

SAMSUNG



# Samsung Knox Configure (KC)

SEPT 2020 - v1.1

Samsung Electronics





# Deployment Never Easy

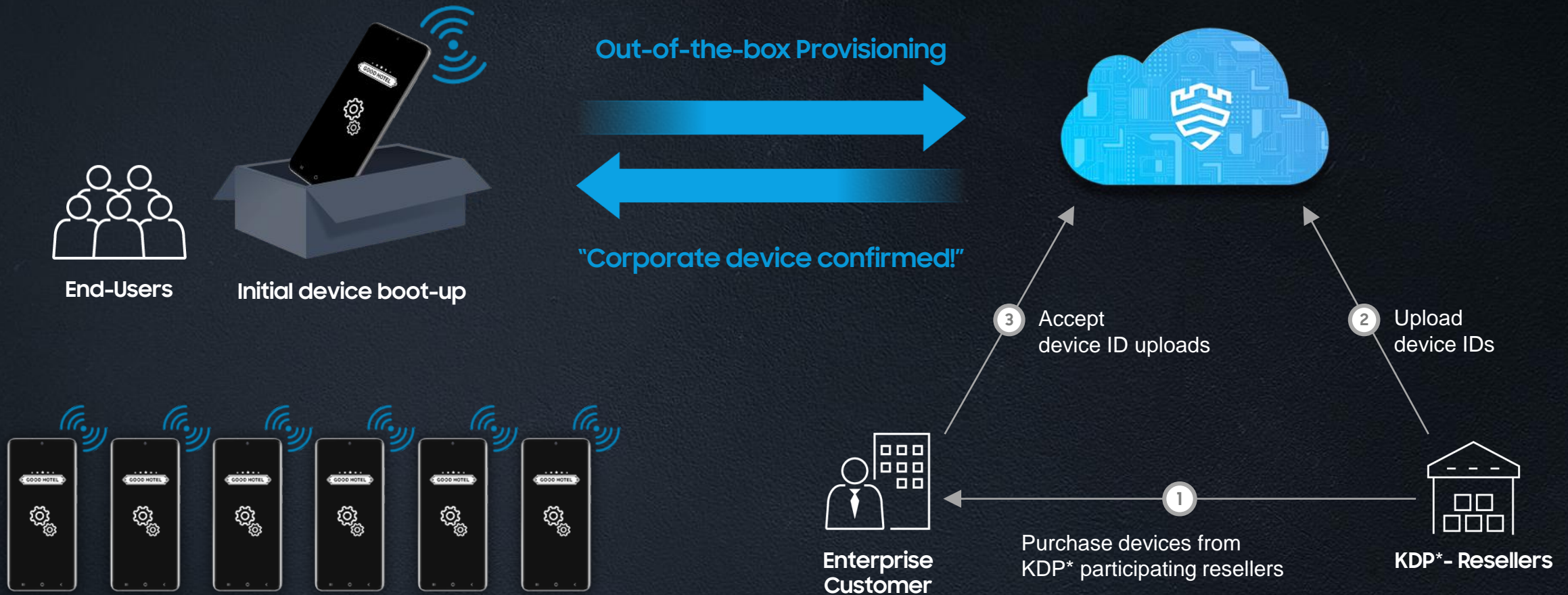
Traditional device deployment process requires numerous manual steps to configure and enroll devices





# Automated Device Provisioning

As soon as powered on, corporate devices are automatically provisioned, right out of the box

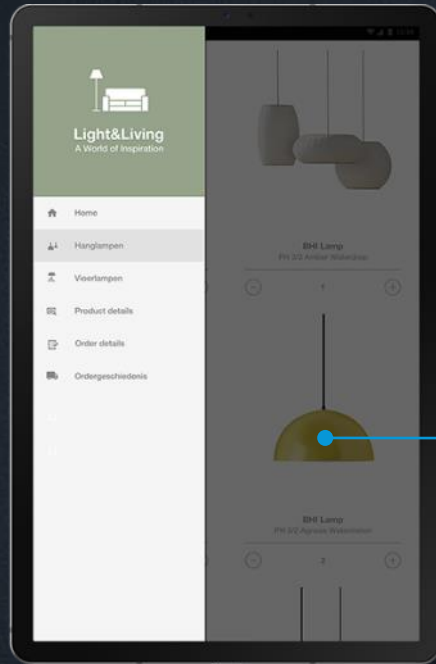


# Fit for Purpose with Ease

Knox transforms standard Samsung devices into purpose-built appliances

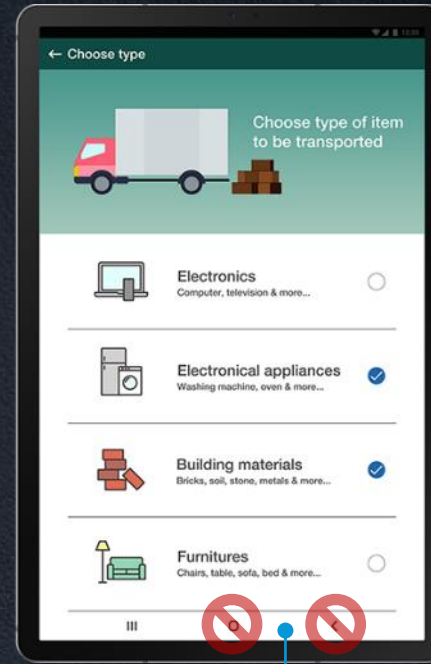
Examples)

## RETAIL



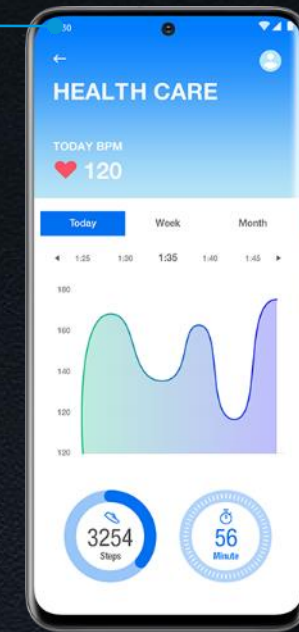
- Prevent devices from going to sleep when plugged in
- Play screen saver when screen is off
- Auto power-off if idle for a certain period

## LOGISTICS



- Lock down device to a specific app

## HEALTHCARE



- Hide specific system notifications
- Remap specific hard keys



# Streamlined Device Provisioning and Configuration

## Utility

### Imdaad

- Auto-downloading the route map app to have accurate route information
- Locking down tablets into multi-app kiosk mode with specific business apps for drivers

## Education

### Madeira Department of Education

- Installing Knox management agent as soon as the tablet is first turned on
- Preloading all apps and policies before students start using the tablets

## Manufacturing

### Harley-Davidson

- Providing a pre-configured Samsung device to each staff for an outdoor event
- Auto-installing the app needed to scan participant's e-ticket



# Customized Device SW to Meet Unique Needs

## Automotive



### BMW & Daimler

- Preloading BMW and Daimler's apps on customized tablets
- Allowing rear seat passengers to control air conditioner, lights and play music

## Military (Tactical Edition)



### Armed Forces

- Supporting tactical peripherals
- Private network connection
- Customizing framework for secure communication
- Blocking all networks in the field

## Logistics



### Field Workers

- Preloading barcode scanner
- Providing higher touch sensitivity
- Extending security patch to comply with longer lifecycle

## Education



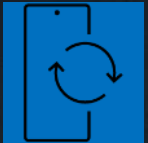
### Schools

- Preloading education apps & large contents
- Auto-launching kiosk mode at each boot up
- Minimizing preloaded apps



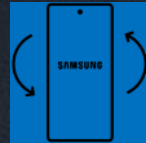
# Knox Configure - Overview

Allows IT admins to remotely configure Samsung devices in bulk and tailor them to specific business needs, right out of the box



## Frictionless out-of-the-box setup

- Automated device provisioning
- Streamlined device setup process (e.g. skip setup wizard)
- Pre-configuration of default settings by IT departments, removing the need for user intervention



## Rebranded software

- Customizable booting/shutting-down UX & home/lock screens
- Automated app/content deployment
- Quick access to corporate services



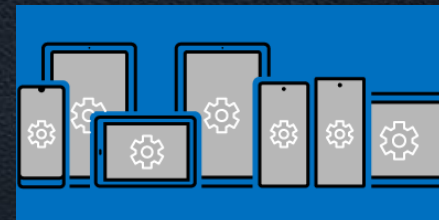
## Purpose-built Appliance

- Professional kiosk mode
- Repurposed device UX into specific use cases
- Remapping HW keys



## Advanced device configuration

- Wide range of advanced & granular connectivity settings
- System-level device feature restrictions
- App white/black listing
- Dynamic update capabilities



# Product Editions

## Dynamic Edition for B2B

Mainly designed for IT Admins to configure and customize devices for their employees out-of-the-box and dynamically over-the-air

### Needs

- Configure corporate devices, out-of-the-box, during initial device setup process
- Tailor devices to specific vertical use cases
- Update device configurations anytime & anywhere, over-the-air
- Enforce robust security configurations even after factory reset

## Setup Edition for B2B2C

Mainly designed for Marketing Admins to stage devices for rebranding for own customers, out-of-the-box

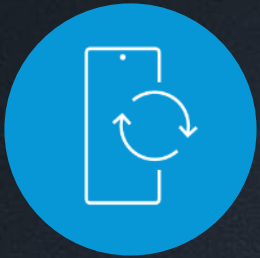
### Needs

- Rebrand promotional devices, out-of-the-box, during initial device setup process
- Maintain rebranded software even after factory reset
- Make sure device ownership and privacy of consumers are not infringed



# 1. Frictionless Out-of-the-Box Setup

Fine-tune devices to specific business settings  
automatically and seamlessly during initial device setup



## Automated Provisioning

- IMEI/serial number-based device identification
- Mandatory configuration after every factory reset
- Instant start after Setup Wizard



## Default Setting Change

- Country, language, time zone
- Volume, brightness, screen rotation
- Ringtone, font
- Turn on/off Wi-Fi and automatically connect to specific SSID
- Turn on/off Mobile Data, BT, GPS, NFC
- Airplane Mode



## Skip Setup Wizard

- No hassle of unneeded setup
- Google/Samsung/Carrier steps can be skipped
- Android Factory Reset Protection removal



## Preloaded App Removal

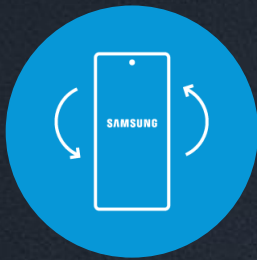
- Disable unnecessary preloaded apps
- Made invisible and unusable



## 2. Rebranded Software

Feature a company's branding and corporate apps and quick access to corporate services

### Customizable Booting UX & Screens



- Change booting/shutting down splash screen or sounds
- Change wallpaper
- Add/place applications
- Add/place widget

### Automated App Deployment



- App installation and launch
- Prevention of app uninstallation
- Change app icon / name

### Quick Access to Corporate Services



- Add bookmarks\*
- Add contacts



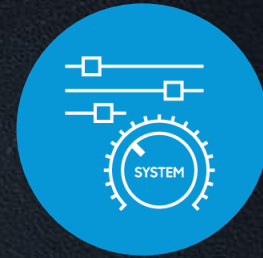
# 3. Purpose-built Appliance

Transform off-the-shelf devices into single-purpose devices with specialized user experience



## Professional Kiosk Mode

- Lock down device to specific app
- Passcode-based exit
- Restricted access to Settings
- Notification control



## Specialized System UX

- Automatically turn on/off devices depending on power supply
- Play all sounds on device speaker
- Hide Settings menus



## Key Action Changes

- Disable/remap hardware keys
- Customizable power dialog



## Stay-awake Mode

- Prevent sleep mode when plugged in
- Extended screen timeout



## 4. Advanced Device Configuration

Customize a wide range of device settings at the granular level and take full control of corporate-liable devices with value-added Samsung Knox capabilities



### Advanced Connectivity Settings

- Add Wi-Fi profiles with security options
- APN configurations
- Default USB connection type
- USB debugging mode
- SIM PIN lock



### Device Feature Restriction

- Wi-Fi, BT, GPS, NFC, Flight mode
- SMS/MMS, roaming, tethering
- SD card, USB storage
- Multi-user mode, Safe mode
- Factory reset, power off
- Camera, microphone, recording, clipboard, Screen capture
- Biometric authentication features



### Value-added Knox Capabilities

- App white/blacklisting
- Per-app URL white/blacklisting
- SIM Slot Control



### Dynamic Update

- Server push notification
- App/configuration update
- Remote factory reset



# Dynamic vs. Setup Edition Feature Comparison

		Dynamic Edition	Setup Edition
Frictionless Out-of-the-Box Setup	Automated Provisioning & Default Setting Change	Available	Available
	Skip Setup Wizard		Not Available
	Preloaded App Removal		≤ 10 apps
Rebranded Software	Customizable Booting UX and Screen	Available	Available
	Automated App Deployment		App installation: ≤ 5 apps App deletion prevention: ≤ 1 app
	Quick Access to Corporate Services		Available
Purpose-built Appliance	Professional Kiosk Mode	Available	Not Available
	Specialized User Experience		
Advanced Device Configuration	Advanced Connectivity Settings	Available	Not Available
	Device Feature Restriction		Limited 'FOTA/Multi-User Mode/Safe Mode' & 'Block applications from unknown sources' only
	Value-added Knox Features		Not Available
	Dynamic Push Updates		Not Available
Profile Limit		300MB	

\* For details, contact sales rep



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# Thank you

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