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.

ICT

COMPACT

NO BATTERY

AUDIT-TRAIL

PLATFORM
BASE

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

ICT

COMPACT

NO BATTERY

AUDIT-TRAIL

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

PLATFORMBASE   Mechanical   Front   Digital Door Lock   Back

THE NEW DYNAMIC
ACCESS CONTROL

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

SMART DIGITAL LOCK

Access control reinforcement through cost reduction and productivity & efficiency improvement

Managed Access Control

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

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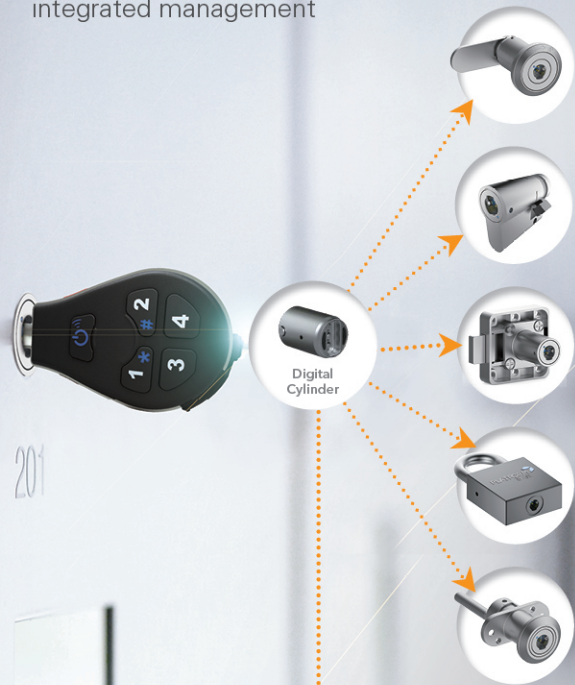
Smart Digital Lock that can be managed with a single key

Smart Digital Lock

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

Use all in one
smart digital lock and key management

Storage | Vault | ATM/CD | File Cabinet | Desk Drawer | Mail Box

Bluetooth

Audit-trail

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

Digital Cylinder

Encryption algorithm

Bluetooth

NETWORKING
LOCKING SOLUTION

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
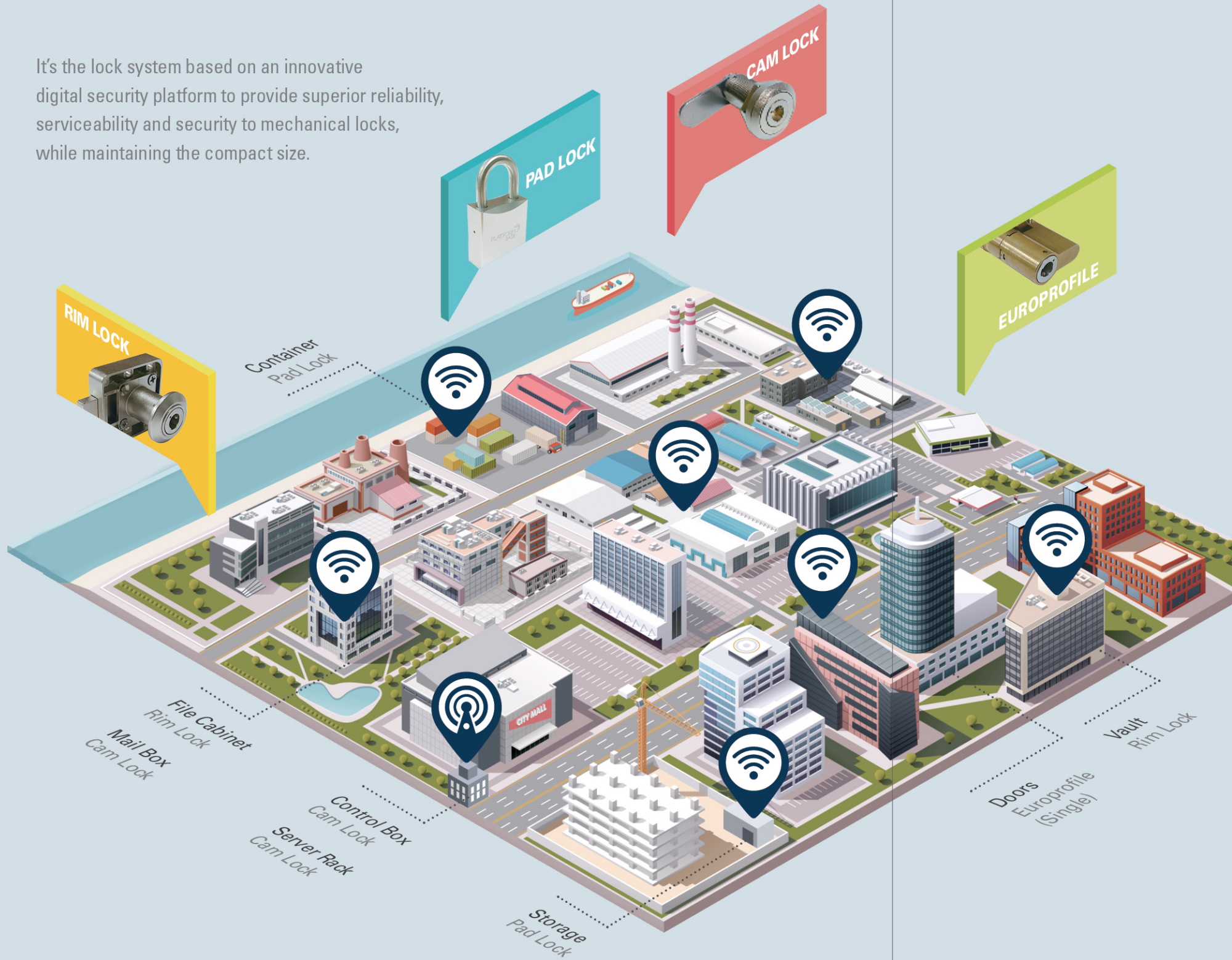- Save event logs, Built-in clock

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.

CAM LOCK

PAD LOCK

EUROPROFILE

RIM LOCK

Container
Pad Lock

File Cabinet
Rim Lock

Mail Box
Cam Lock

Control Box
Cam Lock

Server Rack
Cam Lock

Storage
Pad Lock

Doors
Europrofile
(Single)

Vault
Rim Lock

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-train 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.

Main applications are casinos, industrial settings, schools, hospitals, banks, military, public facilities, buildings, traffic facilities and etc.

MORE THAN SECURITY
SMART SOLUTION

INNOVATION & POSSIBILITY
FUTURE FRONTIER

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

PARTNERS

미래창조과학부 Ministry of Science, ICT & Future Planning

산업통상자원부

조달청

중소기업청 Small & Medium Business Administration

한양대학교 기술경영전문대학원

성균관대학교 SUNG KYUN KWAN UNIVERSITY

gstep 경기과학기술진흥원 Gyeonggi Institute of Science & Technology Premotion

수원시창업지원센터 Suwon Business Incubation Center

koita 한국산업기술진흥협회 Korea Industrial Technology Association

TTA 한국정보통신기술협회 Telecommunications Technology Association

KCL 한국건설생활환경시험연구원

KC 한국기계전기전자시험연구원

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
Tech Start-up
Excellence Awards from "Hanyang University Start-up Academy"
MOU with Graduate School of Technical Management (MOT),
Hanyang University

2013
Quality Management System Certification(ISO9001:2008)
Selected for "1st Korea Online E-Procurement System for Startups" by
Public Procurement Service(PPS)
Granted Prime Minister Award in Korea Invention Patent Exhibition 2013
Selected for R&D project by Small and Medium Business Administration
Granted "New Excellent Technology Certificate" from Ministry of Trade,
Inustry and Energy(MOTIE)

2014
Selected for Happiness Technology Realization Project (Korea Invention
Promotion Association)
Hanyang University LIONCUP Competition

2015
Selected for R&D Project by Ministry of Science, ICT and Future Planning
R&D Department established(Korea Industrial Technology Association)
KC Certification (National Radio Research Agency)
Best Award from "Intellectual Property Family 2015" (Suwon Regional
Intellectual Property Center)
Best Award from "Pangyo Demo-day" (Gyeonggi Institute of Science &
Technology Promotion)

2016
Mobile World Congress 2015, Barcelona, Spain
ICT Exhibition organized by Defense Security Command
Korea Public Procurement Expo organized by Public Procurement Service
(participation since 2014)
IFSEC International 2016 (participation since 2015, London, UK)
Selected for R&D Project by Ministry of Trade, Industry and Energy
Granted Award of Ministry of Trade, Industry and Energy in Technology
Protection Section, Innovative Technology Show

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"

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

ICT COMPACT DIGITAL SECURITY SOLUTION

PATENT REGISTRATION

Patent Registration in Korea(3)

Patent Registration in China

Registration in USA

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)

2016 Design Innovation Project (Ministry of Trade, Industry and Energy)

CERTIFICATE

ISO 9001:2008

CE Certification(Lock)

CE Certification(Key)

Bluetooth Certification

New Excellent Technology Certification

Certificate of Venture Business

KC Certification

R&D Department

State-authorized Test Reports

etc

플랫폼베이스

PLATFORM
BASE