

Knox Suite

SAMSUNG
S-ACADEMY
B2B

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1. Introduction

A full solution

Businesses need tools to remotely manage and secure their mobile devices. Knox solutions offer everything businesses need to achieve this. For the first time, Knox solutions are available in the form of a single bundle with a single license called Knox Suite. Businesses no longer need to acquire each solution separately, or manage separate licenses per solution as was previous the case.

Knox Suite brings together all essential Samsung Knox solutions in a single bundle. Only one license is required for use. As such, Knox Suite is not a new solution, but combines existing Knox solutions in a single bundle for the first time. In addition, the bundle is more attractively priced than if you were to purchase the solutions separately. Secure management of mobile devices becomes easier through this.

Reasons to choose Knox Suite:

- All essential Samsung Knox solutions in one bundle
- Knox Mobile Enrollment
- Knox Manage
- Knox E-FOTA
- Knox Platform for Enterprise
- Knox Asset Intelligence
- Simplified license management
- Cost-efficient solution
- One online console for all solutions



One license for multiple solutions

The big advantage compared to the current way of working is that Knox Suite has one SKU. Organizations only need one license for use of the bundle. This is not only useful for administration purposes; it also prevents the license of one solution from expiring while another is still active.

The monthly cost for Knox Suite is lower than when the solutions are purchased separately. Also, with Knox Suite, there is no longer a need for a third-party EMM solution. Organizations quickly save on costs and have more functionalities at their disposal with Knox Suite.

Important: Knox Suite is a total solution providing access to all Knox solutions. This makes it easier to deploy all solutions. As a result, the possibilities and benefits of Samsung Knox more practical and insightful. Combined with the cost-efficiency, this makes it easier to bring Samsung Knox to the attention of the organization.

Free use for one year with Enterprise Edition devices

If the organization purchases Enterprise Edition devices with a Knox Suite license, use of Knox Suite is free for the first year. This ensures very favourable monthly costs which are considerably lower than if the organization purchases separate licenses per solution.

A single online console for all solutions

A second advantage is that Knox Suite offers a single console in which all solutions can be used. It is no longer necessary to log in separately for individual consoles to use them. This significantly increases ease of use. Organizations work even faster and at the same time organize their management much more clearly.



2. Knox Suite

Three building blocks

Knox Suite is based on three building blocks, which together encompass the entire device lifecycle. These are:

- **Secure:** well-secured devices on every level
- **Deploy:** smooth and efficient deployment
- **Manage:** versatile and user-friendly management

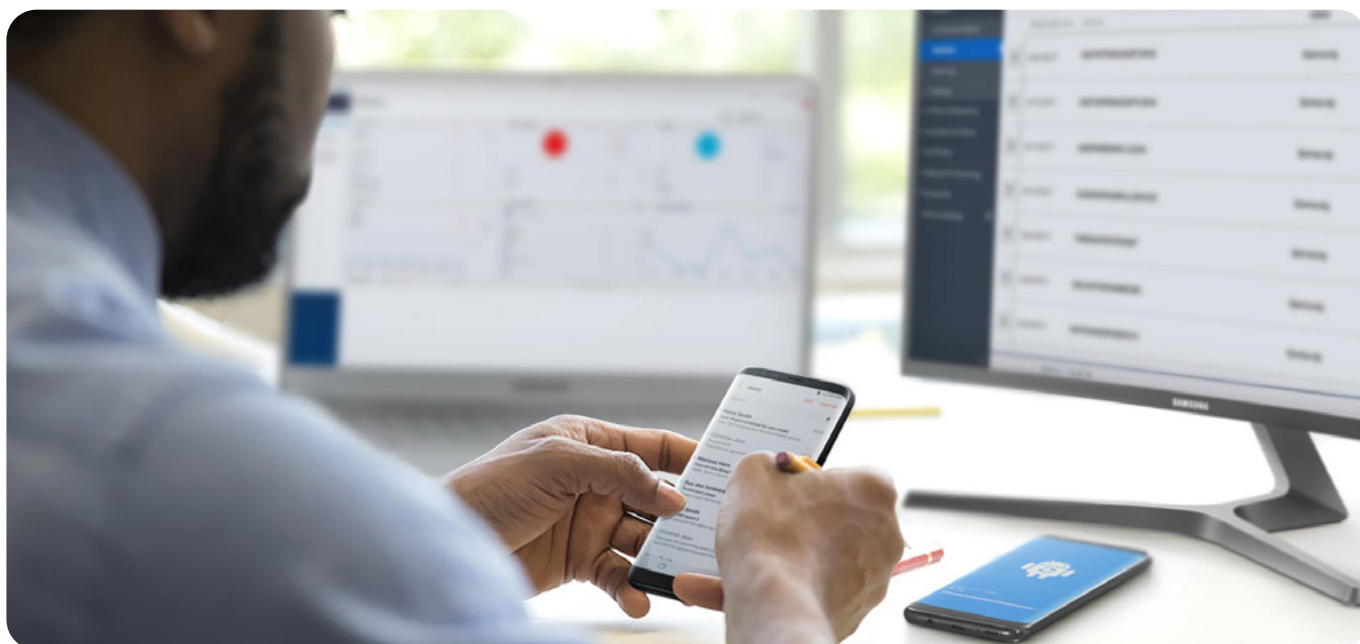
Secure: well-secured devices on every level

End-to-end device security

Knox Suite offers a myriad of options that allow organizations to work optimally safely. The possibilities are most extensive with Samsung devices. That's because these devices are equipped with Knox platform. This security solution is embedded in the hardware and software and ensures device integrity from manufacturing to booting as well as use. This assures robust default security. Additional security measures can be activated from Knox platform via Knox Suite.

Advanced and constantly evolving security

Knox Platform integrates hardware and software. This partnership provides organizations with the highest level of data security. This is possible because Knox Platform is made up of several layers. This creates a chain of security buffers that includes the hardware, the operating system, applications and the kernel. This multi-layered architecture, in combination with the capabilities of solutions such as Knox Platform for Enterprise, makes Knox Platform an extremely powerful solution in the market.



Deploy: smooth and efficient deployment

Automated deployment of devices

Knox Mobile Enrollment, which is a part of Knox Suite, provides IT administrators with an easy way to deploy new devices across the organization. After registering in the Samsung Enterprise Gateway, the devices only need to be turned on and connected to the internet. The rollout process starts automatically. After the rollout, the devices are ready for management.

Mandatory EMM deployment and configurations

As soon as the devices are connected to the internet, the rollout process commences. During this process, the devices are added to the existing EMM solution, such as Knox Manage, Microsoft Intune or MobileIron. They can now receive all kinds of settings, including settings from Android Enterprise. The end user does not have to take any action himself.

Deploy devices for specific use

Knox Suite makes it very easy to set up devices for specific applications. An example is the use of the tablet for diagnostics in healthcare environments or digital menu in the catering industry. The configurations for these devices can be adjusted remotely.

Manage: versatile and user-friendly management

Extensive amount of IT policies

The Knox Suite solution Knox Manage allows organizations to choose from hundreds of IT policies specifically for Samsung Android. These include all Android Enterprise management capabilities, ensuring devices always align with the organization's mobile policies.

Full control over firmware updates

IT administrators can manage the operating system remotely, without end-user intervention. This makes it easier to keep the stability and security of the operating system up-to-date. Through Knox E-FOTA, administrators can 'lock' firmware, so that users cannot perform updates themselves. Admins can pre-test these updates for collaboration with enterprise apps. This way they know for sure that the update will not cause problems for productivity.

3. Samsung Knox

The Power of Knox

In order to be able to work optimally with mobile devices, the demand for user-friendly complete solutions is growing. Samsung is responding to that demand with the management and security solution Samsung Knox. Samsung Knox offers significant added value over Google's Android Enterprise through the extra secure Knox Platform and the Knox solutions. This enables organizations to secure their devices at the hardware and software levels and easily manage them remotely.

Android Enterprise

Android Enterprise is a management solution for the Android operating system from Google for Business. Previously, MDM/EMM solutions relied on Device Admin APIs to provide management capabilities.

Android Enterprise offers many different security options. Examples include creating a separate work environment, device encryption and device management. The solution works well with Knox Platform, the hardware and software security layers built into Samsung devices as standard. Samsung Knox Platform for Enterprise provides additional management and security solutions on top of Android Enterprise.

Knox Platform

Knox Platform is a security solution built into the hardware and software of Samsung devices. This ensures very strong security for business data and apps. Knox Platform continuously performs security checks on different layers of the device, from the core of the hardware to the operating system. Only after a successful execution of all checks can the device or application be started. With Knox Platform, organizations and end users are assured of a very strong basic security.

Knox solutions

Within Samsung Knox, Knox Platform is supplemented with solutions. Within Knox Suite these are:

- Knox Platform for Enterprise
- Knox Mobile Enrollment
- Knox Manage
- Knox E-FOTA
- Knox Asset Intelligence

This can optionally be supplemented with Knox Configure, which requires a separate license. With this, Samsung Knox offers administrators all the tools to configure and manage devices in a way that suits their needs and requirements.

Important: Knox Configure is an additional solution to Knox Suite. Some options of Knox Configure within Knox Suite are available via the Knox Service Plugin in Knox Manage. However, the possibilities remain the same. Organizations now using Knox Configure, for example through Enterprise Edition devices, just continue to have the same options they already had.

4. Enterprise Editions

Extra secure devices

Samsung has made some of its most popular smartphones available as Enterprise Edition devices. These business versions of devices provide strong security by default through the built-in Knox Platform. Multi-year security updates and management through Knox solutions further strengthen device and data security.

One year free use of Knox Suite

When organizations purchase Enterprise Edition devices, they can use Knox Suite for free for one year. This gives organizations access to all Knox solutions via one license, making it easier to use this solution and experience all the possibilities yourself.

Before the arrival of Knox Suite, organizations could opt for a Knox Configure and Knox E-FOTA on MDM license when purchasing Enterprise Edition devices. They can continue to use these solutions. When purchasing new Enterprise Edition devices, all devices are provided with a Knox Suite license.

Benefits of using Knox Suite

Knox Suite offers several advantages. It is an ideal solution for organizations looking for extra ease of use; they no longer have to deal with different licenses or consoles, but work from one interface and based on one license. That makes device management much clearer. Administrators can quickly and easily manage all devices from one console.

Another advantage is that the options of each solution become more transparent and the differences per solution clearer. The overlap between solutions has been reduced. Organizations also have access to all solutions simultaneously and are able to use them immediately.

Knox Suite is also an ideal solution in terms of cost-efficiency. The monthly cost of the bundle is lower than when the licenses for all solutions are purchased separately. This makes it even more attractive for organizations to experience the benefits of this total solution for themselves.



5. Knox Suite solutions

Knox Platform for Enterprise

Knox Platform for Enterprise (KPE) is the solution with which you can secure Samsung devices to a large extent. It offers additional security options on top of the strong security of Android Enterprise. Examples include additional hardware-based device security, extra VPN options, additional authentication options and extra protection of sensitive data and logs around device usage.

KPE has been certified for safety by various governments and government departments worldwide. Examples are certifications from the U.S. Department of Defence, UK NCSC, France ANSSI and Australian Signals Directorate. This shows that the solution meets very high safety requirements.

Important: With the arrival of Knox Suite, some options from Knox Configure are now part of Knox Platform for Enterprise and Knox Manage. These options become available after activating the Knox Service Plugin. Examples are the configuration of DeX and the setting of custom animations such as boot logos. These changes do not affect organizations using Knox Configure and E-FOTA on MDM as part of Enterprise Edition solutions.

Activation via the Knox Service Plugin

With Knox Suite there is a small change in activating the options within Knox Platform for Enterprise. The options can now be activated in Knox Manage. This can be done via the Knox Service Plugin, which can be activated with the Knox Suite license. After activation in Knox Manage, the options are available via the navigation menu. The Knox Service Plugin can also be activated in other MDM solutions, such as Mobile Intune.

Knox Mobile Enrollment

With Knox Mobile Enrollment, organizations can roll out MDM profiles to all devices at once. This happens automatically as soon as devices connect to the internet. This puts an end to time-consuming manual management. The ability to roll out the same profiles to all devices leads to standardization. Standardization makes managing devices easier.

Colleagues can also use their device directly, which benefits adoption. Even after a factory reset, the MDM profile is automatically reloaded onto the device. This is useful in the event of loss or theft as it prevents unauthorized persons from using the device.



Knox Manage

Knox Manage is the EMM solution that focuses on device management, including that of devices from other vendors and other operating systems. Within Knox Manage, configurations, settings, security features and policies can be set, managed and adjusted. A kiosk mode can also be rolled out via Knox Manage. This allows devices to be used as a single-purpose device. A popular application is the use of tablets as digital menus in catering environments.

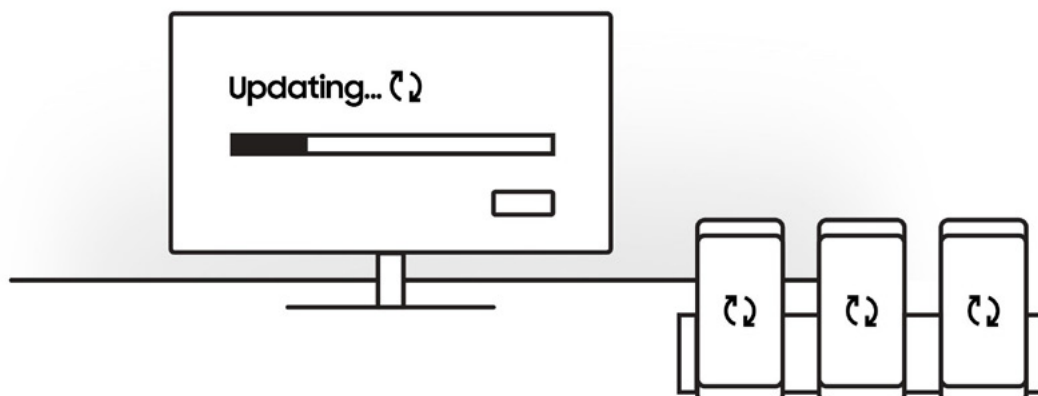
Content can be rolled out to devices via Knox Manage, such as the provisioning of business apps via the Managed Google Play Stores and useful documents relevant to users. This enables users to quickly access the tools they need for the job, while enhancing ease of use and, as a result, productivity.

Thanks to the easy-to-use Knox Manage, devices are always configured in a way that fits the user's tasks and the policy of the organization. This contributes to ease of use and productivity. It also saves considerable time. All this leads to a lower Total Cost of Ownership.

Knox E-FOTA

Knox E-FOTA is a solution that allows organizations to pre-test firmware and then roll it out to all devices simultaneously. Its main features are:

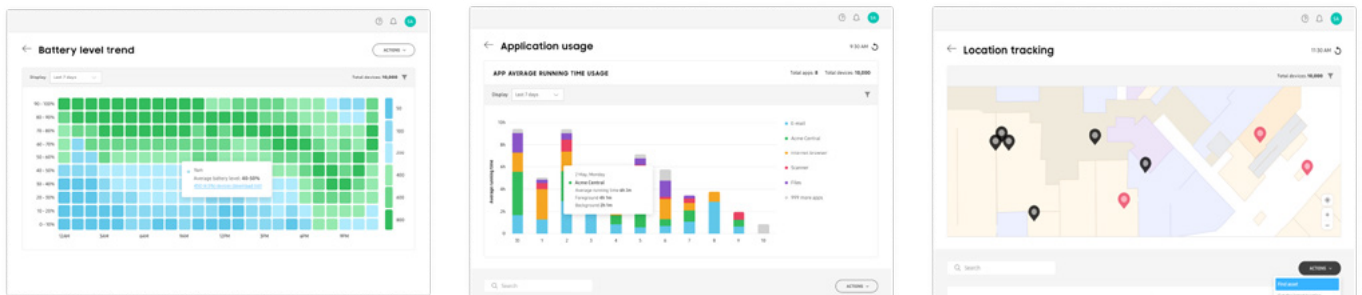
- The option to determine which firmware version employees use and 'lock' this version.
- Testing new firmware and its collaboration with apps, prior to rollout.
- Pushing updates among employees.
- Schedule updates so that productivity is not interrupted.
- Various options for device registration, for example via direct uploads based on .CSV files with IMEI-numbers.
- Ability to deploy different firmware versions within groups of devices.
- Easy management of additional licenses when the number of devices is expanded.
- Knox E-FOTA can be used with any EMM. This is because Knox E-FOTA works independently.
- Devices deployed within Knox Manage will automatically become visible within E-FOTA.



Knox Asset Intelligence

Knox Asset Intelligence is a new service within Knox Suite that enables companies to monitor the usage of their business devices in real time. By collecting data and analysing it in a smart way, choices can be made that lower the TCO.

Knox Asset Intelligence is an app that is installed on business devices. This app collects data about app usage, battery usage, usage of (wireless) connections and more. Performance issues are also reported as soon as they occur. This information allows organizations to take measures that benefit the stability and performance of both hardware and software. It is also possible to locate devices via GPS to retrieve them more easily if necessary.



Optional: Knox Configure

One of the bigger changes to Knox Suite is the removal of Knox Configure as one of the permanent solutions within the Enterprise Edition offering. Various options from this solution are now available in Knox Manage via the Knox Service Plugin. The other options of Knox Configure are optionally available.

