# SAMSUNG KNOX SERVICE PLUGIN (KSP)

The Knox Service Plugin (KSP) is the latest Samsung Solution that enables OEMConfig on Samsung mobile devices. The KSP solution will support a best-in-class subset of all the Knox Premium Enterprise features. The solution was launched at MWC in Barcelona on February 25th, 2019.

Knox Service Plugin main purpose is to offer customers immediate access to new, and updated, Knox features offer by Samsung. Today KSP is offering services to all Samsung phone devices, the strategy is to extend the services to all other Samsung devices, Wearables & Displays, in the future.
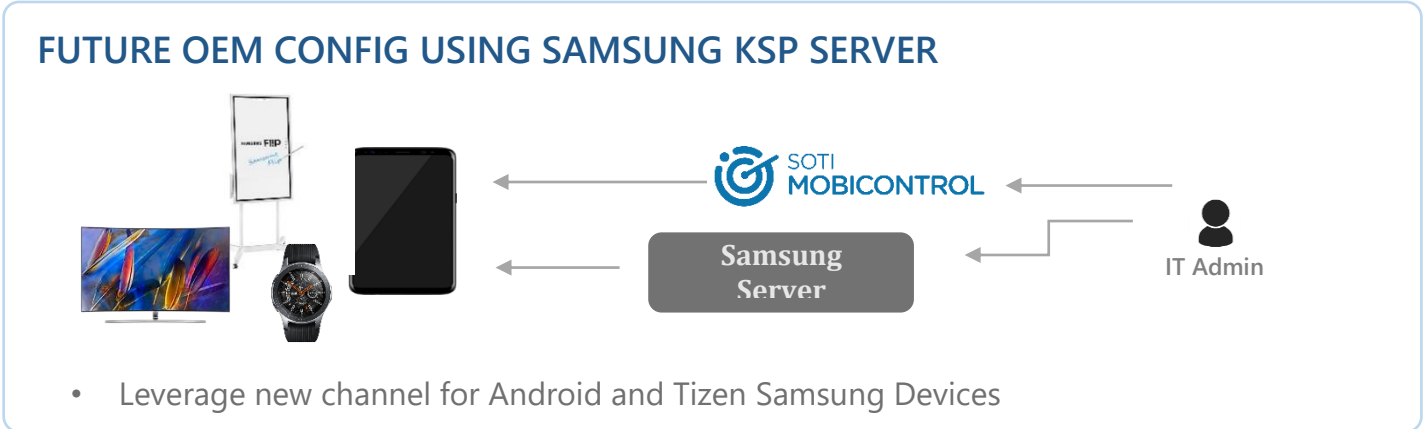
CURRENT OEM CONFIG CONFIGURATION:

SUPPORT OEMCONFIG BASED CONFIGURATION OF KNOX POLICIES

KSP Agent published on Play store and supports Knox policies as OEMConfig
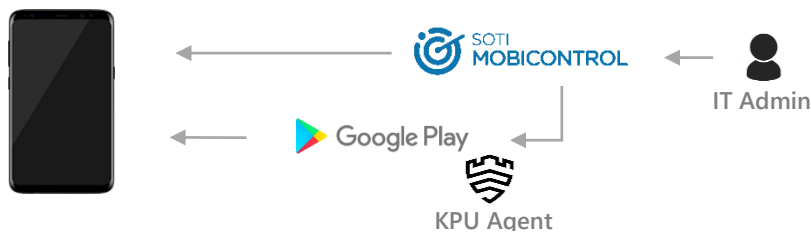
- Leverage investment in managed Play store and XML driven UI to enable Knox policies on Android devices with minimal work

- End customer can use KSP Agent for setting any Knox policy that is not natively supported by SOTI

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SAMSUNG OEM CONFIG FUTURE PROPOSAL:

FUTURE OEM CONFIG USING SAMSUNG KSP SERVER

SOTI MOBICONTROL

Samsung Server

IT Admin

- Leverage new channel for Android and Tizen Samsung Devices

CURRENT KNOX FEATURES AVAILABLE IN KSP:

POLICY	DEPLOYMENT MODE
Knox VPN • Device wide, user wide & per-app VPN • Proxy with VPN • Blacklist apps • Chaining	DO (fully managed device) PO (Knox workspace) and COPE (fully managed device with workspace
Samsung DeX • Enable or disable DeX • Enforce ethernet, virtual MAC • Disable packages in DeX mode • Setup loading logo • Configure Home screen alignment • Add app and URL shortcuts • Setup screen timeout More new policies • Skip welcome screen & setup wizard in DeX mode • Disable overscan of monitor when connected in DeX • Hide app icons in app drawer when in DeX mode	DO (fully managed device) and COPE (fully managed device with workspace
Advanced restrictions • Allow Wifi and BLE Scanning (disable background Wi-Fi and BLE scan to improve location)	DO (fully managed device) and COPE (fully managed device with workspace
RCS control	DO (fully managed device) and COPE (fully managed device with workspace
Authentication controls • setBiometricAuthenticationEnabled (enable/disable Fingerprint, Iris and Face Recognition)	DO (fully managed device) PO (Knox workspace) and COPE (fully managed device with workspace

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As the solutions continues to evolve, key features will be supported first.
A second set of features will be implemented in the near future; Network analytics, NPA, Two Factor Authentication, Common Criteria Mode.

KNOX SERVICE PLUGIN CURRENT DEPLOYMENT MODE

KSP Support

- KSP supports only Android Enterprise based deployments (does not work with legacy Knox CL/COM)

COBO	COPE	BYOD
Fully Managed Device	**Fully Managed with Knox Workspace**	**Knox Workspace**
Android O (8.x) & Knox 3.0[#1]	Android P (9.x) & Knox 3.2.1[#2]	Android P (9.x) & Knox 3.2.1

#1 On Android O, KSP cannot activate KPE Premium License, UEM Agent has to support it

⚠ #2 Even though KSP supports COPE mode, end customers cannot use it until UEMs complete additional development, for their console to support managed Play in both User 0 (personal space) and within work profile

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Example of KSP representation of DeX on MobiCotrol:

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SAMSUNG KNOX MOBILE ENROLLMENT (KME)

KNOX Mobile Enrollment (KME) is a Samsung solution that makes enrolling thousands of devices into an MDM quick and easy. To provision devices, one simply needs to connect a device to the Internet (out of the box). Once the device is connected, it reaches out to the Samsung Cloud servers and if configured by the Administrator, is provisioned with SOTI MobiControl policies. Is the quickest and most automated way to enroll your enterprise devices.

You can manage your KME

Key Benefits of KME;

This solution is completely free.

It works with Wi-Fi or 3G/4G for the initial device setup process.

Enrollment via NFC also available.

Enrolled devices can't be tampered with. Even if a KME-enrolled device is factory reset, the MDM/EMM software will be automatically reinstalled and the user will be re-enrolled.

KME AT A GLANCE:

1. Administrator logs on to the Samsung Knox Portal for KME
2. Administrator configures MDM profile with:
   a. Latest Samsung ELM agent
      i. From SOTI.net/OEM
   b. Configure JSON parameter with EnrollmentID
3. Administrator adds their device(s) to the Samsung Portal (not necessary if the devices have already been added by an authorized reseller)
4. Connect device to internet and automatically enroll into MC
5. Accept ELM activation prompt and any additional EULAs on the device.

REQUIREMENTS:

- KNOX 2.4 and above devices
- Samsung Knox Account with access to Knox Mobile Enrollment
- MobiControl 13.3 MR 11 (B3851) or higher
- MobiControl Samsung ELM agent 13.3 MR11 (B3851) or higher

To learn more about KME, please visit https://www.samsungknox.com/me

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