

ICT COMPACT DIGITAL SECURITY SOLUTION

It's the lock system based on an innovative digital security platform to provide superior reliability, serviceability and security to mechanical locks, while maintaining the compact size.



Security

- Encrypted authorization for a digital key and a digital lock
- Set a password to a digital key for double authentication

Management Convenience

- Audit-trail (a digital key & a digital lock log are written and viewed)
- Set permission and access schedules (date/time) to an authorized digital key for easy management

Scalability

- Possible to establish the various functionality and management system
- Possible to expand via interfaces with other systems
- Compact size enable to provide a broad range of applications

Innovation

- ICT compact locking device with real-time control
- Digitalization of cylinder, the core part of lock
- Digitalization of small mechanical lock



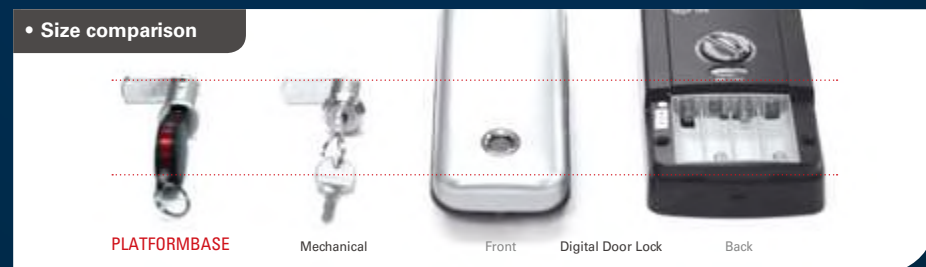
INDUSTRIAL SECURITY SOLUTION

COMPACT DIGITAL LOCK for Industrial Security and Integrated Management

PLATFORMBASE Digital LOCK?

Is the platform-based Compact Digital Lock designed to increase security, Innovation, Convenience beyond the function of mechanical lock while keeping its compact size.

• Size comparison



THE NEW DYNAMIC ACCESS CONTROL

PLATFORMBASE products are designed to combine digital functionalities with analog sensibility.



Access control reinforcement through cost reduction and productivity & efficiency improvement

Managed Access Control

SMART DIGITAL LOCK

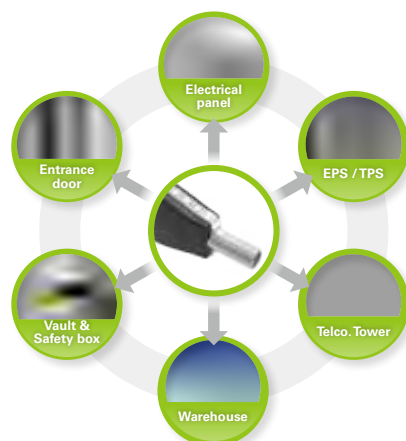
Industrial Security has been emphasized to switch to digital door-lock systems for main entrances. However because of the size issues, the application of conventional digital door-lock systems has been very limited, which left desk drawers, cabinets, ATMS and device panels to be still managed allow you to switch mechanical locks to be digitalized to achieve outstanding security and serviceability.

A single key can authorize access to multiple digital locks
Multiple keys can be registered to a single digital lock

ONE-KEY SOLUTION

AUDIT-TRAIL

Reinforced security and management by digitizing
A MECHANICAL LOCK



A single key can authorize access to multiple digital locks

A key and lock's audit trail are maintained and displayed anytime



DIGILOG-LOCK SYSTEM

Digital Function with Analog Sensibility

PLATFORMBASE products are designed to blend digital functionalities and analog sensibilities. We provide innovative functionalities while adhering to the functional essence of existing lock systems at the same time.

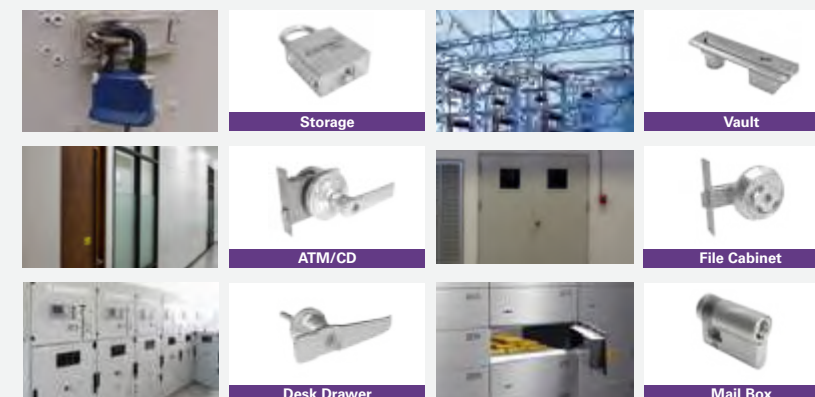
PLATFORMBASE SMART DIGITAL LOCK SYSTEM allow to maintain mechanical locks' form factors to provide the enhanced UX and UI. Because of the compatible shapes, users can operate just lick mechanical lock systems to lock and unlock with great familiarities.

Moreover, our products are designed so that hassle-free replacement of existing mechanical locks is guaranteed.

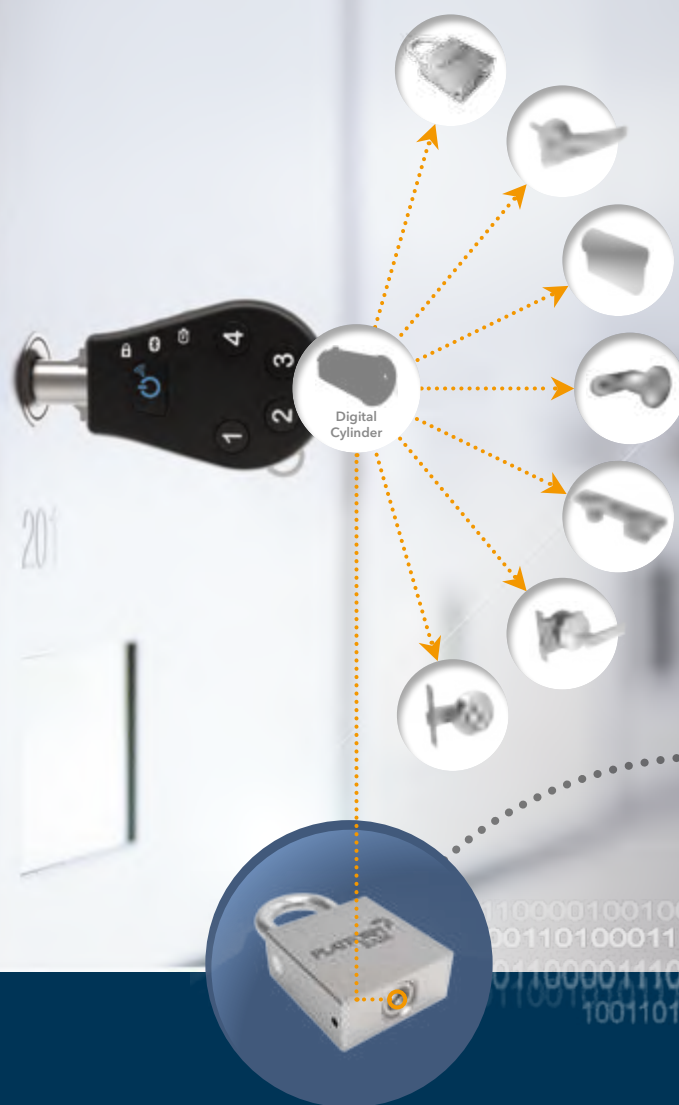


Smart Digital Lock that can be managed with a single key
Smart Digital Lock

Use all in one smart digital lock and key management



ICT Compact digital security solution, in platformbase based with reinforced security and convenience for industrial and integrated management



DIGITAL LOCK

- No Picked Locks
- Broad range of product Line-up
- Multi-User access
- No Battery
- Save event logs
- Strong tolerance to such outer environment changes an electric shock and power failure
- Digital cylinder operated by motor, not by solenoid operation



DIGITAL KEY

- No Copied Keys
- No need to replace a lock when a key is lost
- Micro-B USB charge
- ONE-Key management
- Network connection
- Reinforced security through double authentication
- Save event logs, Built-in clock



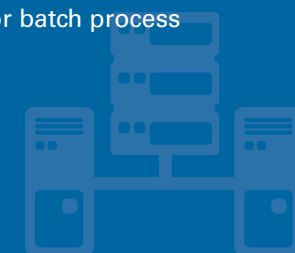
MOBILE DEVICE

- Data Relay

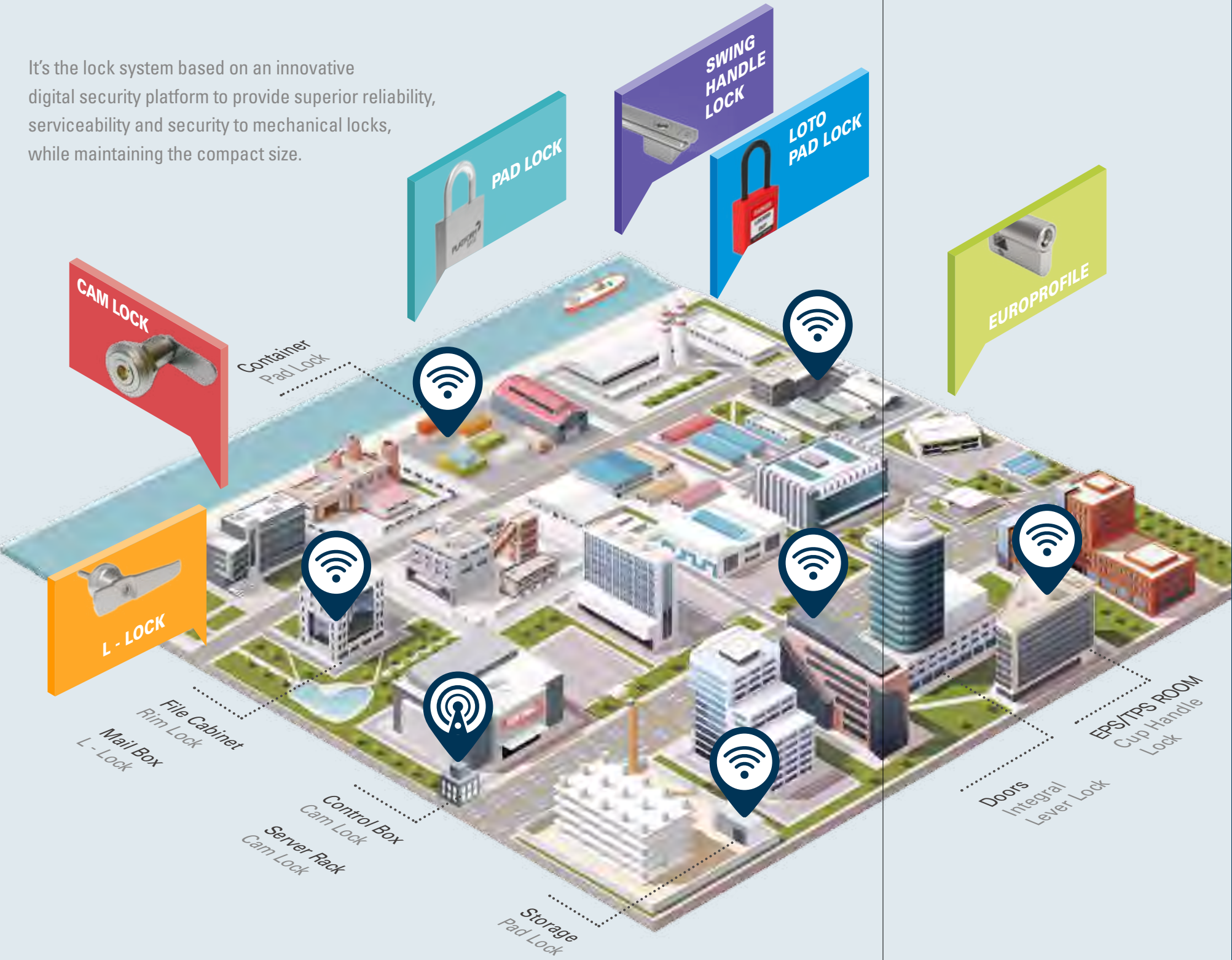


MANAGEMENT APP

- Easy to manage through real-time network
- Save and display event logs
- Set authorization and access schedule to a key
- Real-time process or batch process



It's the lock system based on an innovative digital security platform to provide superior reliability, serviceability and security to mechanical locks, while maintaining the compact size.



MORE THAN SECURITY SMART SOLUTION

REAL TIME NETWORK

After entering a building, inserting a digital key into a digital lock enables to effect on communication and transfer audit-trail history to server through a user's smart phone. And then, real time network activities can initiate access control and audit-trail to all the locking devices inside the building.

Cylinder, platform-based core technology, is Equipped with various external housing and transformed into a Digital Lock suitable to any objects.

The main potential customers are semiconductor factories, power plants, telecommunications base stations, the military, banks , government organizations and others.



INNOVATION & POSSIBILITY FUTURE FRONTIER

With our innovative functionality and certified applicability
PLATFORMBASE has been noticed as a new leader in Industrial Security

HISTORY



Excellence Awards from
"Hanyang University Start-up Academy"



Agreement Ceremony with Sungkyunkwan University
for Prototype Production Supporting Project



Granted Prime Minister Award in Korea Invention
Patent Exhibition 2013



Best Award from "Intellectual Property Family 2015"
(Suwon Regional Intellectual Property Center)

2012~
2014

- Tech Start-up
- Granted "New Excellent Technology Certificate" from Ministry of Trade, Industry and Energy(MOTIE)
- Granted "Prime Minister Award" in Korea Invention Patent Exhibition 2013
- Quality Management System Certification(ISO9001:2008)
- Selected for "1st Korea Online E-Procurement System for Start-ups" by Public Procurement Service(PPS)

2015~
2016

- R & D Department established (Korea Industrial Technology Association)
- Selected for R&D Project by Ministry of Science, ICT and Future Planning
- Best Award from "Intellectual Property Family 2015" (Suwon Regional Intellectual Property Center)
- KC Certification (National Radio Research Agency)
- IFSEC International Participation ever since 2015
- Granted Award of Ministry of Trade, Industry and Energy in Technology Protection Section, Innovative Technology Show
- 1st Export to Global Telecommunication company in Europe

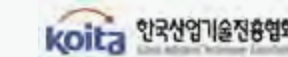
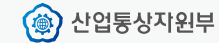
2017~
2018

- Selected for IP-R&D Supporting Project
- 2017 Small and Medium-sized Enterprises Awarded for Technology Development in Suwon
- Bronze medal in the ICT Patent Management Competition
- Selected for Innovating company in the 1st IBK Changgong project
- Investment Inducement from IBK, one of the leading bank in Korea
- 2nd Export to Global Telecommunication company in Europe
- Supply to leading companies in Korea including KEPCO(Korean Electric Power Corporation) and many more

2019~
2020

- IFSEC (Major security Exhibition) Participation five times in a row
- KBSTV Broadcasting (Locks Documentary)
- Certification of Industrial Convergence Leading Companies, Selection of Industrial Convergence Items, and Certification of Export Frontier Companies
- Participating in the 2020 CES
- Export to Europe
- KES Innovation Award

PARTNERS



AWARD



Granted Prime Minister
Award in Korea Invention
Patent Exhibition 2013



Excellence Award from
Hanyang University
Start-up Academy



Excellence Award from
Sungkyunkwan University
Family-Company



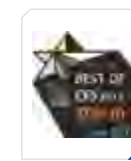
Best Award from
Intellectual Property
Family 2015



KES Innovation
Award



Appeal for the Gyeonggi
Provincial Business
Administration



Selected for "Best Top 10"
among Made in Korea in
the CES 2017 Las Vegas



2017 Small and Medium-
sized Enterprises
Awarded for Technology
Development in Suwon



Granted Award of Ministry
of Trade, Industry and
Energy in Innovative
Technology Show



Bronze medal in the ICT
Patent Management
Competition

PATENT REGISTRATION



Patent Registration in
Korea



Patent Registration in
China

Patent
Domestic(5)
Int'l(7)

Design
Domestic(2)
Int'l(4)

Trade Mark
Domestic(4)
Int'l(2)



Patent Registration in
USA



Patent Registration in
Europe

GOVERNMENT R&D

- 2012 Start-up Item Commercialization Supporting Project (Small and Medium Business Administration)
- 2013 Small and Medium Business Technology Development Project (Small and Medium Business Administration)
- 2015 Technology Development Project followed by Company affiliated R&D Project(Ministry of Science, ICT and Future Planning)

- 2015 Research and Business Development Project (Ministry of Trade, Industry and Energy) "Innovation Performance"
- 2016 Design Innovation Project (Ministry of Trade, Industry and Energy)
- 2017 IP R&D Project (Korea Patent Strategy Development Institute)
- 2018 Development of Product Process Improvement Technology (Department of Small & Medium Venture Enterprise)
- 2019 Gyeonggido Tech'y Development Project(GBSA)

CERTIFICATE



ISO 9001:2015



CE Certification(Lock)
2 cases



CE Certification(Key)



Bluetooth Certification



NET(New Excellent
Technology) Certification



Confirmation of Industrial
Convergence Product



Certificate of
Venture Business



KC Certification



R&D Institute



State-Authorized Test
Report(15 cases)



Investment Enterprise
Certification from
Industrial Bank of Korea



Public Procurement
Service Designation of
'Venture Country'



Certification of
Industrial Convergence
Leading Companies



ICT
COMPACT
DIGITAL
SECURITY
SOLUTION



A603, 142-10, Saneop-ro 156beon-gil, Gwonseon-gu, Suwon-si, Gyeonggi-do, Republic of Korea

Tel. +82-31-5182-8255 **Homepage** www.platformbase.co.kr **E-mail** sales@platformbase.co.kr