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Samsung
Knox Native
Solution pt.2



Knox Native Solution Übersicht

Von...

Crypto-MicroSD als HW-Anker



Hoher Aufwand und Kosten aufgrund additiver HW und manueller Prozesse



Langer Freigabeprozess aufgrund plattformspezifischen Dokumentationsaufwand für Partner



...ZU

embedded Secure Element (eSE) als HW-Anker



Geringere Kosten durch automatisiertem Rollout des kryptographischen Schlüssels.



Go-to-Market beschleunigen durch direkten Austausch



Konsistente und native Customer Experience



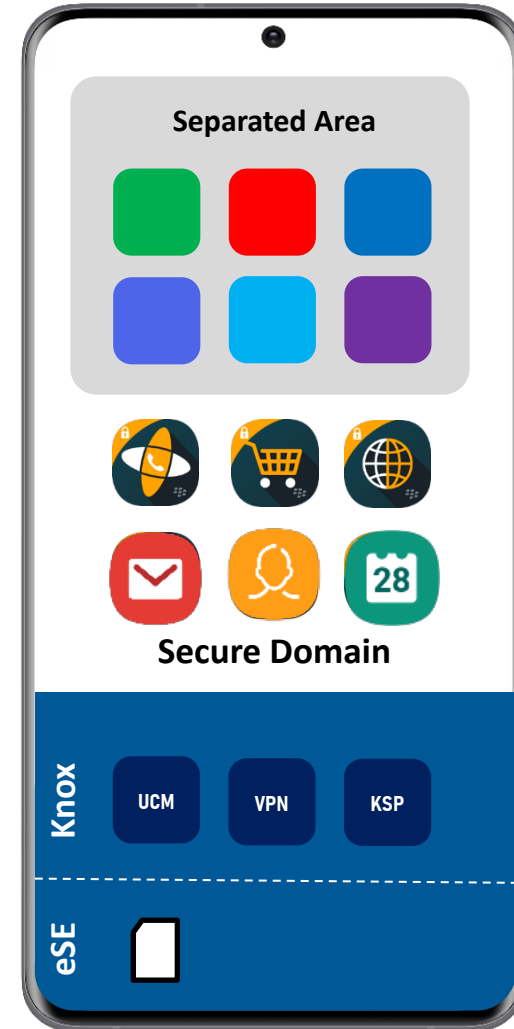
Kryptographischer Schlüssel sicher im eSE



Secure Domain

A **fully managed device** in which evaluated applications can be installed, with a separate area for other applications

- **User Space encryption** according to BSI specifications, based on cryptographic keys (DAR)
- **VPN authentication** using cryptographic key (Samsung VPN Client)
- **Device PIN** = Smartcard PIN
- **Platform for solution providers** and self-developed applications



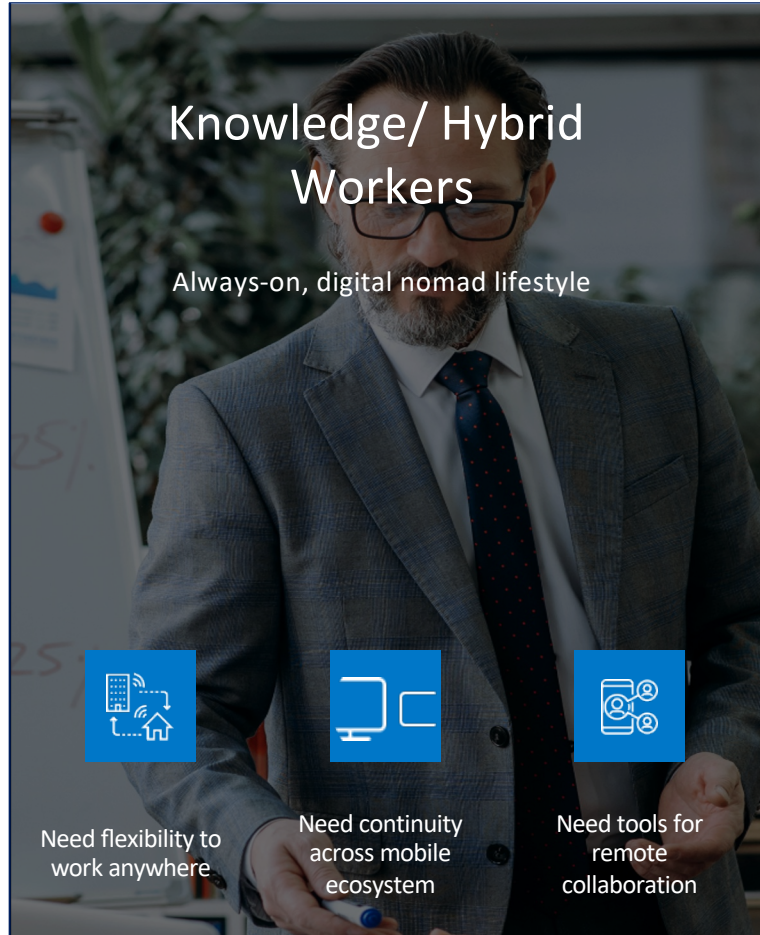
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Use Cases





Advanced Solutions for Digital Acceleration

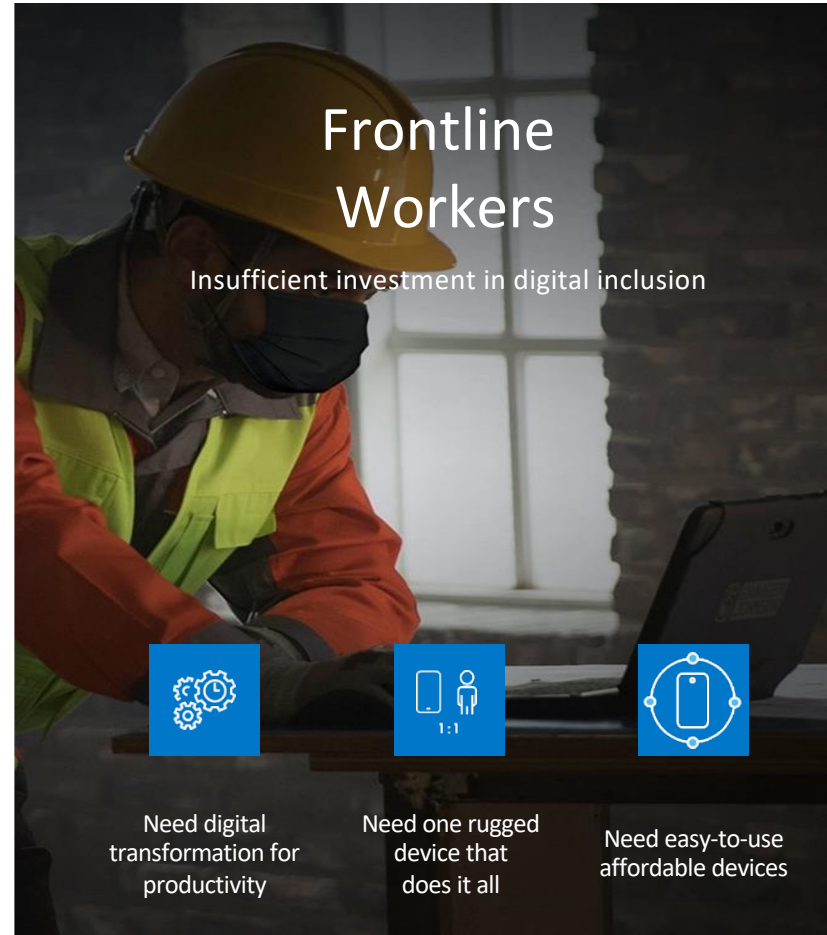


Knowledge/ Hybrid Workers
Always-on, digital nomad lifestyle


 Need flexibility to work anywhere


 Need continuity across mobile ecosystem


 Need tools for remote collaboration



Frontline Workers
Insufficient investment in digital inclusion

 Need digital transformation for productivity

 Need one rugged device that does it all

 Need easy-to-use affordable devices

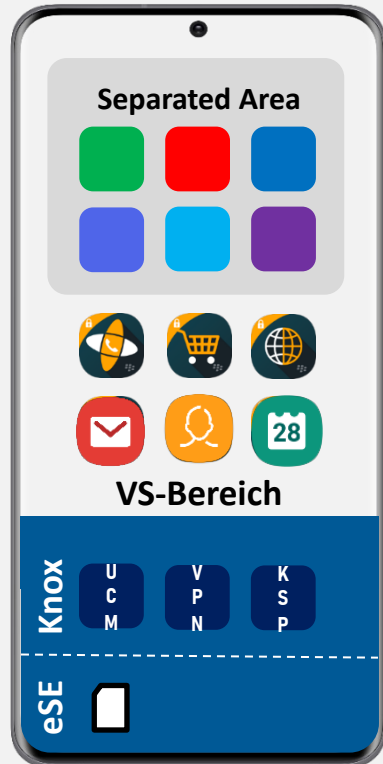
Redefining Mobile First Solution



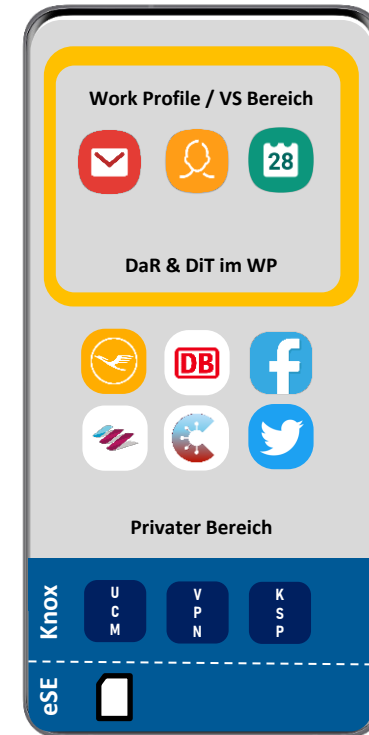
Turn mobile into Desktop

DeX can turn mobile into a corporate office anywhere, anytime. Connect your smartphone or tablet to a monitor and seamlessly switch between devices and work productively.

Frontline Workers



Knowledge/ Hybrid Workers



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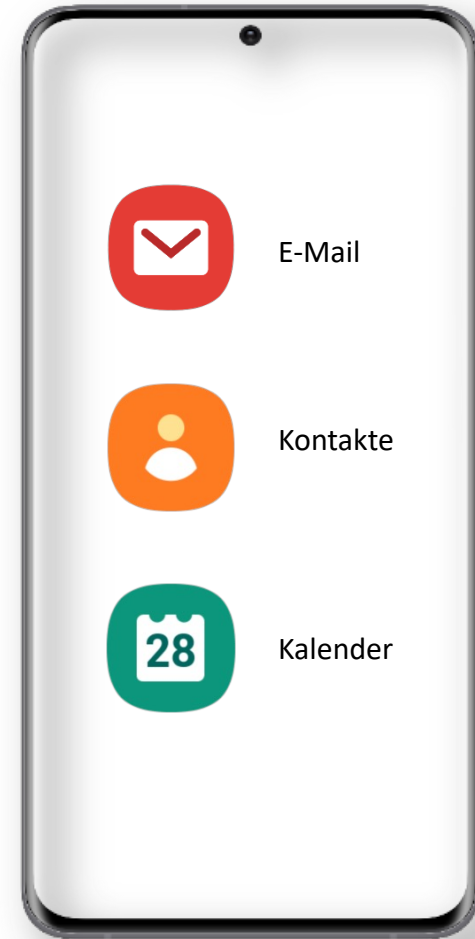
Apps



Standards for MVP

Market Feedback (B2G & B2B) showed us, that the standard apps need to be available – having an out of the box experience need to be achieved.

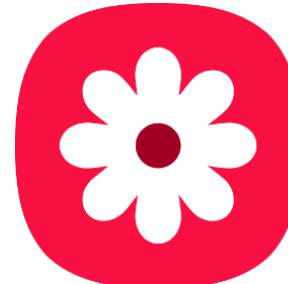
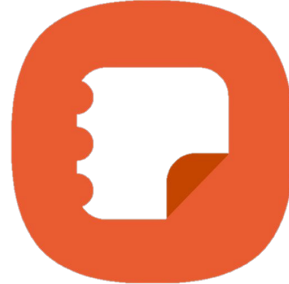
Users want to have the standards that they know from private use.



Evaluated apps with Android 13



Direct Customer Feedback - Result



Prerequisites for adding more Apps

Samsung will define standards during Android 14 Evaluation for enabling an App Ecosystem for VS-NfD.

Technical possibilities and guidance will be defined for App Development.

New Process will be defined for App Assessment to integrate new Apps into the Secure Domain.

Estimated end – Summer 2024



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Consistency



Samsung S24 Enterprise Edition



7 Jahre SMR

7 OS Upgrades

Knox Suite

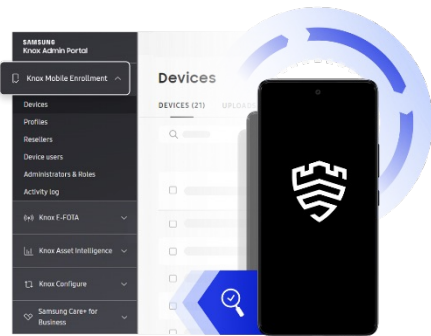
3 Jahre Garantie

AI on Device

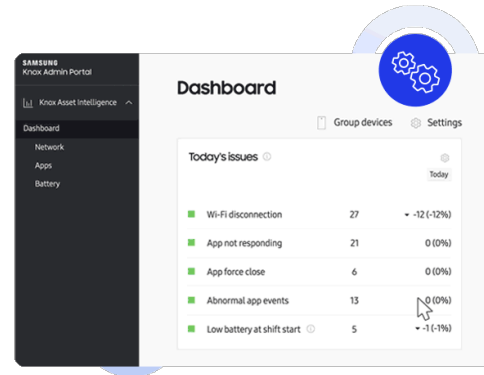
Live Translate

How to Manage your Device and the Lifecycle Process?

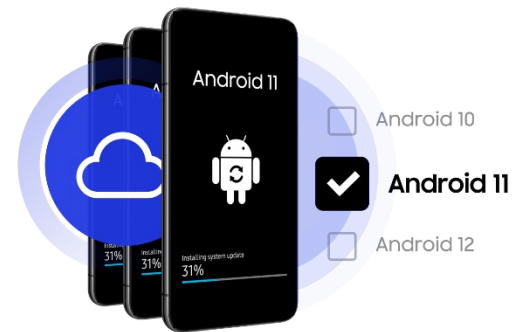
SAMSUNG Knox Suite



Knox Mobile Enrollment



Knox Asset Intelligence



Knox E-FOTA



Knox Manage

*Für den Bright/Dark-Side Betrieb kann anstelle von Knox Manage das SDS EMM genutzt werden. Weitere EMMs folgen.

Thank you



Nima Baharian-Shiraz
Senior PreSales Consultant

Samsung Electronics GmbH

nima.bs@samsung.com