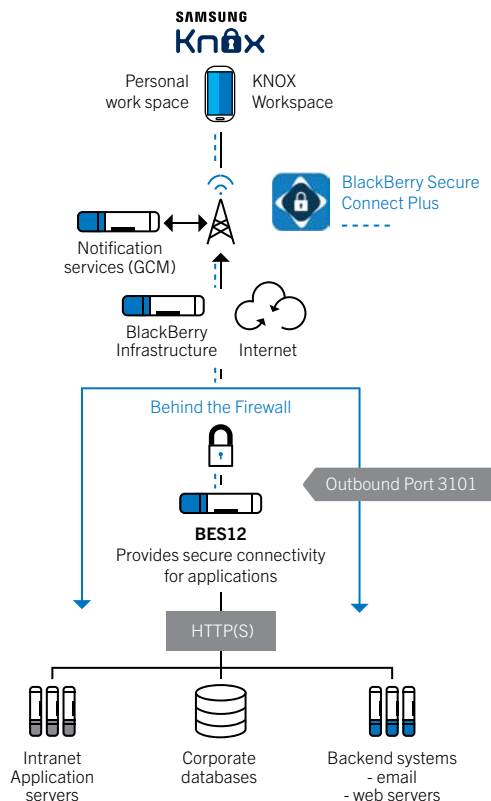
BES12 support for Samsung KNOX and KNOX Workspace

MDM Controls (Silver)[1,2,3]	Work and Personal (Gold)[1,2,4] Full Control | User Privacy | Workspace Only
IT Policies	
› Phone, SMS, MMS, S Voice, camera, A/V recording	› A/V recording, peripheral connections, SD Card, NFC, Bluetooth
› Browser, roaming, mobile data, OTA settings	› KNOX browser settings — cookies, auto-full, JavaScript
› Peripherals, SD Card, NFC, Wi-Fi® profile change, Wi-Fi Direct	› Keyguard trust agent
› Tethering — Wi-Fi, USB, Bluetooth®	› Google auto-sync, send crash reports to Google
› Google auto-sync, send crash reports to Google	› Container password, two-factor authentication password
› Force automatic time sync	› Synchronize personal/work PIM
› Passwords, fast encryption, internal storage, host storage	› Import/ export data between personal and work spaces
› Factory reset, firmware recovery	› Screen capture, non-secure keypad, 'Share via' list
› Developer mode, USB debugging	› PAC file support, other device admin applications
› Change date/time manually	› Certificate revocation (CRL), OSCP check for apps
	› NIAP Common Criteria functionality
Applications	
› Google Services - Gmail, Google Play™, Android Backup Service	› Google Services, install public apps, whitelist/blacklist apps to KNOX workspace
› Non-Google apps, whitelist/blacklist apps	› Apps leverage BlackBerry® Secure Connectivity Plus behind the firewall
› Silent install/update work apps, prevent app uninstall	
Enterprise Management	
› License activation	› Enable container mode only, KNOX User Privacy
› Certificate management	› TIMA Client Certificate Management (CCM)
› Add email accounts, multiple user accounts	› Email account configuration, add email accounts, ODE-trusted boot verification
› Device lock/unlock, reset/clear password, enterprise data-wipe	› Enable VPN authentication (IPSec,SSL), BlackBerry Secure Connect
› Kiosk mode[5]	› Proxy Server and PAC support for KNOX activation types[6]

SAMSUNG KNOX

Personal work space — KNOX Workspace

BlackBerry Secure Connect Plus

Notification services (GCM)

BlackBerry Infrastructure — Internet

Behind the Firewall

Outbound Port 3101

BES12
Provides secure connectivity for applications

HTTP(S)

Intranet Application servers — Corporate databases — Backend systems
- email
- web servers

For more details visit **blackberry.com/knox**

::: BlackBerry.