

SAMSUNG

Knox E-FOTA

Gain complete control over firmware and security updates.

With Samsung Knox E-FOTA (Enterprise Firmware Over the Air), you are no longer at the mercy of random updates. Knox E-FOTA lets you control updates so you have time to test and evaluate new releases, then push them when you are ready.



Test before you update OS/firmware

- Ensure compatibility between new OS versions and your in-house apps before updating device firmware
- Update devices only when you've thoroughly evaluated OS compatibility



Control firmware updates

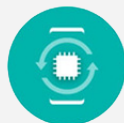
- Ensure all devices run approved and/or specified OS version
- Ensure security patches are deployed to devices on-schedule
- Updates can be scheduled to occur outside business hours
- Ensure specified network (LTE, Wi-Fi) is used for firmware updates
- Specify minimum battery level to commence updates



No end-user interaction required

- Deploy forced updates without any user interaction required
- Updates cannot be postponed or rejected
- Unattended devices also get updated

Knox E-FOTA is available as a stand-alone product, or as part of Knox Suite. Knox Suite is our end-to-end device management offering, and also includes Knox Mobile Enrollment, Knox Manage and Knox Platform for Enterprise.



Knox E-FOTA



Contact Us: samsung.com/E-FOTA

Knox E-FOTA

Complete control with Knox E-FOTA.

Selective OS version

Select an OS version to be deployed to the devices, and prevent updates to OS versions that have not been verified with internal apps.

Forced update (silent)

Deploy OS updates to devices without requiring user interaction.

Scheduled update

Set a specific date and time range (for example, non-business hours) to download and install an OS update.

Forced update (critical)

Allow the user to postpone an update (with a maximum delay duration) during an ongoing critical job. The user can't decline the update.

Additional campaign options

- Allow firmware download while roaming.
- Allow installation only when connected to a charging dock.

Ability to view campaign status

View the status of campaign operations.

Monitoring dashboard

Monitor various areas of Knox E-FOTA through a dashboard.

Independent web console

Perform administrative tasks through a web portal.

Network bandwidth and battery level control

Deploy firmware updates within a set maximum bandwidth. Specify minimum battery level for updates to commence.

Wi-Fi only mode

Save on cellular usage costs by setting downloads and updates to occur only through Wi-Fi.

Sequential updates per campaign

Update from any version to a target version with just one campaign. You don't need to create multiple campaigns to incrementally update a device from its current version to a target version.

Ability to update multiple models per campaign

In a single campaign, you can assign multiple device models to different firmware releases.

Support for multiple licenses

Add licenses as needed to support more devices, while keeping existing licenses active.

Ability to sync device group and organization information with EMM

Streamline device management tasks by importing device groups from your EMM. Connecting Knox E-FOTA to your EMM helps ensure your device groups are never out of sync. Device information is managed in the EMM so the Knox E-FOTA admin doesn't have to do it manually.

Push and poll

Push campaign updates immediately from Knox E-FOTA server to assigned devices. No need to wait for devices to poll the Knox E-FOTA server.

Poll the server for campaign updates. The client app (that is, the agent on the device) periodically checks the policy and applies any campaign updates that may not have been successfully applied to it.

Device registration through Knox Deployment Program (KDP)

Resellers can automatically upload your devices to Knox E-FOTA so you don't have to add them yourself. You can auto-approve their uploads and auto-assign the devices to a default campaign. This feature is available only through KDP.

Out-of-box installation of Knox E-FOTA client app

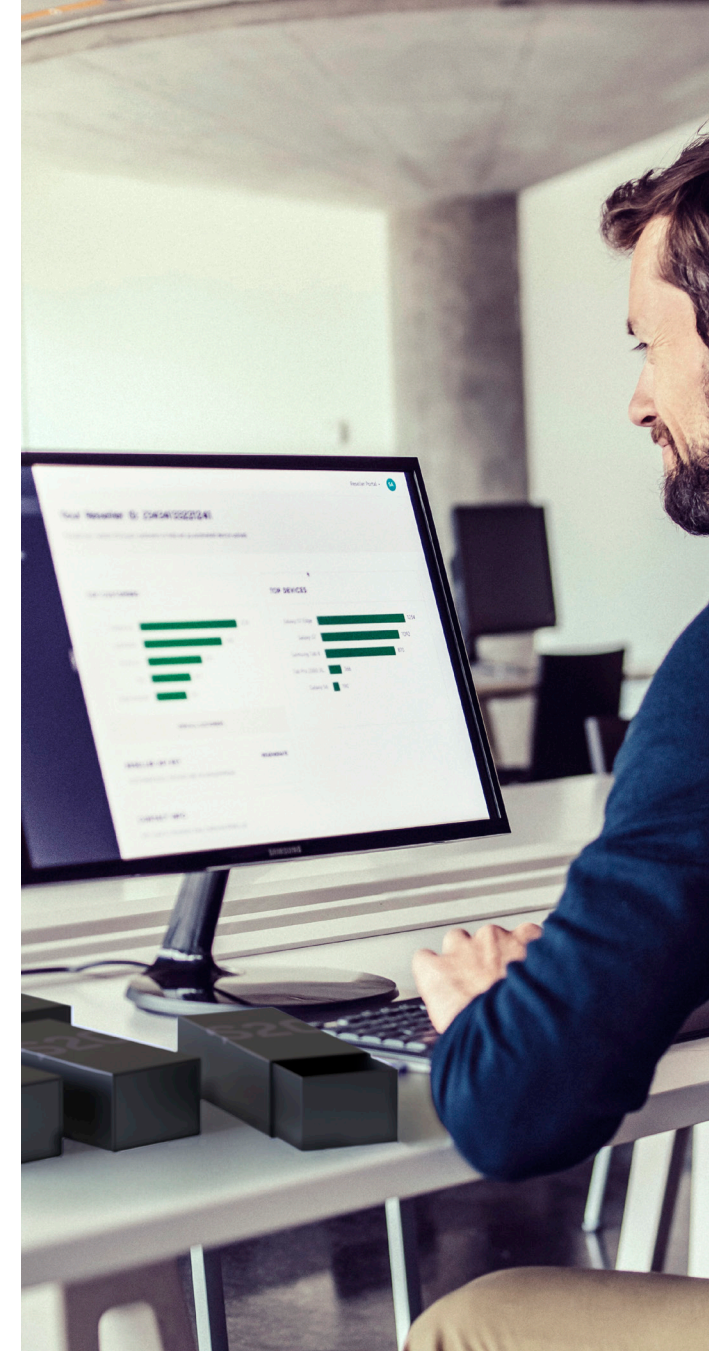
For devices purchased through a reseller and that have Android Pie or later, the client app is automatically installed during the out-of-box experience.

Consolidated admin access

Log in to SamsungKnox.com once and gain access to all Knox Cloud Services (KCS) products you're subscribed to.

Consistent user experience

The Knox E-FOTA admin portal has a user interface that's consistent with other KCS products on SamsungKnox.com.



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