



Blockchain & AI Based Security Technologies

KounoSoft Co., Ltd.



Authentication



Blockchain+AI



Spatial Sensing

CASE STUDY



All
sense

Korea University
SK Future Hall



“Spartial service for human”



Smartphone Pattern
Certification

- ◆ Self security certification technology
- ◆ Simple and powerful self-certification



ReID

- ◆ Reduction of Costs for Maintenance
- ◆ Facility space management
- ◆ Application of AI Unmanned System

Block chain



DID

- ◆ Self-identification
- ◆ non-face-to-face(Untact) needs acceptance

PLATFORM CONCEPT

All Sense

Basic

Smart Reservation/Ordering System
“Sslayo”



All Sense

Advance

Smart Attendance Management System
“Inclass”



All Sense

Premium

Smart Spatial Management,
Lab Monitoring System Configuration
“Smart Spatial Management System”



Reservation, cancellation,
access through smartphone app

- Reservation
- Utilization
- Cancellation

Data detection via Beacon/ Tag

- Entry Registration
- Exit Registration
- Abnormal Body Temperature Detection

Data detection via Gateway

- Tem
- Humidity
- Fine Dust
- Flame Detection
- Motion
- Sound Detection
- Entry/ Exit
- CO₂



Data collection/ Monitoring



Data collection/ Monitoring/ Control

SYSTEM COMPOSITION AllSense Premium

Operating Space (Smart Building, City)



Terminal



Tem



Humidity



CO2



Motion



Flame Detection



Door opening
detection



Sound Detection



Fine Dust

Servers



Spatial Reservation / Access

IoT Monitoring Server

Blockchain / AI Server

Dashboard / Integrated

User/Admin UX

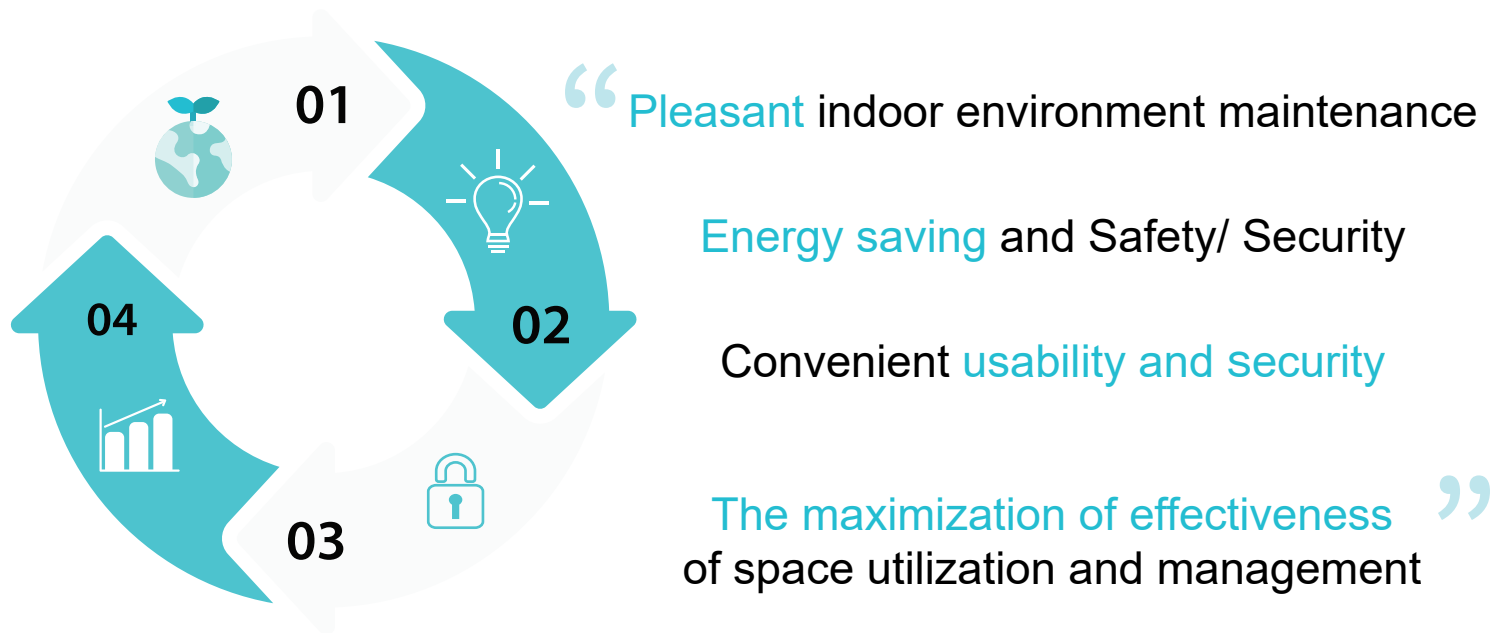


Monitoring Screen
for rooms

Manager Screen

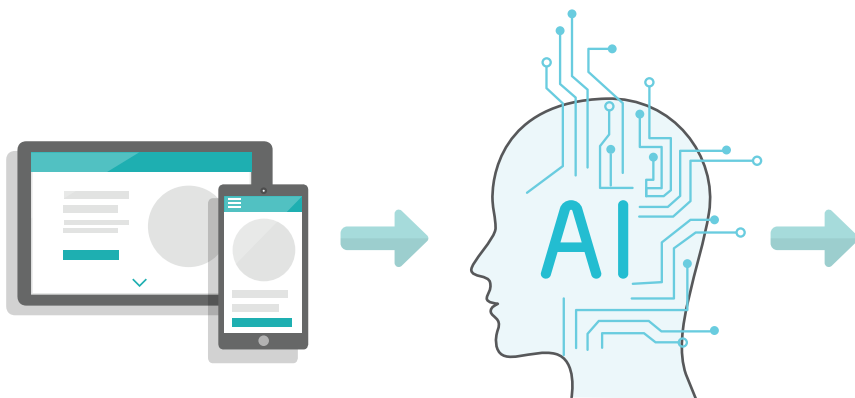
Policies Screen

DIFFERENTIATED FEATURE



CREATION VALUE

Movement Identification	Density Analysis	Space Utilization analysis	Efficiency of Energy Saving and Arrangement
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Reservation application

AI-based Allocation of the Room



Movement to assigned room via navigation

KOUNOSOFT

The huge wave of Change

- Registered as a specialized technology company(ESP) by The Ministry of SMEs and Startups
- Excellent invention, priority purchase selection(kipa)
- Korea University Future Technology Promotion Center selected as the best company in growth
- Seoul Rising-Star Company Certification (Seoul Industry Promotion Agency / Seoul Credit Guarantee Foundation)
- Security merit (The Ministry of SMEs and Startups)



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