



MOBILEKEEPER

Korea's No.1 MDM Solution: Integrated Mobile Security and Management Solution



지란지교시큐리티

Product Overview



Mobile Security & Management Solution

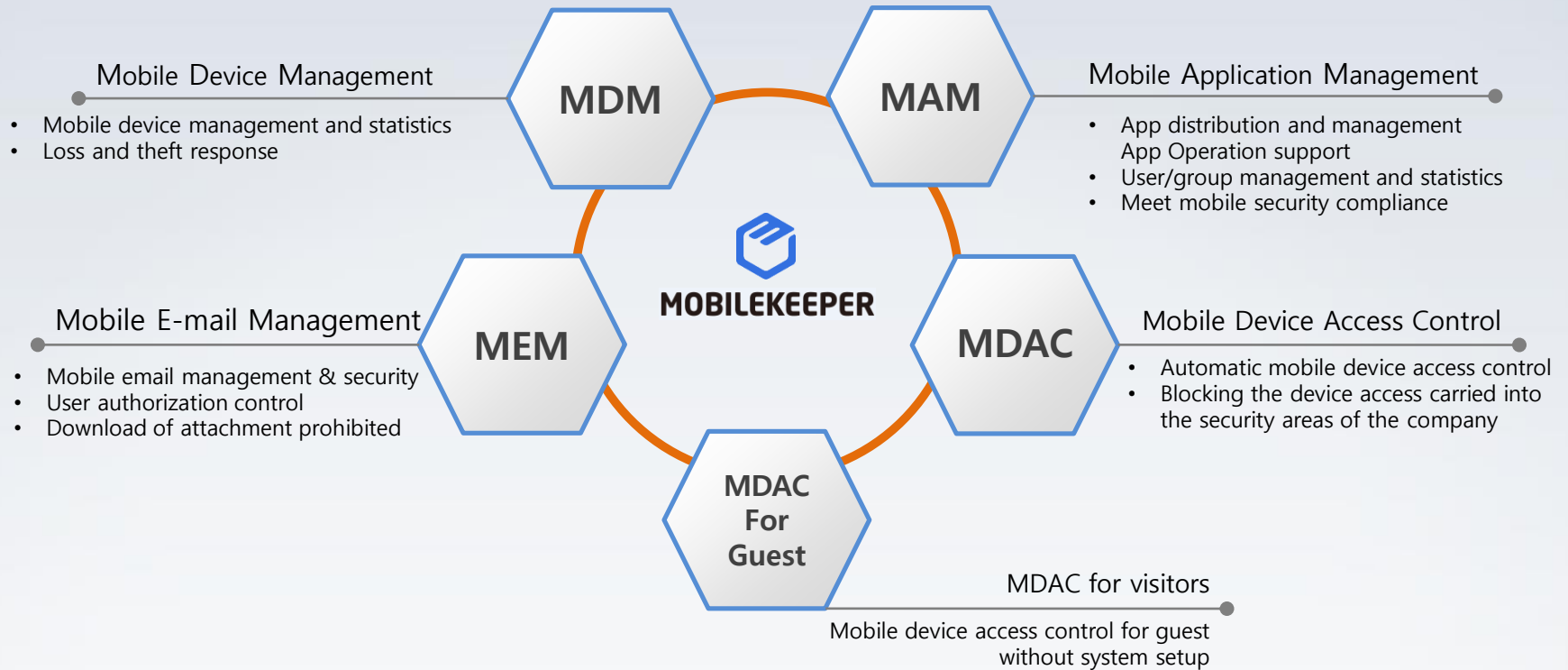


Integrated Mobile Security and Management Solution

MOBILEKEEPER is an MDM (Mobile Device Management) solution that manages mobile devices within a company and provides **remote locking and data deleting services in case mobile devices are lost/stolen** to prevent information leaks.

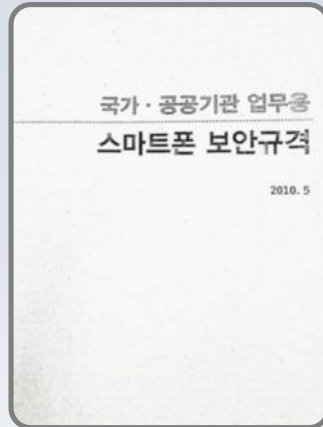
In addition, MOBILEKEEPER protects company and personal information through **Mobile Application Management (MAM)** and **Mobile Application Security (MAS)**, functions designed for the work environment. MOBILEKEEPER also **automatically blocks and regulates diverse smartphone functions upon entrance** into a security area to prevent internal information from leaking due to smart devices (camera, recording, etc.).

Jiran Security's MOBILEKEEPER is the **best solution for preventing information leaks from mobile devices**.



As mobile work environments become more commonplace, **cases and threats of diverse information leaks from smart devices are increasing**. Mobile security is essential for protecting **vital personal and company information**.



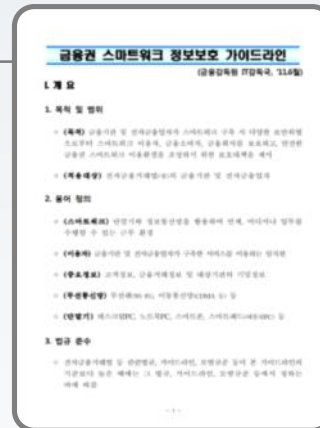


National Intelligence Service [Smartphone Security Regulations]

- Permit only registered devices access to work systems
- Prohibit wireless, tethering, and screenshots to prevent work related materials from leaking
- Periodically inspect and take measures for operation system integrity (routing/jailbreaking)
- Deny corrupt devices access through integrity checks
- Prepare security alternatives by using Mobile Device Management (MDM), preventing screen shots, storing data in case of lost/stolen devices, S/W remote wiping
- In case of administrative services, restrict Wi-Fi functions and allow 3G only

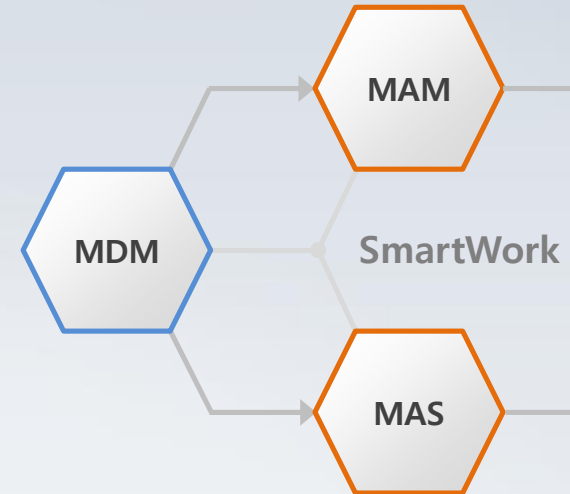
Financial Supervisory Service [Smart Work Information Security Guidelines]

- Restrict access and conduct integrity inspections at crucial times in case of failure to update work Apps
- Force termination in case of abnormal access and connection
- Block access for routing/jailbreak devices
- Prohibit widespread distribution through an official Appstore
- Apply password combination characters and implement periodical password changes
- Block unregistered devices from access to smart work
- Block screen capture functions when using work related Apps



Main Solution Functions for Compliance

- Check for forged/altered work Apps and restrict access
- Restrict functions (screen shots, Wi-Fi, etc.) when using work Apps
- Authenticate device when installing mobile security, and restrict access/encourage installation
- Compulsory use of locked screens and passwords when using work Apps
- Prepare remote data deletion functions in case of lost devices with work Apps
- Restrict access in case of failure to update work Apps and mobile security programs
- Restrict access to work systems through Wi-Fi and block Wi-Fi
- Restrict routing/jailbreak devices from accessing work Apps
- Encode exchange to exchange (E2E) data



- Can we protect internal company information from leaking through mobile devices?
- Can we strengthen security for work related Apps?
- Can we easily distribute and manage work related Apps?
- Can we automatically restrict mobile devices upon entrance?
- Can we prevent information leaks in case of lost mobile devices?
- Can we minimize user dissatisfaction when applying security to BYOD (bring your own device) policies?



Recently, mobile work environments are implementing BYOD policies, where employees use their own personal devices. As such, the key to security is **to guarantee the rights of the user and minimize dissatisfaction while applying effective security measures**. MOBILEKEEPER enables efficient and effective security measures in the BYOD work environment, and provides **measures and cases for successful change management**.

User Satisfaction



Minimize user dissatisfaction
 Protect personal life/
 personal information
 Successful change
 management

Security &
 Management for

BYOD

Effective Security



Strong security policies
 Apply necessary
 security measures only
 Adhere to security
 regulations

Strengthen Security of Mobile Office Work Apps

Authenticate work App use and strengthen access stability
Restrict smart device functions when using work Apps

Prevent Information Leaks from Smart Devices

Restrict information exposure through remote control in case of lost/stolen devices
Restrict smart device functions upon entrance into security area

Effective Distribution and Management of Work Related Apps

Conveniently distribute Apps through push services
Understand installation conditions and usage situation by version
Manage user Apps and work-related Apps

Security Inspections and Compliance Measures

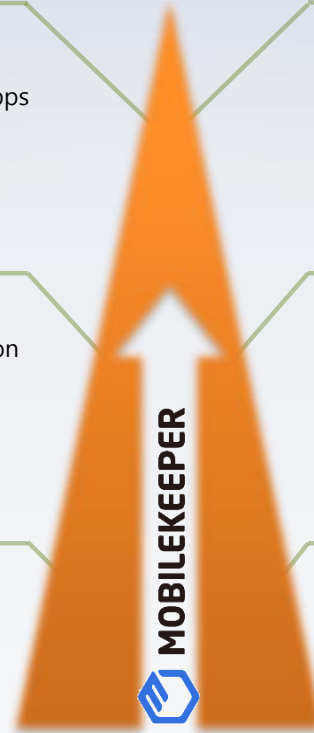
Prepare a response system for mobile security inspections
Adhere to compliance regulations as dictated by the Financial Supervisory Service, National Intelligence Service, etc.

Protect and Manage Company and Personal Assets

Improve recoverability of lost devices
Understand usage situation of mobiles within the company and reflect related information into policies

Prepare a Basis for Smart Work Environment

Take measures for user change management and establish an efficient work environment
Establish a basis for expanding mobile work environment



Strength & Reference



700,000 user

1 시장점유율
기술력

Leader in Number of Clients
: Product developed by using client feedback as a basis

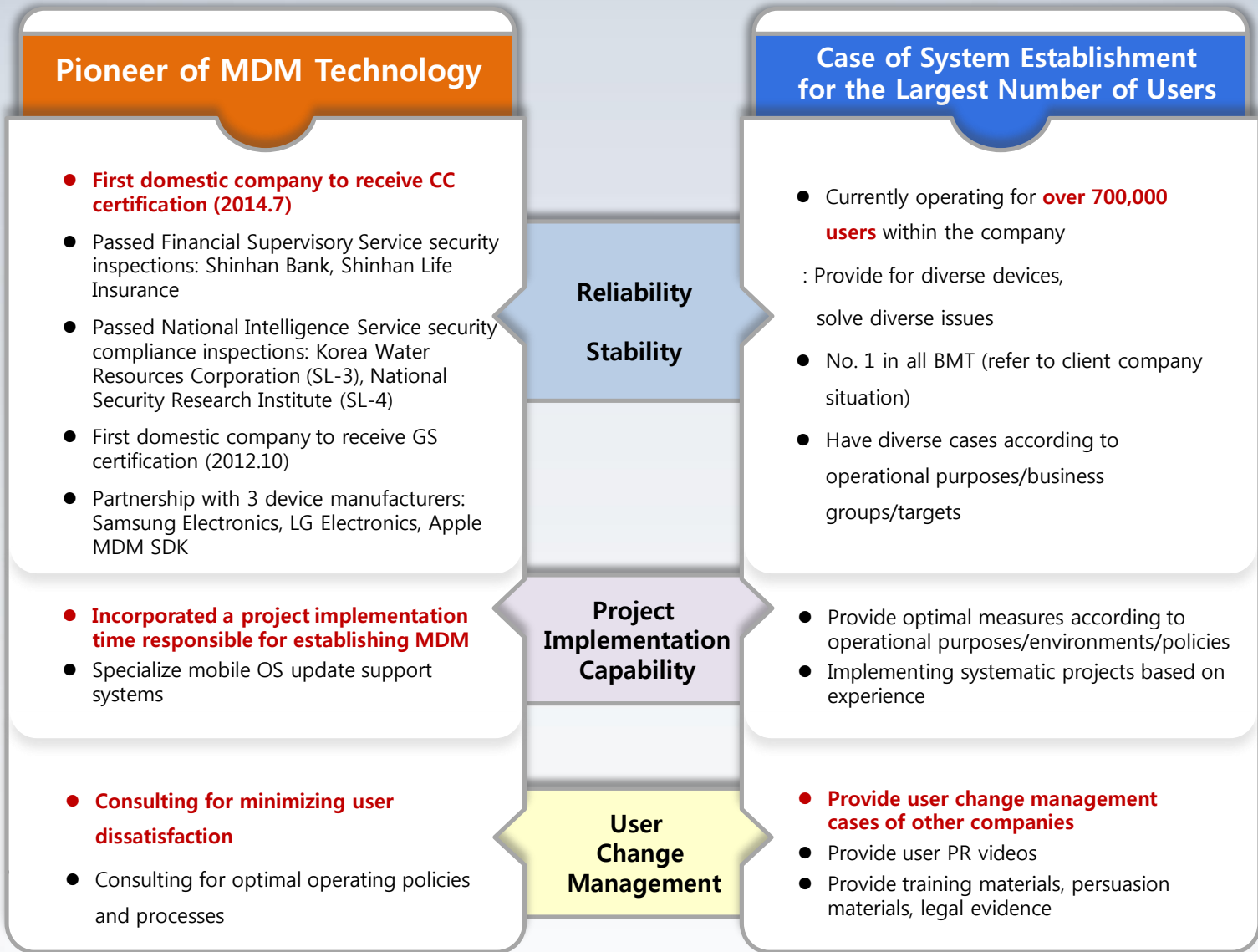


No. 1 in all benchmarking tests (BMT),
verifying our technology and stability

Provide optimal operation/establishment guidelines
in accordance with each purpose



Provides user change management measures
based on experience



Competitiveness

Category	Company Products	Domestic Products	Overseas Products
Technology	<ul style="list-style-type: none"> No. 1 in all BMT, No. 1 in technology superiority Received grand prize in mobile Completed numerous mobile related national projects 	<ul style="list-style-type: none"> Inadequate fulfillment of MDM CC standards <ul style="list-style-type: none"> Falls short of BMT internal security standards Benchmarks our products as second developers 	<ul style="list-style-type: none"> MDM functions are stable but lacks app security technology
Security	<ul style="list-style-type: none"> First domestic company to acquire CC certification (2014.7) First domestic company to acquire GS certification Passed Financial Supervisory Service security inspections Passed National Intelligence Service security compliance inspections 	<ul style="list-style-type: none"> Only some products have acquired the GS certification Passed only some of the National Intelligence Service security compliance inspections 	<ul style="list-style-type: none"> Have not satisfied domestic security criteria
Stability	<ul style="list-style-type: none"> One server provides for 700,000 active users Has cases of operational experience, etc Has numerous large-scale references 	<ul style="list-style-type: none"> Do not have many references and therefore lacks stability 	<ul style="list-style-type: none"> Has cases of stable operation related to MDM functions in the overseas market
Availability	<ul style="list-style-type: none"> Accommodates a large number of users and data Provides independent domains for each company affiliation Future expansion and high levels of compatibility alongside acceleration 	<ul style="list-style-type: none"> Lacks capability related to accommodating a large number of users <ul style="list-style-type: none"> No experience in expansion Lacks availability and compatibility as only experienced with establishing systems for individual companies 	<ul style="list-style-type: none"> High levels of availability but no domestic references
Customization	<ul style="list-style-type: none"> Able to customize based on client company policies (based on separate negotiations) 	<ul style="list-style-type: none"> Able to customize 	<ul style="list-style-type: none"> Cannot customize, and therefore at a client win back stage
Partnership	<ul style="list-style-type: none"> Established partnerships with 3 domestic manufacturers (Samsung, LG, Pantech, SDK) Contracted as a KNOX reseller Established a partnership with Apple 	<ul style="list-style-type: none"> Only some products have entered into partnerships. Have not entered into partnerships with all manufacturers 	<ul style="list-style-type: none"> Only some products have entered into partnerships with Samsung, etc.
Reference	<ul style="list-style-type: none"> Large group corporations, financial institutions, companies, public institutions, etc. No. 1 in domestic references 	<ul style="list-style-type: none"> Extremely limited references <ul style="list-style-type: none"> Many false references 	<ul style="list-style-type: none"> Some overseas and global cases Applied group wide in Korean branches
Economic Feasibility	<ul style="list-style-type: none"> Reasonable pricing system based on domestic security product criteria and maintenance of stable relations 	<ul style="list-style-type: none"> Low pricing policies to secure references 	<ul style="list-style-type: none"> Burdensome to introduce with very high prices compared to functions

Major Customers



Groups

<p>코오롱</p> <p>Chemicals, bio, materials, R&D, distribution, fashion, construction, leisure, etc.</p>	<p>E-LAND 이랜드</p> <p>Food, distribution, fashion, construction, accommodations, leisure, etc.</p>	<p>금호아시아나</p> <p>Airline, transport, tire, construction, terminals, accommodations, IT, etc.</p>	<p>신한금융그룹</p> <p>13 affiliates in the finance sector</p>	<p>중외그룹</p> <p>Pharmaceuticals, LED lamps for medical devices, products for cars, etc.</p>
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Finance

NH농협은행	신한생명	신한은행
신한금융투자회사	신한금융투자	신한데이터시스템
신한데이터센터	동양생명보험(주)	현대해상
롯데카드 LOTTE CARD	LIG 손해보험	하나캐피탈
아주캐피탈	JB우리캐피탈	ACE 생명
비씨카드	MIRAE ASSET 미래에셋생명	금융결제원
KB국민카드	and many other	



Research Ins. & Manufacturing., etc.

LG하우시스	LG생명과학	현대삼호중공업
HANMI Semiconductor	주식회사 동진세미켄	LS엠트론
AGC	오비맥주(주) Oriental Brewery Company	LOTTERIA
KCC	대우건설	t-broad
TORAY 도레이첨단소재	DK 동국산업	and many others
LG화학 Research Park	ETRI Security Technology Research Institute	코오롱 Technology Center
DGIIST 대구경북과학기술연구원	and many others	



Public Institutions

K water	사학연금	한국산업단지공단
IIC Incheon International Airport	Dongdaemun Design Plaza & Park 동대문디자인플라자	ncia
국군복지단	문화체육관광부	금융결제원

Recorded the largest num. of customers/users in Korea mobile security market

Over 700,000

Case Study



Device security policies are applied in a variety of ways depending on company operation policies. Device restriction policies are applied when using business or work apps, and during access control. Remote control functions to manage lost devices (such as location confirmation, data deletion, etc.) are authorized only to the user in order to protect personal information.

Device Security Set Up

Password policies

Device regulation policies

Device security policies

Measures for Lost/Stolen Devices

Self Service

Losers

Remote lock

Request return

Declaration

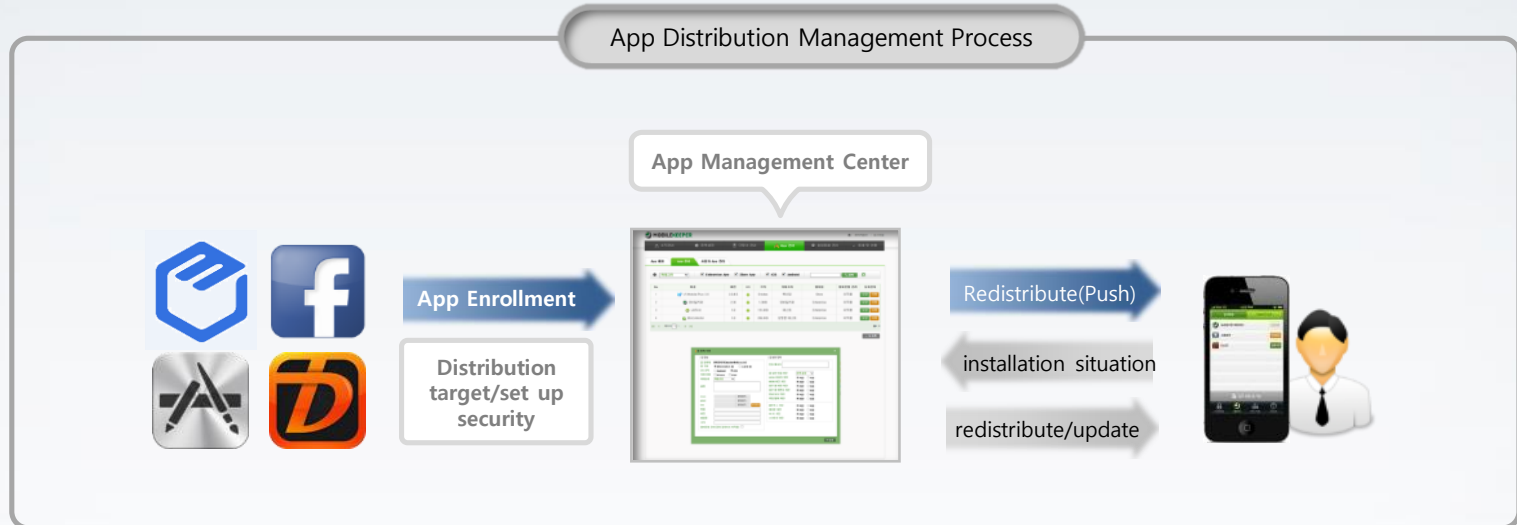
Help Desk

Loss Treatment

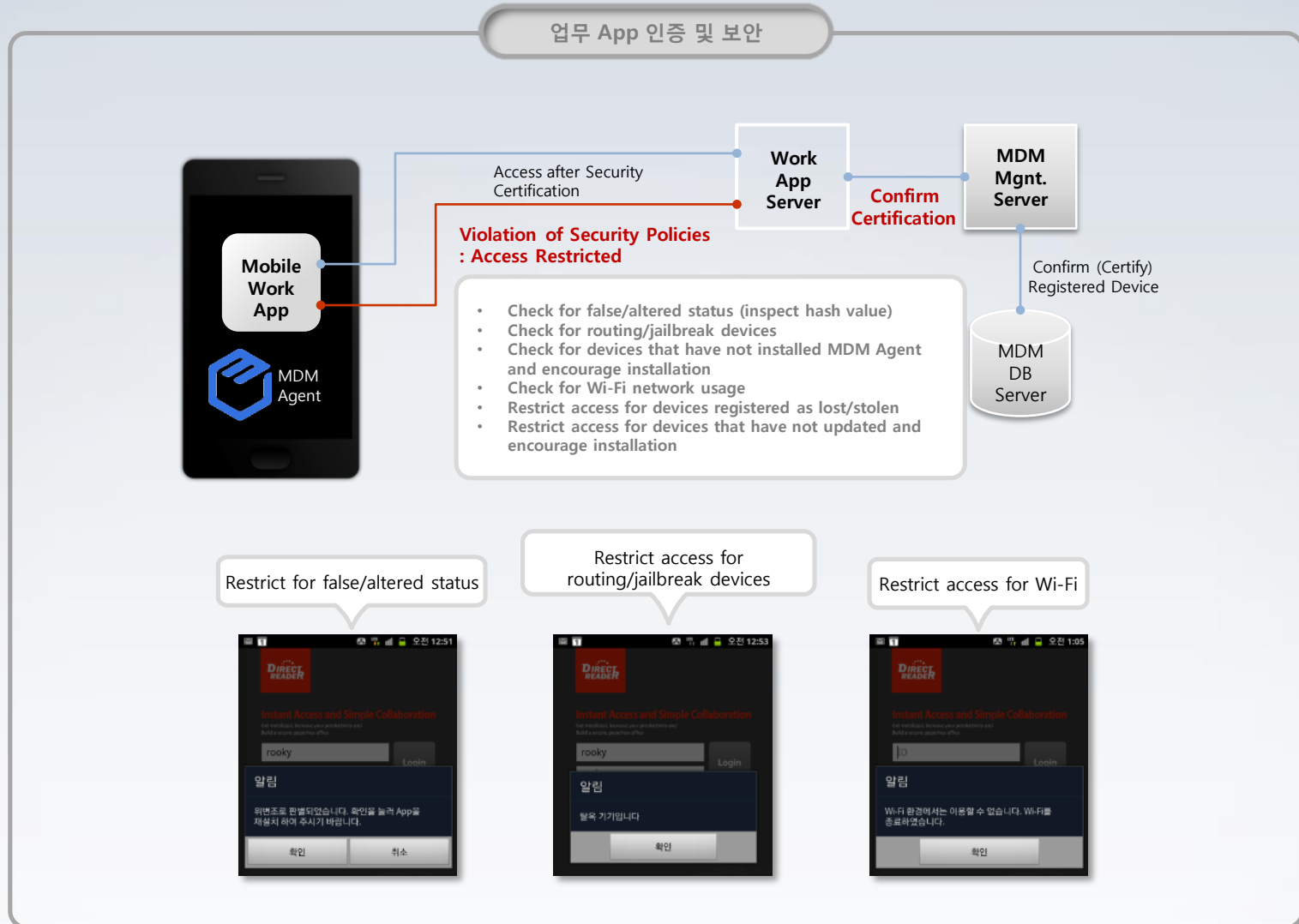
Confirm current location

Case #2. Distribution/Management of Work Apps: MAM

As mobile offices become more commonplace, MAM makes registering/distributing/updating work apps easier. This system is able to collect current information related to user and group installation/update, and more. MOBILEKEEPER's internal company App Store and management tools enable effective distribution and management of work apps and user apps.

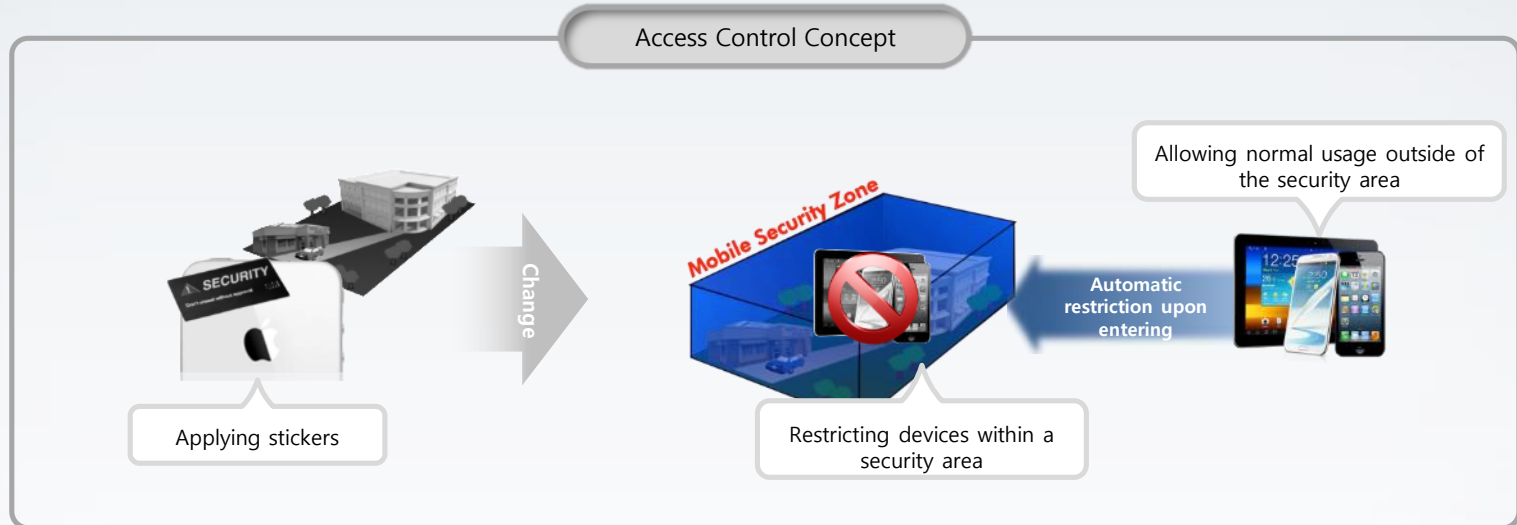
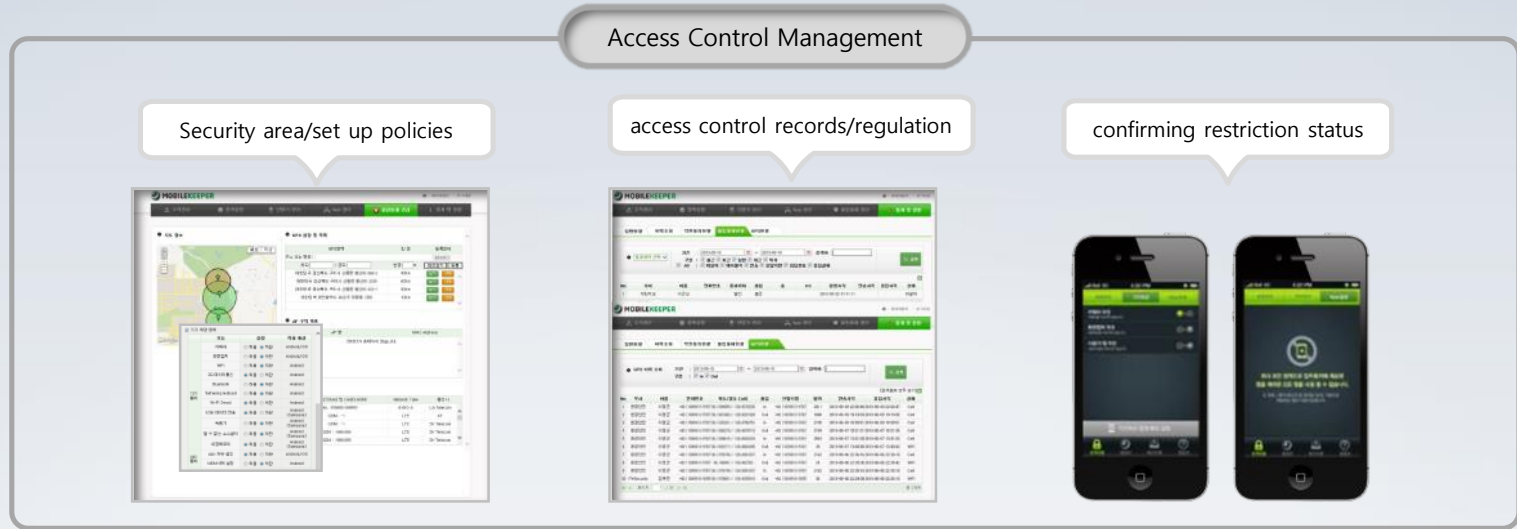


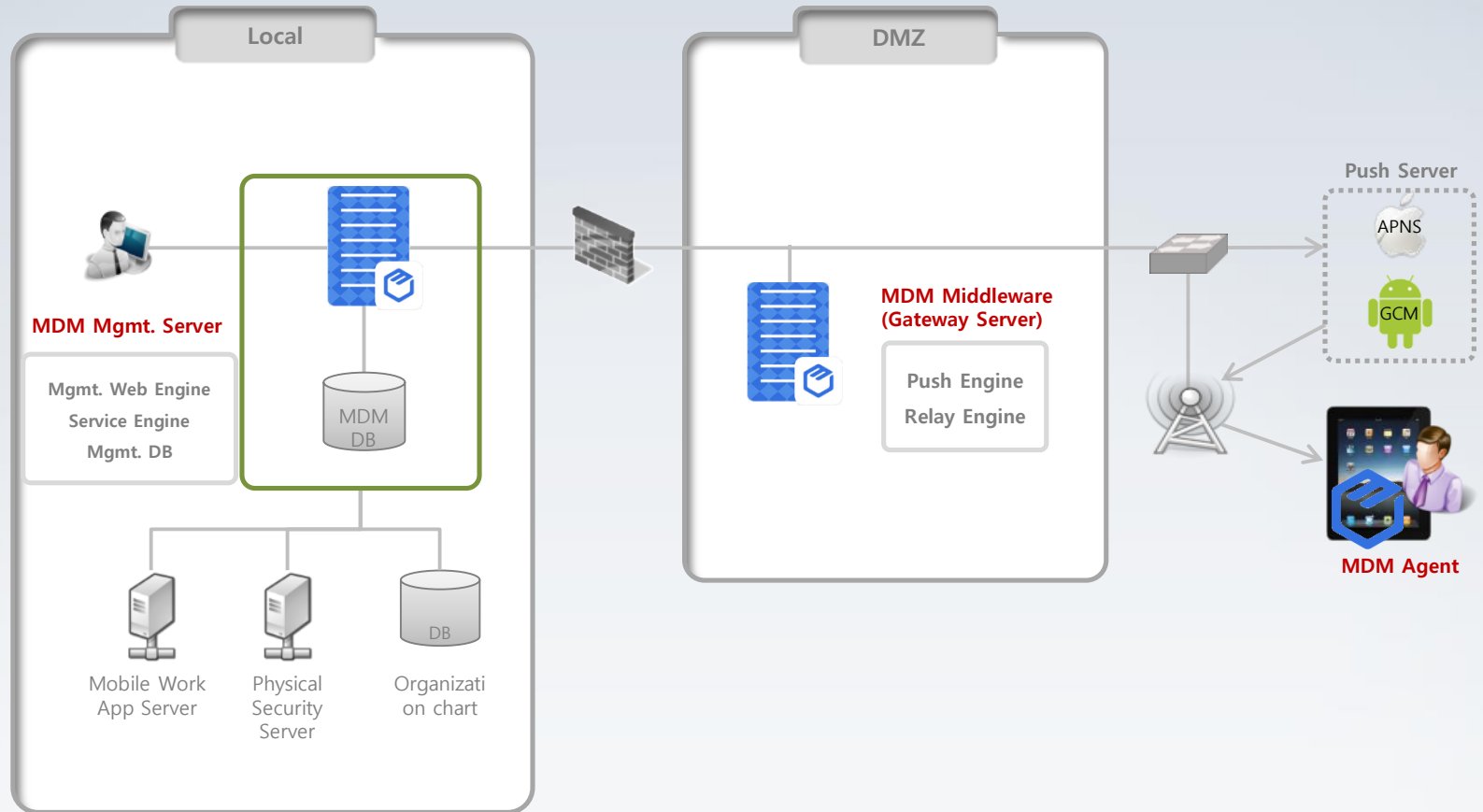
The mobile office system emphasizes work efficiency but is very vulnerable to security threats. As such, information leaks can occur in various ways and simple authorization methods (ID/PW) are lacking in security strength. MOBILEKEEPER (MDM), increases user security of mobile offices and minimizes user dissatisfaction through App certification, device certification, screen capture restrictions, and more.



Case #4. Mobile Device Access Control: MDAC

To prevent vital work data from being exposed, restricting camera/recording/Bluetooth functions and unauthorized app usage is necessary within the company. MDAC reduces the hassle of the existing sticker method, and automatically blocks a variety of smartphone functions and apps to prevent information leaks within a security area. Operational scenarios include GPS based/wireless network based/linking to physical security systems and more, with linking to a physical security system being the most general.





Company Overview



Company Overview

Korea No1. Security Vendor

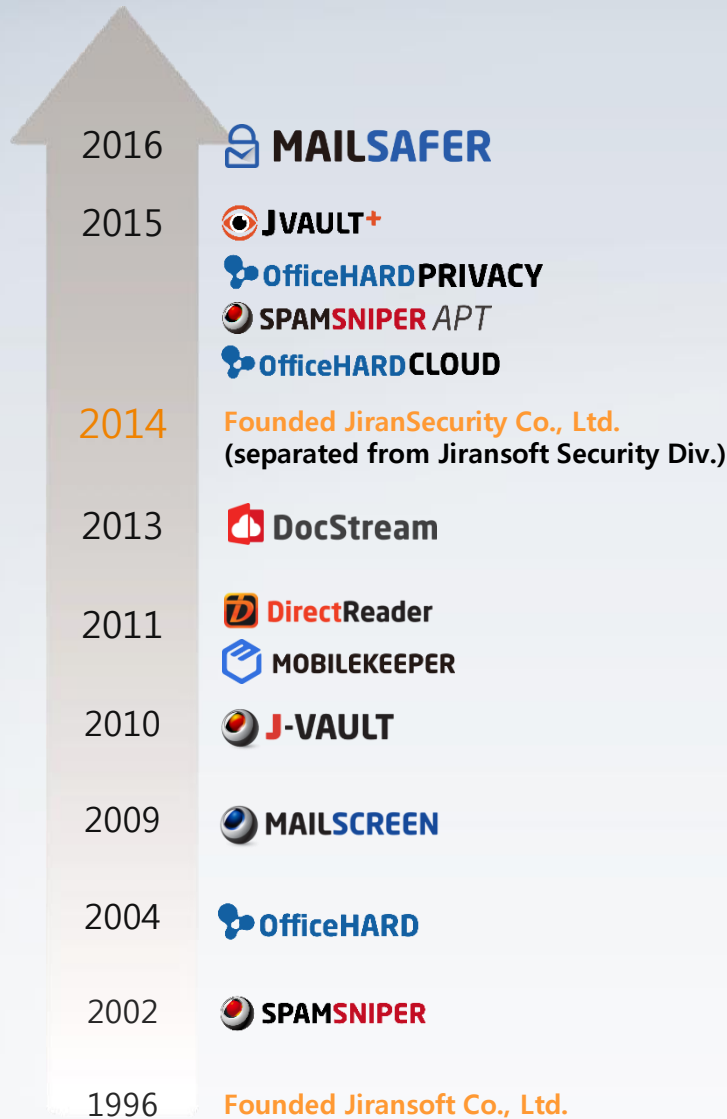
JiranSecurity has grown its business for 20 years as the Security Div. of Jiransoft, a leading security solution vendor in Korea, and has been separated from the parent company in January 2014. JiranSecurity is making efforts for research and development of more specialized security products in order to be a 100-year-lasting security company based on trust and communications with customers.

Company	JiranSecurity Co., Ltd.
Foundation	January 1, 2014 (separated from parent company Jiransoft Security Division)
Representative & CEO	Doo Shik, Yoon
Business Area	Security solution development
Major Product & Service	Mail security, Document security and Mobile security
No. of Employees	115 employees (As of January 2016)
Capital	₩ 1.1 billion
Sales	₩ 15.5 billion (as of 2015)
Location	(Seoul) (5 th Floor, Shinsa S&G) 542, Yeoksam-ro, Gangnam-gu, Seoul (Daejeon) 604, Hanshin S Mecca 1359, Gwanpyeong-dong, Yuseong-gu, Daejeon
Webpages	http://www.jiransecurity.com



Company History

Product Launch



Certification by Line-up Product

- 2015 **Jun : launched J-VAULT+**
Apr : launched SpamSniper APT
Jan : formed a partnership with FireEye Korea
 - 2011 Jun : acquired GS certificate for J-VAULT, MailScreen
 - 2010 **Sep : launched J-VAULT**
 - 2009 Dec : acquired CC certificate for SpamSniper CC
Apr : launched MailScreen
 - 2007 Jun : SpamSniper won grand prize for the New SW product Award
(Ministry of Information and Communication)
 - 2002 **Oct : launched SpamSniper**
-
- 2015 **Jun : launched OfficeHard PRIVACY**
Jan : launched OfficeHard CLOUD
 - 2014 Apr : acquired GS certificate for DirectReader
 - 2013 Dec : OfficeHard won excellent prize for TTA Test Certification Award
Sep : launched DocStream for corporate use
Aug : acquired GS certificate for OfficeHard VEX
Apr : launched OfficeHard VEX
 - 2011 **May : launched DirectReader**
 - 2009 Aug : OfficeHard won grand prize for the Japan Monotsukuri Award
 - 2004 **Nov : launched OfficeHard**
-
- 2016 Jan : launched MailSafer
 - 2014 Nov : MobileKeeper won the Ministry of Trade, Industry & Energy's prize for the Korea Technology Awards
Jul : acquired first CC certificate for MobileKeeper as MDM
 - 2013 Nov : MobileKeeper won the Korea Economic Daily Representative's Prize for the 13th Mobile Technology Award
Jul : MobileKeeper passed Security Conformance of the National Intelligence Service
 - 2012 Oct : acquired the first GS certificate for MobileKeeper MDM Solution**
 - 2011 Sep : launched MobileKeeper 2.0**

