insight to !nspiration

Samsung SDS
EMM

'Faster and Safer' Samsung SDS EMM
balances convenience with security!

As the nature of the BYOD (Bring Your Own Device) tech trend allows employees to work outside the traditional workplace, companies need to defend themselves against the ever-present threat of data theft.

The challenge is to encourage BYOD for the convenience benefits while putting in place effective security policies that secure sensitive corporate documents.

Samsung SDS EMM is a customized enterprise mobile security solution that protects and controls your entire mobile-enabled work environment encompassing mobile devices, applications and contents.

Samsung SDS EMM

Device Management	Application Management	Data Management	Integrated Management
Device Configuration	Access Control	Containerization	Remote Control
Device Security	Business App	Data Encryption	Application Configuration
	Business App Store	Selective Deletion	
Software Configuration	Usage Monitoring	Application Deployment	Policy/User Environment Setting

Key Highlights

First EMM to receive Common Criteria Certification ('15.5)
- Certificated by the National Information Assurance Partnership (NIAP) under the US National Security Agency (NSA)
- Complies fully to security requirements and the Federal Information Processing Standards established by the US government
- All IT devices used by public and defense sectors in the US comply fully to security requirements, which are also adopted by most advanced countries as their security standards.

Increased work efficiency without compromising on security
- Clients can use Kiosk Wizard to customize their home screens suitable to their needs.
- Pictures taken by SecuCamera are sent to the device or memory without being stored.
- Without access information being entered, QR-code scanning is used for quick log-in.
- IT manager remotely connects to user devices and provides real-time troubleshooting.

Expected Effects

Secure mobile environment based on robust security
- Samsung SDS Push provides high quality and highly reliable services such as 100% of transmission rate, transmission sequencing and redundant messaging prevention that overcome the limitations of public push services.
- EMM Guardian prevents any attempt to remove EMM during a factory reset and guides users to reinstall EMM.
- Samsung SDS AppTunnel implements secure and effective communication channels for each app unlike VPN that exposes the entire device to risk when compromised.
- Multiple OS platforms such as Android, iOS and Windows 10 are supported.

Kiosk Wizard, improving public terminal utilization via remote control
- Kiosk mode enables clients to easily configure launcher app using Kiosk Wizard.
- Customization with Kiosk browser and screen saver saves development costs.
- Remote support service enables quick troubleshooting from remote user devices.

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Key Features

Device Management

Control all your company's registered mobile devices remotely utilizing over the air(OTA) technology, and apply differentiated security policies to any department, employee or location.

- Inventory management : Manage device and app inventory and detect arbitrary OS modifications deriving from looting or jailbreak.
- Device security settings : Control input/output, remote locking, initialization, memory encryption and Bluetooth/Wi-Fi/Camera features.
- Security container management : Revitalize Knox container and manage function settings, certificates and policies.

Application Management

Improve productivity in a fast changing mobile-enabled work environment by deploying work-related mobile apps with access control customized by employee level or data access requirements.

- Security management : Manage app execution and user authorization by organization/group, text copy, screen capture, print and shared authorization.
- Installation/deletion management : Manage app installation and deletion, automatic installation of mandatory apps and white/blacklist apps.
- History management : Provide statistics on app store downloads and data from all devices using EMM.

Contents Management

A balance between convenience and security is achieved by separating private and work areas within the device to enhance security for corporate data while protecting user privacy.

- App Containerization : App data are encrypted when being stored in Secure Storage.
- Dual Persona : Separate the storage space with Knox container or use Android for Work to classify contents by app.

Use Cases

| Manufacturer A ▸▸ Integrated mobile security management across distant locations |

Challenge

Manufacturer A has business sites in 4 different locations with around 100,000 workers rotating every year.
The company faced difficulty in dispersing all the MDM policies and commands whenever there were changes to their security needs and access requirements.

Solution

Samsung SDS integrated the Speed Gate system with Samsung SDS Push to automate real-time deployment of MDM policies (10 million transfers per day), protecting sensitive data in the client's frequently changing work environment.

Benifit

- Improved operational efficiency and cost reduction
- Improved usability
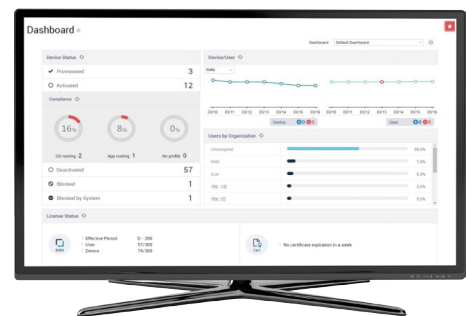
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