OneMoreSecurity Inc.
SOLUTION GUIDEBOOK

We will run towards the goal of becoming a "Global Unicorn Company"
that provides customer-centric innovative technologies in the field of
"Information Security and Artificial Intelligence"

OMS
One More Security

Contents
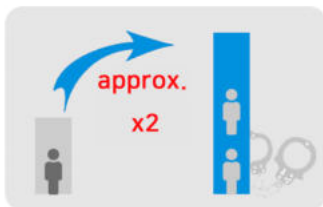
OneMoreEYE (OMEYE)

AI Video Surveillance All-in-one Safety Platform

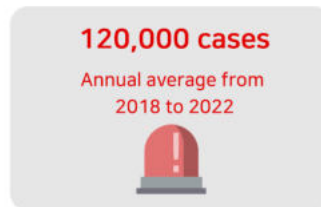Real-time location detection, route map animation, and smart surveillance monitoring service
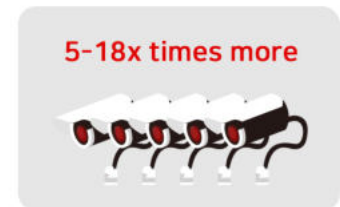
▶ **OMEYE Awards & Certifications**

Excellent Product designated by PPS	**New Excellent Product** designated by MOTIE	**Innovative Products** designated by PPS	level1 **Good Software (GS) Level 1, TTA** Software Quality (ISO/IEC 25023, 25041, 25051)
KISA K-ICTC Intelligent CCTV Performance	**KISA K-NBTC** Face Recognition (ISO/IEC JTC1 SC37)	**KOLAS** System and Software Quality (ISO/IEC 25023)	**fido** CERTIFIED FIDO2 **FIDO Authentication** Secured Login	**WSCE 2022** Awards Winner
MOTIE Minister's Awards commercialization of new technologies	**Excellent Information Security Technology** designated by MSIT	**MSIT Minister's Awards** Information Security Merit	**MSIT Minister's Awards** Information Security Product Innovation Contest	**MSIT Minister's Awards** Excellent Company

---

☐ Necessity of Introducing

approx. x2

# of increase in crimes against polices

120,000 cases
Annual average from 2018 to 2022

# of reported missing persons every year in Korea

5-18x times more

# of increase in CCTVs against standards

☐ Problems of Existing Solutions

Analysis through the naked eye →

+ 30 Mins ~ 2hour ↑
1 hour-long video

Cannot analyze automatically for tracking the object
Multiple CCTV footages

- 50% ↓
Accuracy
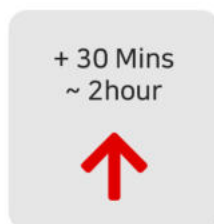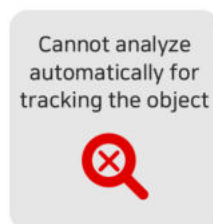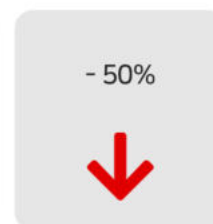
Cannot monitor dangerous situations at all times
Event-based surveillance

☐ Technical Approach

Smart Centralized Surveillance (Fast Search)

Tracking Target	Accuracy

People

- **Face Recognition**
  (Face mask on/off) → 99.98% (Mask On:98.45%)

- **Person Re-Identification**
  (Body shapes, clothes, shoes, etc.) → Rank 1 (99%)
  → Within Rank 5 (99.8%)
  (Re-ID for Top 5 Candidates)

Smart Selective Surveillance

Detect events automatically for people
(loitering, trespassing, falling, overcrowding, counting, jaywalking, etc.),
vehicles (intrusion, illegal parking, license plate, etc.),
and other events (fire, smoke, hard hat, abandonment, SOS hand signal etc.)

☐ Key Points

- **High Accuracy**
  (Guaranteed fully verified algorithm
  performance by KISA and KOLAS)

- **Fast Analysis**
  (Takes under 15 seconds for 1 hour long video)

- **Real-Time Detection**
  (Detects the target's location in real-time)

- **Efficient Analysis**
  (Analyzes multiple targets and CCTVs all together)

- **No CCTV Replacement**
  (Applicable to any existing environment)

- **Smart Selective Surveillance**
  (Reduces control agents' intense workload & reliance)

☐ Service Diagram

Multiple CCTVs

↕ Video

VMS

Video Storage Server   Video Display Server

←→ Video Data Linkage with VMS

OMEYE

AI Analysis Server

Analysis Result
←→
Analysis Request

Control Agent's PC
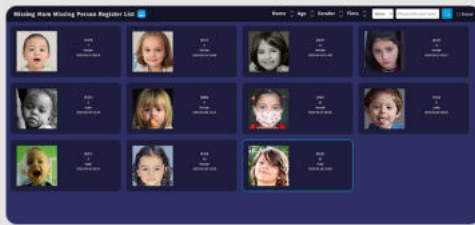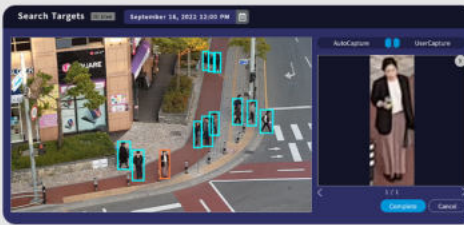
☐ Important Screen and Operational Scenario

Real-time detection and route map animation on the selected people or vehicles
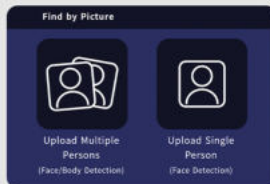
Select Targets
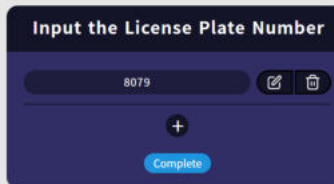

by selecting **Missing Person List**

by capturing images from **CCTV Video**

by selecting **characteristics**
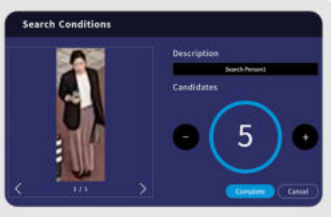

by uploading **pictures**

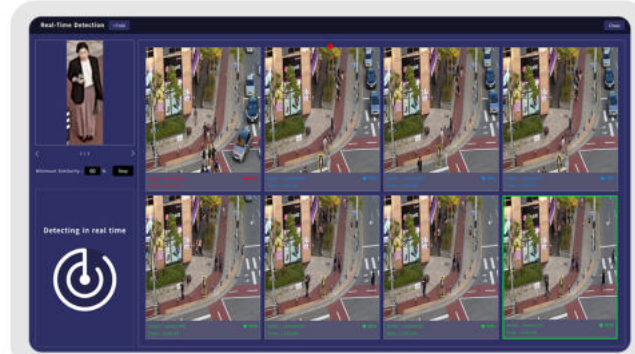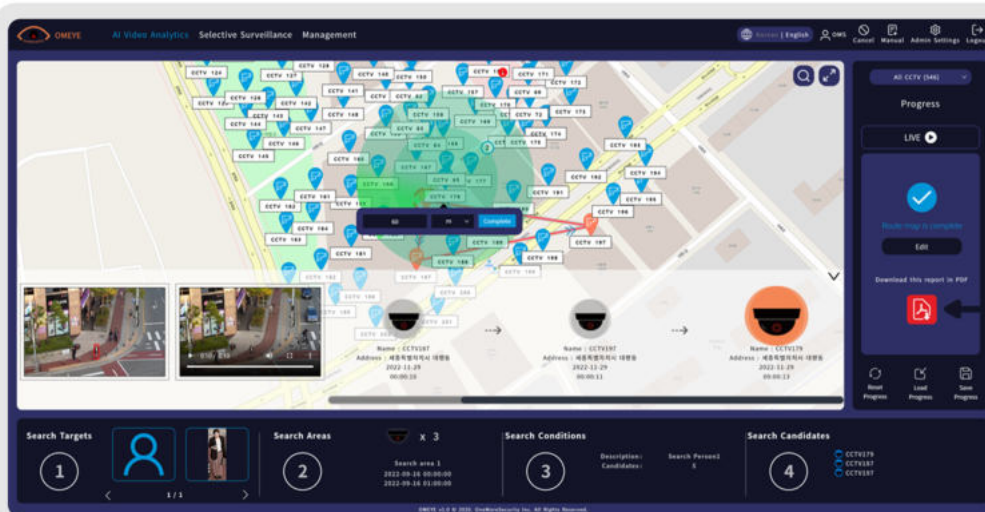by entering license **plate number**

Select Areas

Select Conditions

▶ Real-time Detection for Live Monitoring

Select Candidate Targets

Animate Map Route

Download Results
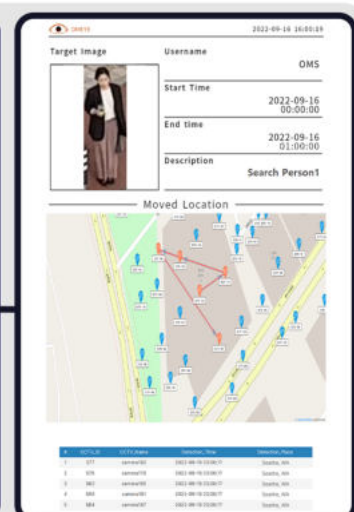
Smart Surveillance Service (Event Monitoring)

Event Detection Policy Settings
(People, Vehicles, License Plate Numbers)
- loitering, trespassing, falling, overcrowding, illegal parking, fire/smoke, hard hat, etc.

Live Videos on Detected Events
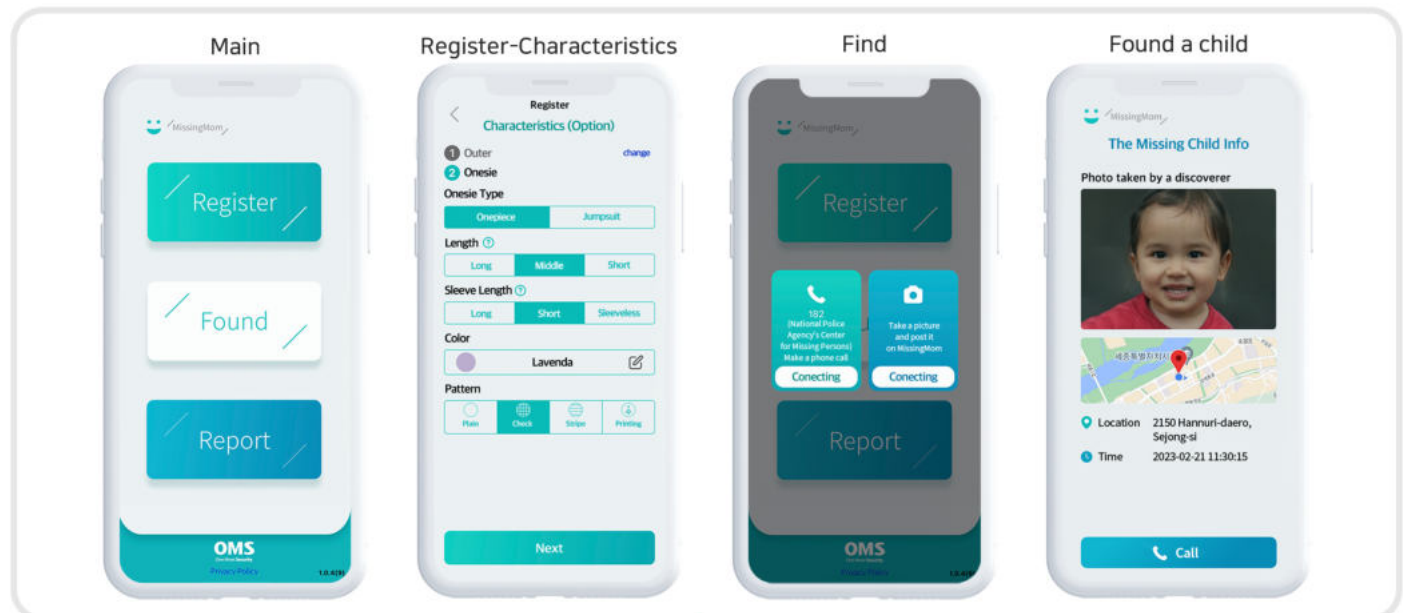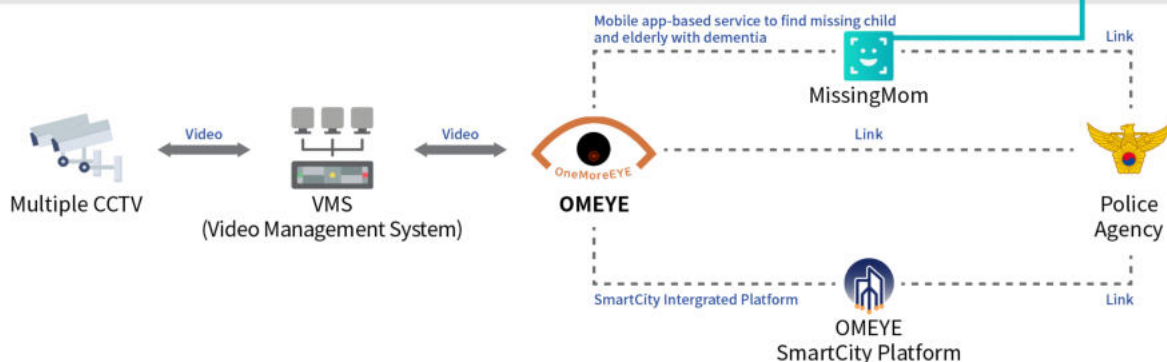
- Applied fully verified AI Algorithm by KISA K-ICTC certification
- Detect events automatically for people (loitering, trespassing, falling, overcrowding, counting, jaywalking, etc.), vehicles (intrusion, illegal parking, license plate, etc.), and other events (fire, smoke, hard hat, etc.)
- Available to set the region of interest (ROI) in the CCTV video to be detected.
- Display thumbnails of the events and play the video.
- Available to check and search the surveillance history.
- Boost user convenience by applying user policy or default policy, fixed camera, etc.

Optional linked service: fast search for missing persons (MissingMom)

Main

Register-Characteristics

Find

Found a child

Application Scenario for AI Convergence National Safety Service

Mobile app-based service to find missing child and elderly with dementia

MissingMom

Multiple CCTV

Video

VMS
(Video Management System)

Video

OMEYE
OneMoreEYE

Link

Police Agency

Link

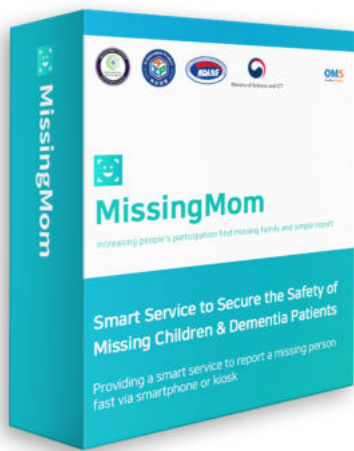SmartCity Intergrated Platform

OMEYE
SmartCity Platform

Link

MissingMom

Smart Service to Secure the Safety of Missing Children & Dementia Patients

Providing a smart service to report a missing person fast via smartphone or kiosk

▶ Certifications

Face Recognition
certified with 99.98%
Accuracy by KISA
(ISO/IEC JTC1 SC37)

Innovative Products
designated by
Public Procurement Service

System and Software Quality
certified under the
accredited test by KOLAS
(ISO/IEC 25023)

MSIT Minister's Awards
Information Security Merit

MSIT Minister's Awards
Excellent Company

☐ Key Points

- **Software performance and quality are fully certified by KISA, TTA, and KOLAS**
  (Acquired accredited certification for self-developed face recognition model (OMFACE)
   by TTA V&V)

- **Smart city living lab service**
  (Service applied with face recogntion to find missing people that enables active participation
   of citizens)

- **Simple report**
  (Simple report via registration of wearing information and face/body image)

- **Establishment of an efficient system for guaranteed civil safety**
  (Reduce costs through intelligent service of guaranteed civil safety)

☐ Necessity of Introducing

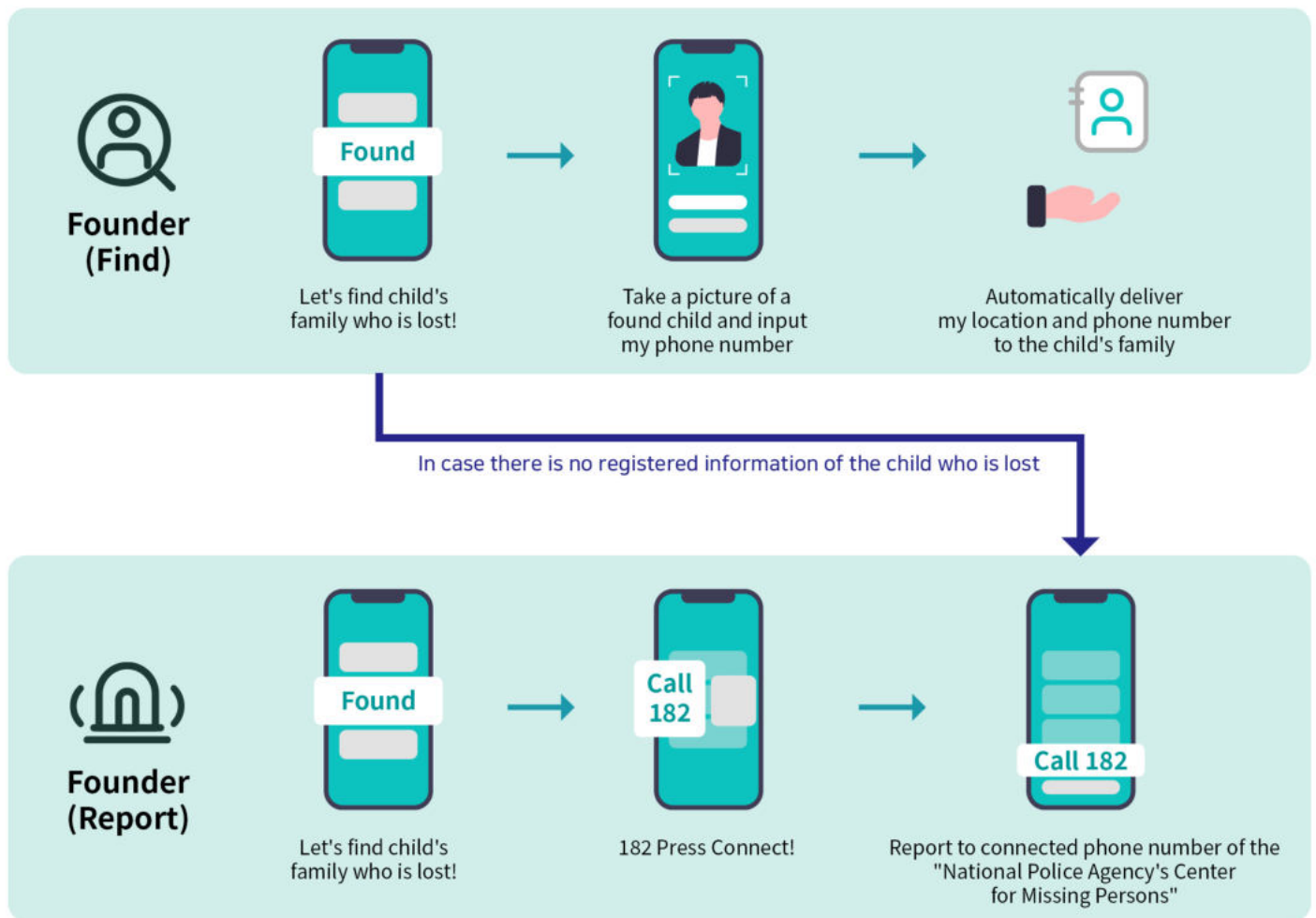· It is urgent to prepare measures regarding the public safety from the increasing number of reports of missing people such as children, dementia patients, intellectual, autistic, mentally disabled, etc.

· As of 2022, the number of annual reports for missing children and elderlies with dementia is approximately 50,000 cases in Korea according to the statistics of the National Police Agency

☐ Operational Scenario : Family

Safe Registration Cases

⊡ Safe Registration

Register a face photo → Register full body photo → Register characteristics

disappearance situation

🔔 Report

Report registered information immediately

Unregistered Cases

disappearance situation

🔔 Report

Register a face photo → Register full body photo → Register characteristics

Notify the local government police

Tracking and visualizing the person's movement path

from CCTV video via OneMoreEYE

OneMoreEYE

☐ Operational Scenario : Founder

Founder (Find)

Found

Let's find child's family who is lost!

→

Take a picture of a found child and input my phone number

→

Automatically deliver my location and phone number to the child's family

In case there is no registered information of the child who is lost

Founder (Report)

Found

Let's find child's family who is lost!

→

Call 182

182 Press Connect!

→

Call 182

Report to connected phone number of the "National Police Agency's Center for Missing Persons"

☐ Service Scenario

MissingMom Safe Registration Cases

Safe Registration

Register a face photo → Register full body photo → Register characteristics

disappearance situation

Report

Get a face photo → Get full body photo → Get characteristics

MissingMom Unregistered Cases

disappearance situation

Report

Register a face photo → Register full body photo → Register characteristics

Filing of a report

the National Police Agency

Safe Registration

Search for Missing Persons

Video

Local government CCTV control center

VMS (Video Management System) ↔ **Multiple CCTV**

Forward reporting information (face/full body/characteristics)

Missing person report information inquiry

MissingMom Server

OneMoreEYE

MissingMom Missing Person Information Inquiry

Find with a face photo

Find with full body photo

Find with characteristics

Find with CCTV based on missing locations

Tracking the missing person's movements

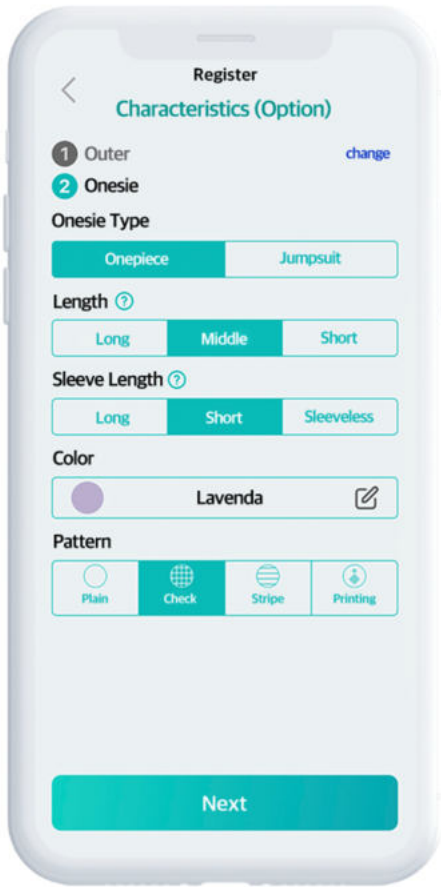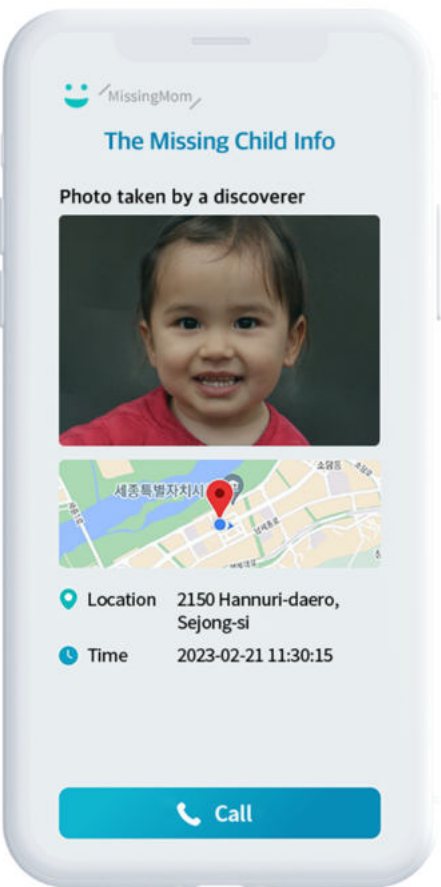08

☐ Important Screen

Main

Register-Characteristics
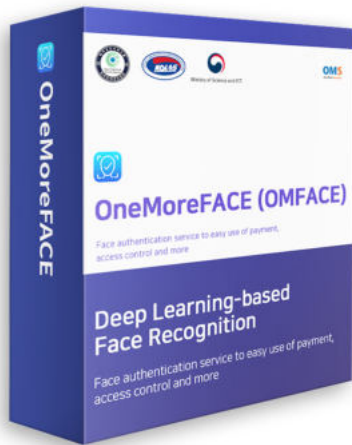

Find

Found a child

OneMoreFACE (OMFACE)

Deep Learning-based Face Recognition

Face authentication service to easy use of payment, access control and more

▶ **Certifications**

| Face Recognition
certified with 99.98%
Accuracy by KISA
(ISO/IEC JTC1 SC37) | System and Software Quality
certified under accredited test
by KOLAS (ISO/IEC 25023) | MSIT Minister's Awards
Information Security Merit | MSIT Minister's Awards
Excellent Company |

☐ Key Points

·**High facial recognition accuracy rate of 99.98% based on the test of K-NBTC from KISA**
(Face recognition works even with changes in lighting, pose, expression, and accessory
(Also works with a 'Mask'))

·**Secured service trust**
(Acquired the accredited ceritication of K-NBTC test about facial recognition algorithm
performance from KISA)

·**Real-time processing**
(Processing time of user authentication is less than 1 second based on 100,000 face DB)

·**Support cameras from 640*480, Windows, Linux, Android and IOS**
(Requires even low hardware and supports for various operating systems)

·**Available to apply on various services**
(Applying to access control, attendance management, medical appointment, E-TEST,
image processing system, ERP, video conferencing solution, etc.)

☐ Performance Test Results

Accruacy rate of face recognition with change in lighting, pose, expression, and accessory

Tested out 4,250,000 times through K-NBTC

💡	Lighting Recog Rate	**100%**
😉	Expression Recog Rate	**99.92%**
🙂	Pose Recog Rate	**100%**
👓	Accessory Recog Rate	**100%**

☐ Service Application

OneMoreFACE (OMFACE)

Face authentication service to easy use of payment, access control and more

Deep Learning-based Face Recognition

Face authentication service to easy use of payment, access control and more
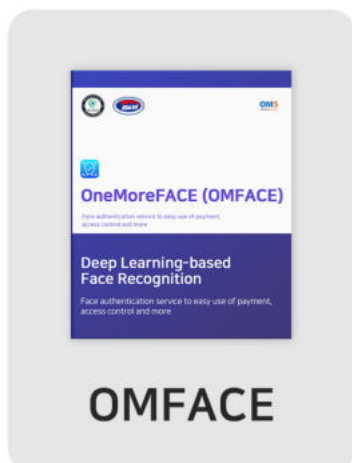
OMFACE

Application Cases →

MissingMom

Homecoming people's paricipation that missing family and simple report

Smart Service to Secure the Safety of Missing Children & Dementia Patients

Providing a smart service to report a missing person fast via smartphone or kiosk

MissingMom

Smart Service to Secure the Safety of Missing Children & Dementia Patients

Providing a smart service to report a missing person fast via smartphone or kiosk

OneMoreEYE (OMEYE)

Intelligent video analytics solution for CCTV operators

AI Video Surveillance All-in-one Safety Platform

Real-time detection, route map animation, and smart surveillance monitoring service

OMEYE

AI Video Surveillance All-in-one Safety Platform

Real-time detection, route map animation, and smart surveillance monitoring service

OneMorePASS (OMPASS)
On-Premise/Cloud

FIDO (Fast IDentity Online) Solution

biometric and passwordless authentication

OneMorePASS (OMPASS)
On-Premise/Cloud

Comply with FIDO Alliance international standard based on public key

FIDO (Fast IDentity Online) Solution
Biometric and passwordless authentication

▶ Certifications

level1
GOOD Software

Software Quality
certified as level 1
Good Software by TTA
(ISO/IEC 25023, 25041, 25051)

fido CERTIFIED FIDO2

Secured Login
with FIDO Authentication
certified by FIDO Alliance

nipa

Cloud Computing Quality
certified under
the accredited test by NIPA

MSIT Minister's Awards
Information Security Merit

MSIT Minister's Awards
Excellent Company

☐ Necessity of Introducing

· Increasing demand for user authentication technology that guarantees strong security and user convenience

· Perfectly solves the risk factors of password authentication according to FIDO standard authentication method based on public key

Several Risks of Password Authentication

· Most users use less than 5 passwords

· More than 50% of users have never changed their passwords in 5 years

· Passwords are the leading cause of 80% of data loss

· Most users reuse the same password across multiple sites

☐ Next-Generation Integrated Authentication Solution

Resolves the inconvenience and anxiety of password methods Guarantees user convenience and security at the same time

High Security
Based on PKI

User Convenience
with No Passwords

Multi-Scalability
to Applicate Various AuthN Methods

☐ Advantages

·User Convenience

Apply various authentication methods and manage integrated authentication lifecycle with this one OMPASS (mobile authentication device).

·Completely Eliminate Security Vulnerabilities

Through the "passwordless login", complete removal of security vulnerabilities due to password use and management and also satisfy one's security compliance.

·Compliance with International Standards

Comply with FIDO Alliance international standard based on public key.

☐ Specification Diagram

System Specifications
·Server: Windows, Linux (Intel Xeon 2GHz or higher, RAM 64GB, HDD 1TB or higher recommended)
·Client: Android, iOS

PC·Tablet·Mobile

User

Relying Party Server

Relying Party(RP)

Linking FIDO2 Interface (Open API)

🌐 Internet·closed network

Face Recog, Fingerprint Recog, PIN, Pattern, Windows Hello login, etc.

Integrated Authentication App

OMPASS Server

FIDO2 Server (Interface Server)

Database
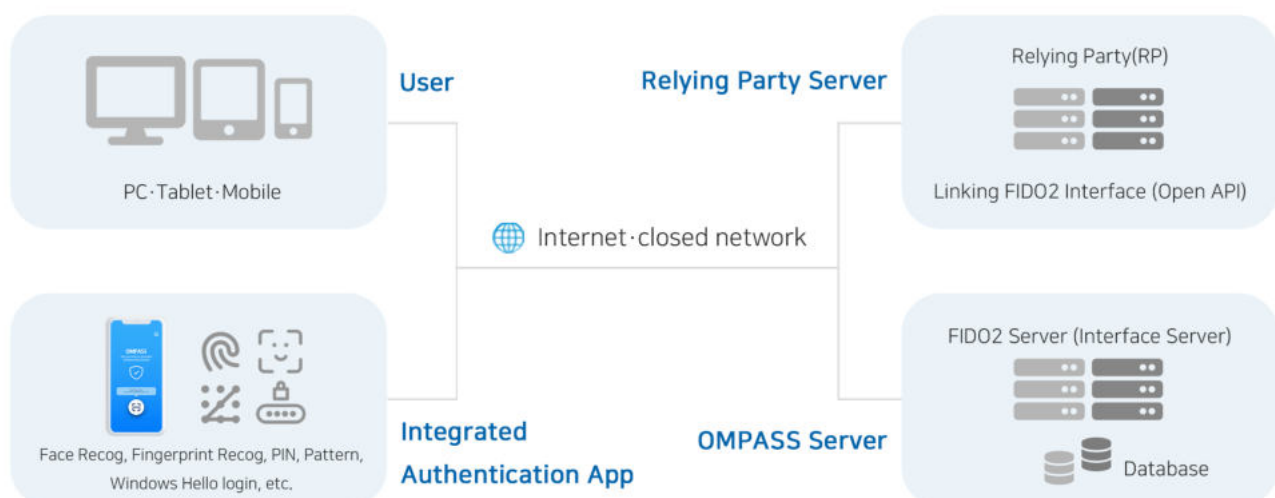
☐ **Key Points**

Various AuthN Methods

·Various authentication methods can be expanded

Application of the latest various user authentication technologies based on public Key

·User-selectable authentication

Supports various authentications such as Face Recog, Fingerprint Recog, PIN, Pattern, Windows Hello login, and more

Customer-Centric Flexibility

·Customer-Centric Service

Provides an optimized service for the environment of customer needs through user integrated authentication app or SDK

·Minimize Developing Time

Provides linking module (interface server) to minimize applying time and developing work

·Optimized the Customer Environment

Supports UAF (Universal Authentication Framework) and U2F (Universal Second Factor)

·Integrated authentication service

Possible to link web-based service, Windows client, Windows login, mobile app, Linux PAM, MaxOS client

Enhanced System Security

·Secured Security

Conducted penetration testing through a professional white hacker team and completed security measures

·Enhanced Administrator Authentication

Requires OMPASS authentication separately when accessing the admin page

·IP Address Block from Unauthorized Access

Verifies user access country that can be set by an administrator

·Prespond Strongly againt Phishing Attack
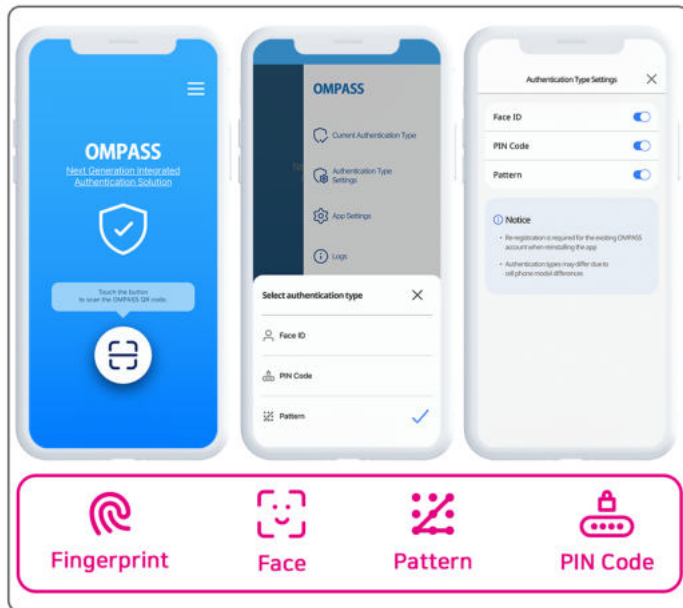
Verifies the user access device (or browser)

·Reinforcement of Mobile Authentication Device Security

Verifies the jailbreak, forgery, and latest version of the user device

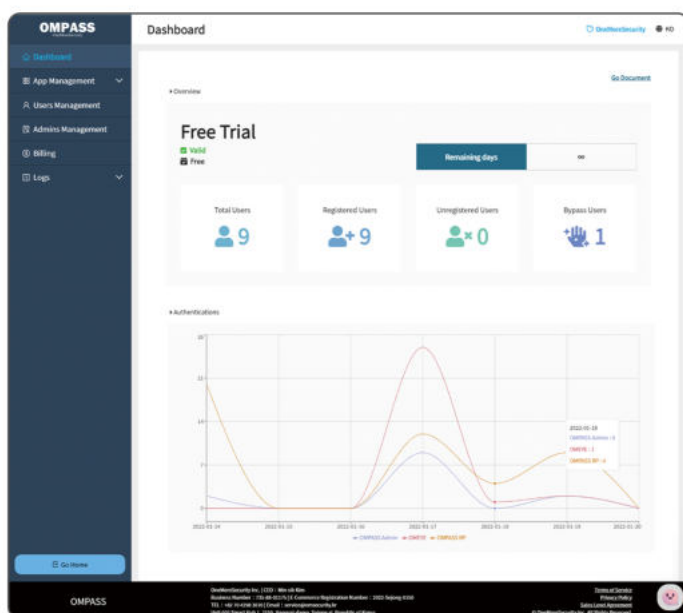# ☐ Main Screen

Mobile App

- Allows users to log in with mobile authentication devices
- Provide user selection row authentication methods
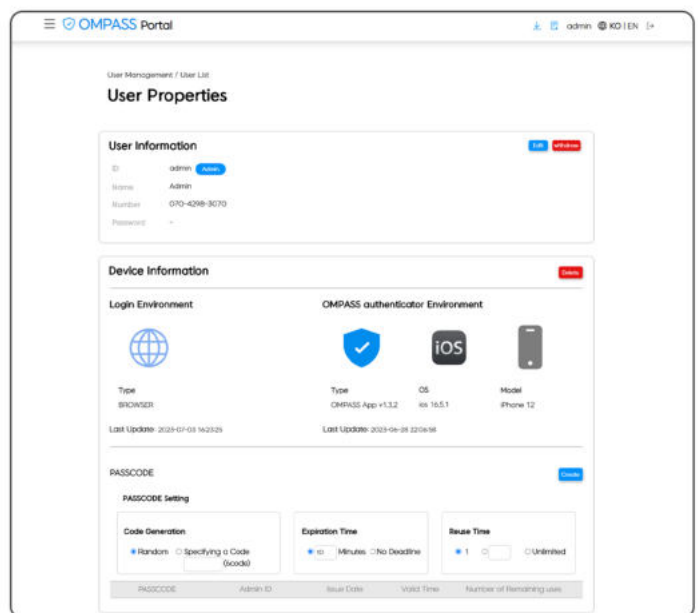
Windows Login

- Provides Windows login service
- Provides OTP authentication methods in an offline environment

Admin Page

- Provides dashboard functionality for administrators
- Provides application management, user management, and log management capabilities

Managing device properties

- Provides user and authentication device details management services
- Providing PASSCODE certification services for non-certified persons

MyPCProtector 4.0

Vulnerability Management and Scanning Solution for PC

One-click diagnosis and measurement

▶ **Certifications**

level1

GOOD
Software

Certified 1st Grade of Good Software (GS)
from the Korean Telecommunications
Technology Association (TTA)

Registered as Untact Service
Voucher Business Supplier
from the Ministry of SMEs and Startups

MSIT Minister's Awards
Information Security Merit

KONEPS
Korea ON-Line
E-Procurement System

Registered in Korea
On-Line E-Procurement System,
Nara Market

MSIT Minister's Awards
Excellent Company

☐ MyPCProtector 4.0

OMSMyPCProtector 4.0 provides PC security vulnerability diagnosis and its solution that allows the endpoint security to be operated in the most secured status against security threats on the user's PC.
! Most security incidents start from vulnerable PCs of internal users with low security awareness.
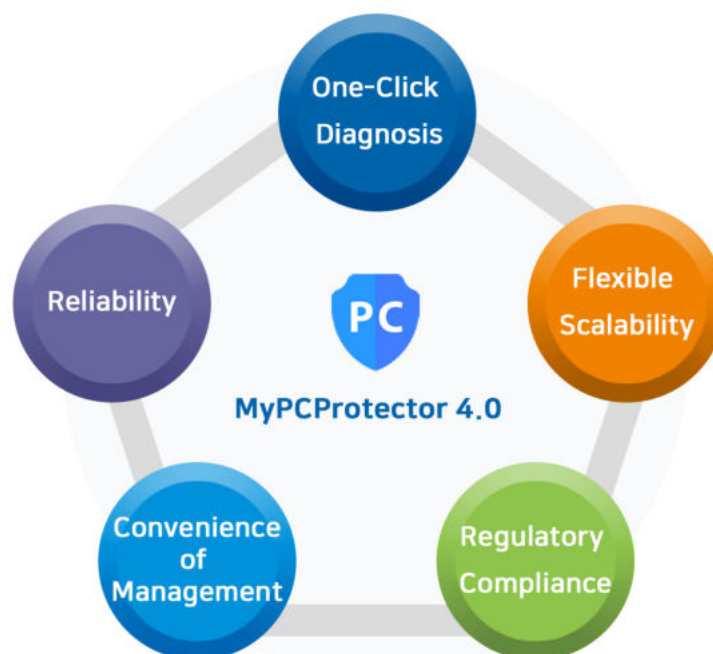
☐ **Advantages**

One-Click Diagnosis
- One-click PC vulnerability check
- Forced PC vulnerability check and measuring function provided (measures unable to terminate)
- Provides easy measureable UI (automating function is provided)
- Provide a guidance into specific measures

Reliability
- Official council member of My PC Protector
- Acquired the Certification Level 1(=1st grade) of Good Software(GS), the Certificate of Software Quality from the Telecommunications Technology Association(TTA)

Convenience of Management
- Provide statistics and reporting data on PC inspection results
- Provide intuitive dashboard function
- No need for separate customizing
- Provides agent automated integrity check function
- PC status can be checked at all times through widget service

Regulatory Compliance
- Compliance with the Cybersecurity Diagnosis Day

Flexible Scalability
- Addition of administrator-defined checklists can be created
- Possible to support network blocking through "S-Capsule" linkage
- Support linking to third-party solutions

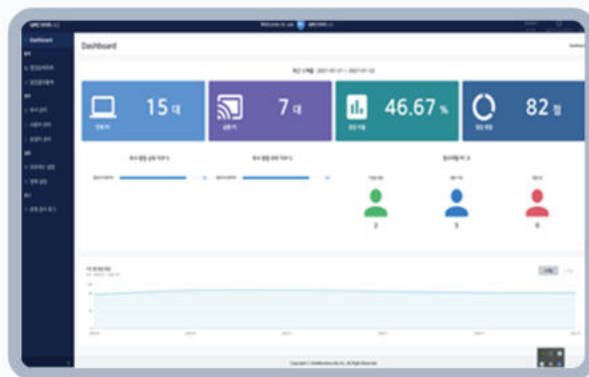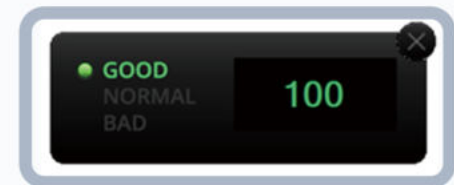# □ Important Screen

Main Screen (Client)

User's PC Check
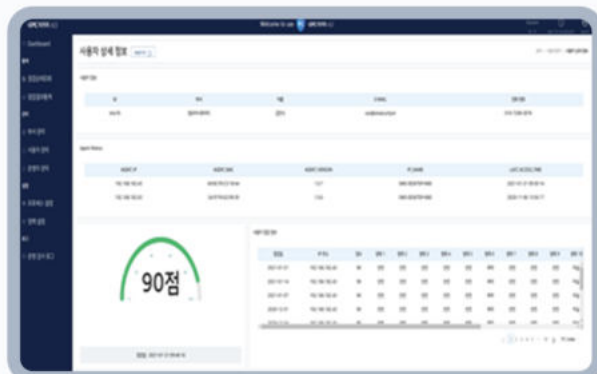

User's PC Check Result

Dashboard (Server)

Widget

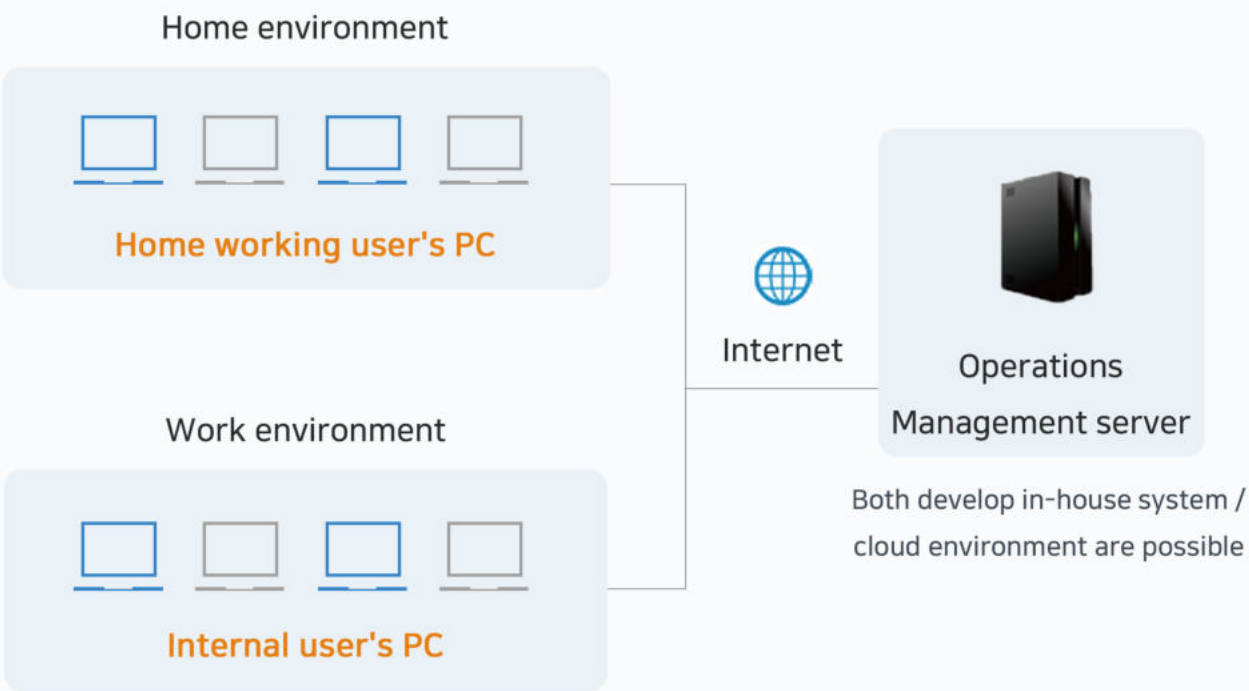## Results Report

User Details

□ Key Points

Functions	Characteristics
Vulnerability Check & Measure	·One-click diagnosis and measurement for 16 types of vulnerability including the "Cyber Security Diagnosis Day" checklist ·Possible to force inspection according to the schedule (monthly/weekly/daily) policy through central management (cannot be terminated) ·Display the inspection results for each list as something like safe/vulnerable so that users can be intuitively understand
Result Analysis	·Provide individual evaluation report and detailed history ·Provide informations on overall/departmental evaluation/inspection rate and top 5/bottom top 5 of departmental rating, and provide a function to download the result report
Management	·Support linking with HR databases and other security solutions ·PC status can be checked at all times through widget service ·Automatic inspection of client program to verify forgery or falsification (security enhancement)

□ Service Diagram

"Manage to maintain a secured status through periodic diagnosis and measures on user's PC security vulnerability"

Home environment

Home working user's PC

Work environment

Internal user's PC

Internet

Operations Management server

Both develop in-house system / cloud environment are possible

OMS Secure Print

Print Control Solution

Track management for personal information protection and data loss prevention

▶ **Certifications**

level1
GOOD Software

Software Quality
certified as level 1
Good Software by TTA

Innovative Procurement Product
on Venture Nara

Untact Service Voucher
Business Supplier

MSIT Minister's Awards
Information Security Merit

MSIT Minister's Awards
Excellent Company

☐ Advantages

It is urgent to solve the print security problem, which is a blind spot for information leakage. **OMS Secure Print** is a powerful print control solution that can track illegal printouts.

Traceability of illegal printouts

| Watermark for hiding information / 2D barcode

Personal information (keyword) setting-based printout control

| Prevents illegal leakage by inserting watermark in printout

Print log/statistics function

| Convenient statistical information provision and printout's content verification

□ Key Points

◈ Invisible digital Watermark/2D Barcode

- · It is possible to trace illegal printouts through the application of watermark which has hidden information
- · Through injection of high-density 2D barcode, it is possible to obtain detailed informations such as the title of the printout and the user who printed it out.
- · Possible to track generator of the printouts whenever acquire printiout images of illegally leaked out.
- · Immediate verification of illegal printouts is possible through mobile app

◈ Personal information (keyword) setting-based printout control

- · Print control is possible according to detection criteria of the important information
- · Manage logs separately and notify to administrator when any documents containing important informations print

◈ Convenient statistical information provision and printout's content verification

- · Statistics for the number of prints by user/period
- · Statistics for violation of personal information (keyword) by user/period
- · Extraction of top users in violation of the number of prints/personal information(keyword)
- · Save and check the raw data of the printouts

□ Service Diagram

Home environment

Home working user's PC

Internet

Work environment

Internal user's PC

Internet

Operations Management server

Both develop in-house system / cloud environment are possible
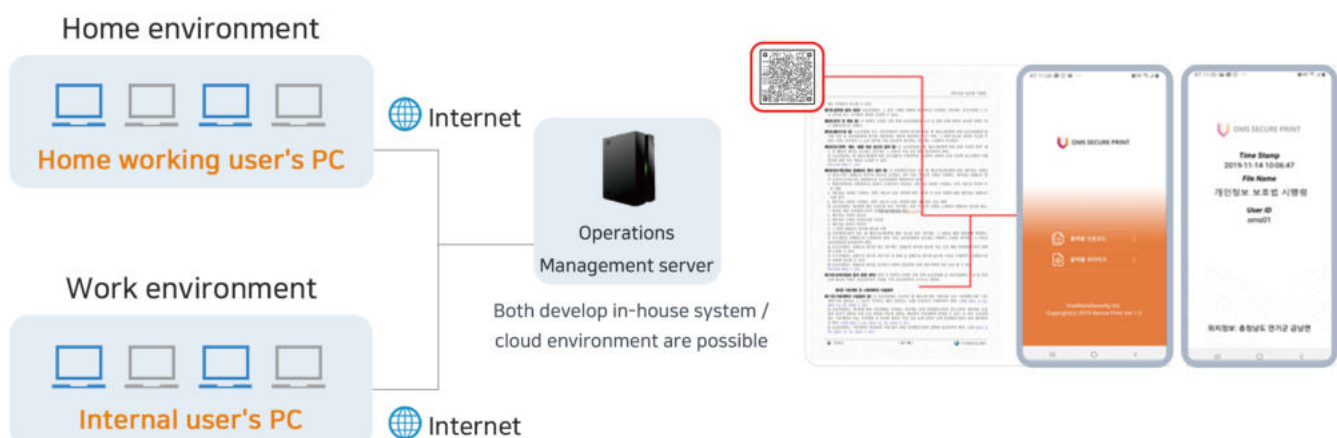
OMS Code

Document Fraud Prevention

2D barcode and watermark for preventing forgery and counterfeiting of certificates and licenses
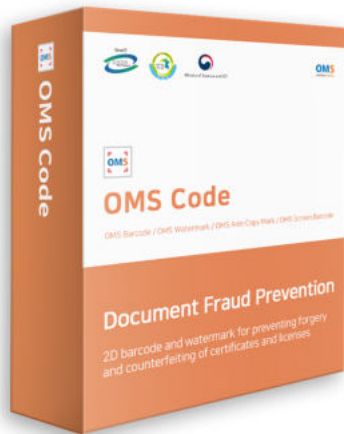
▶ Certifications

level1

GOOD Software

Certified 1st Grade of Good Software (GS) from the Korean Telecommunications Technology Association (TTA)

Designated as Innovative Procurement Product on Venture Nara

MSIT Minister's Awards Information Security Merit

MSIT Minister's Awards Excellent Company

☐ Application Scenario

OMS Code can be applied to various domains such as certificate forgery verification, book voice conversion, activation, expiry date, inventory management, fintech, healthcare, copy protection, etc.
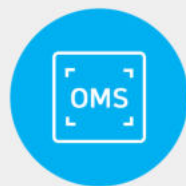
OMS Barcode
High-density 2D barcode

OMS Watermark
Embrocating watermark

OMS Anti-Copy Mark
Copy protection

OMS Screen Barcode
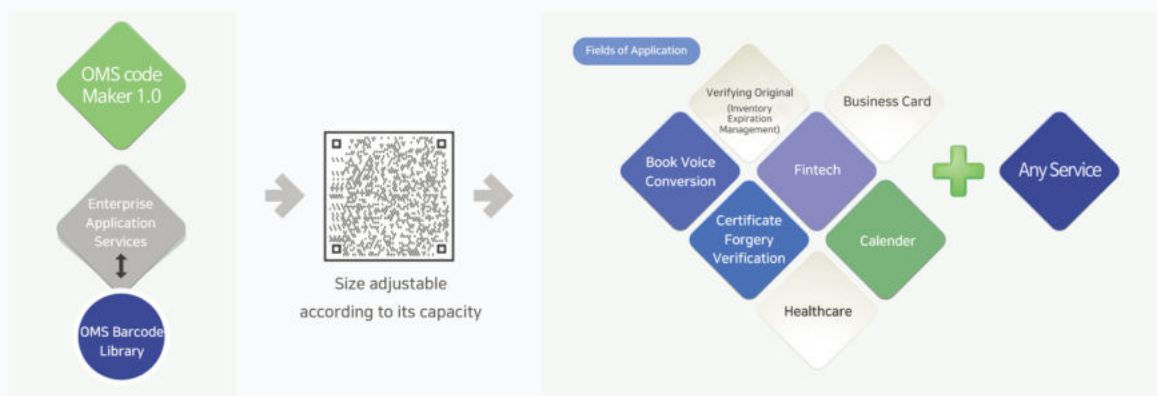Low-density 2D barcode

□ Key Points

◈ OMS Barcode (High-density 2D barcode)

| High-density 2D barcode with the world's largest data insertion in 300dpi environment

· Information stored in high-density 2D barcodes can be printed out to screen and voice through mobile app

· Data encryption / decryption via KCMVP crypto module

· Optimized solution that can help the visually impaired and elderly people to improve accessibility of information (compliance with the Broadcasting and Communication Standards (KCS.KO-06.0181))
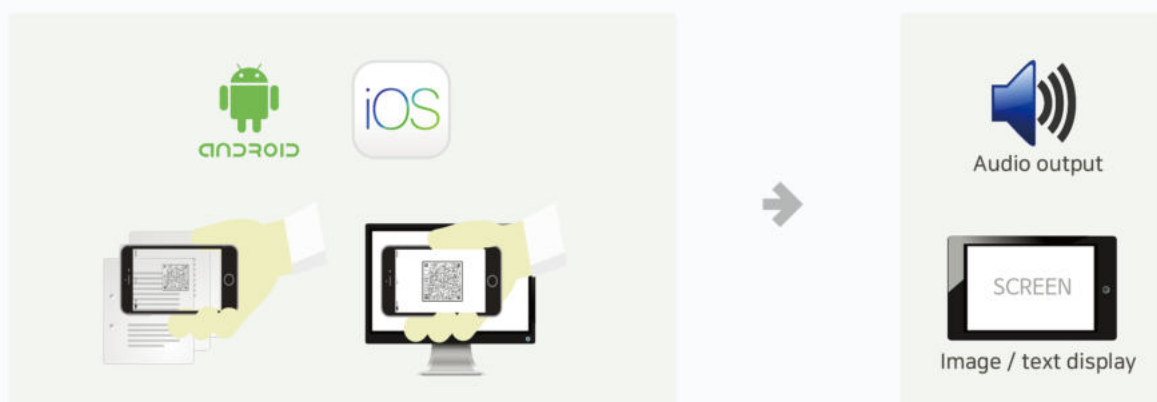
Generation

· Barcode generation using Windows PC-only applications (OMS Code Maker) or libraries

OMS code Maker 1.0

Enterprise Application Services

OMS Barcode Library

Size adjustable according to its capacity

Fields of Application

Verifying Original (Inventory Expiration Management)

Business Card

Book Voice Conversion

Fintech

Certificate Forgery Verification

Calender

Healthcare

Any Service

Detection

· Easy acquisition via mobile app (Android·iOS) (provided with OMS mobile app or library)

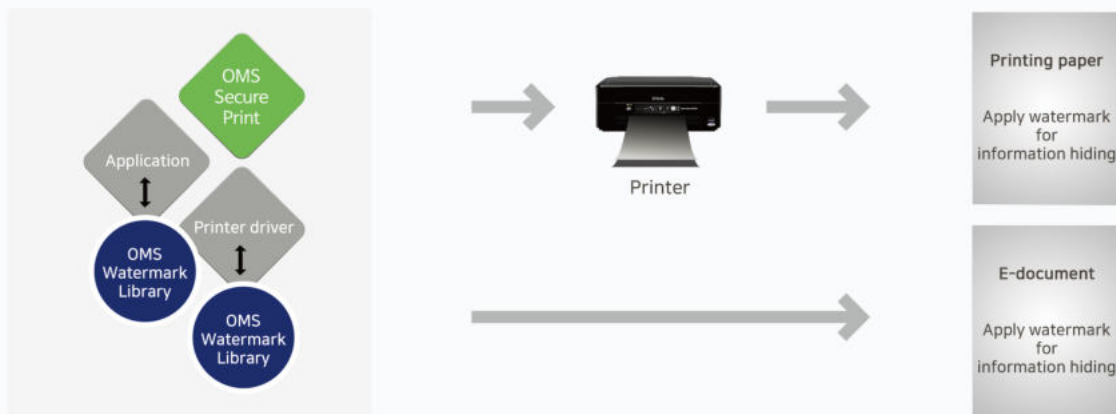· Acquire OMS barcode displayed on printout and monitior screen

ANDROID   iOS

Audio output

SCREEN

Image / text display

◈ OMS Watermark (Embrocating Watermark)

| Watermark for hiding information with invisibility (whole embrocating method)

· The mobile app allows you to acquire hidden informations in the watermark when shooting anywhere in the printout.

· Applicable to various services such as printout generator tracking, certificate forgery verification, activation, security paper export history managemendt, etc.

Generation · Apply watermark when printing through OMS print control solution or dedicated library

OMS Secure Print

Application

Printer driver

OMS Watermark Library

OMS Watermark Library

Printer

Printing paper

Apply watermark for information hiding

E-document

Apply watermark for information hiding

Detection · Easy acquisition via mobile app (provide with OMS mobile app or library)

· Acquire OMS Watermark displayed on printout and monitor screen

ANDROID
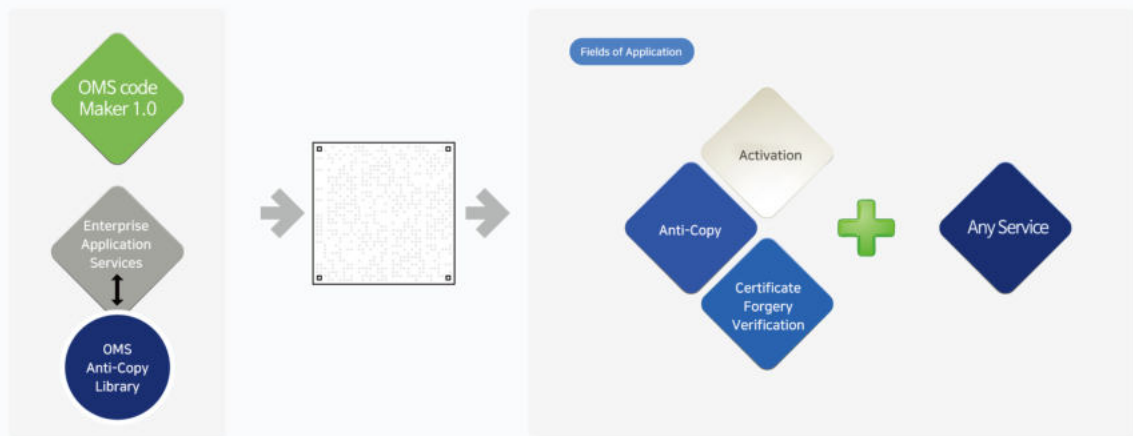
iOS

Acquire hidden data
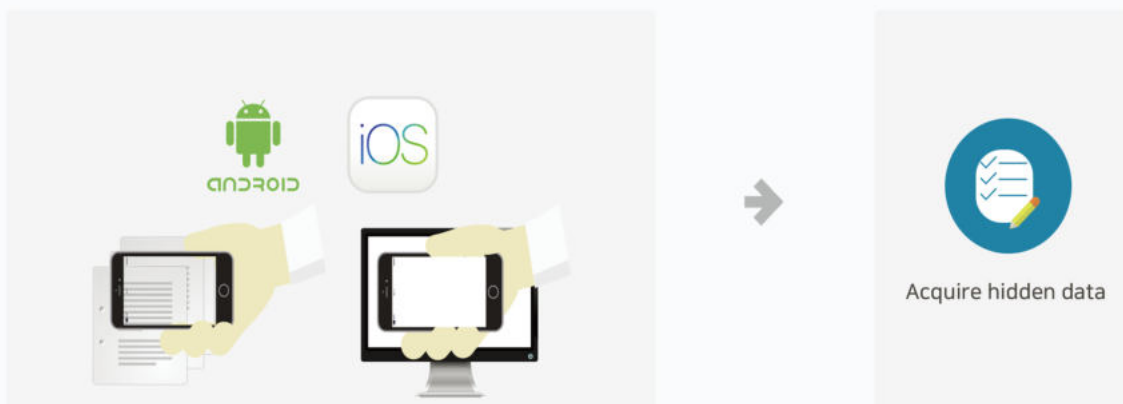
◈ OMS Anti-Copy Mark

| Determine whether to copy through the naked eye or mobile app

· Apply it to various services such as verifying the original, activation, certificate forgery verification, etc.
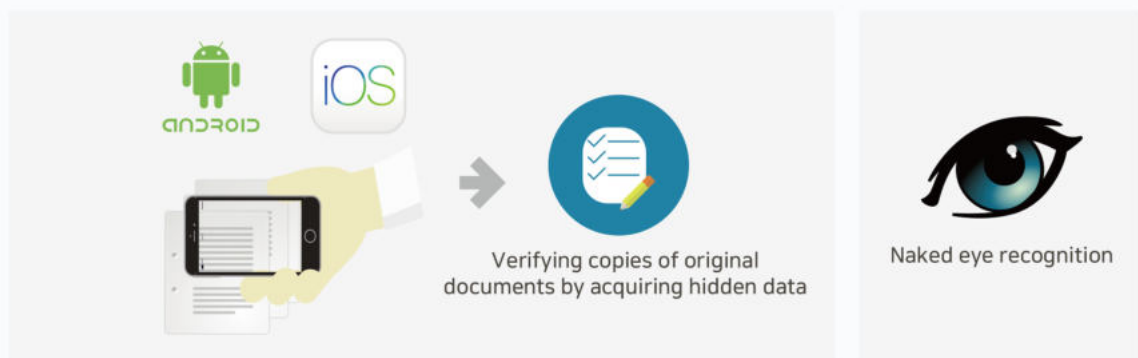
Generation
· Apply Anti-Copy Mark using OMS Code Maker

Detection
· Easy acquisition via the naked eye or mobile app
(provided with OMS mobile app or library)

Verifying copies of original documents by acquiring hidden data
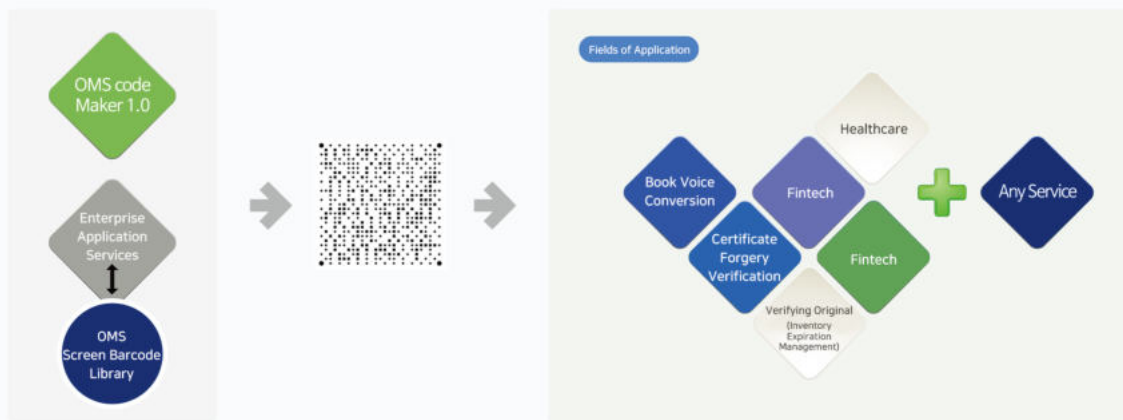
Naked eye recognition

◈ OMS Screen Barcode (Low-Density 2d Barcode)

| Low-density 2D barcode optimized for screen environment

· Information stored in low-density 2D barcodes can be acquired through mobile app
· Applicable to various services such as user authentication, certificate forgery verification, book voice conversion, activation, expiry date, inventory management, fintech, healthcare, etc.

Generation

· Generate the barcode using Windows PC-only applications (OMS Code Maker) or libraries

OMS code Maker 1.0

Enterprise Application Services

OMS Screen Barcode Library

Fields of Application

Healthcare
Book Voice Conversion
Fintech
Certificate Forgery Verification
Fintech
Verifying Original (Inventory Expiration Management)
Any Service

Detection

· Easy acquisition via mobile app (Android·iOS) (provided with OMS mobile app or library)
· Acquire 'OMS Watermark' displayed on printout and monitior screen

ANDROID iOS

Aquire data

Certifications

Product Certificate

OMEYE v1.0
KISA K-ICTC Certificate
(Loitering, Intrusion, Abandonment)

OMEYE v1.0
KISA K-ICTC Certificate
(Loitering, Intrusion, Falldown)

OMEYE v1.0
KISA K-ICTC Certificate
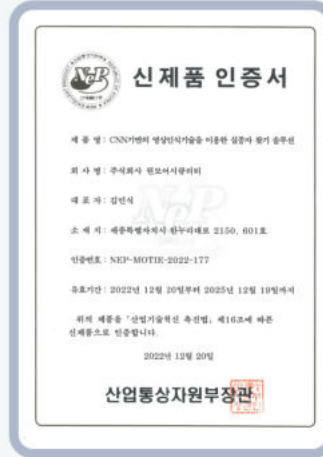(Loitering, Intrusion, Queueing/Counting)

OMEYE v1.0
Excellent Information Security
Technology Certificate

OMEYE v1.0
KISA K-ICTC Certificate
(Loitering, Intrusion, FireDetection)

OMEYE v1.0
Excellent Product
of Public Procurement Service

OMEYE v1.0
New Excellent Product (NEP)
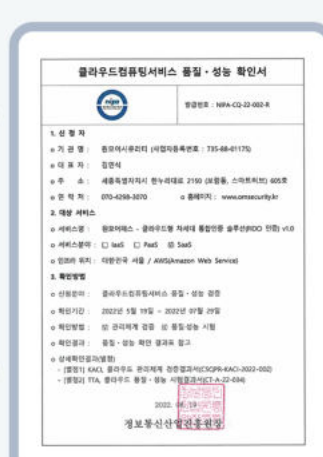Certification

OMEYE Smart City Platform

TTA Certificate

**Certificate of Designation
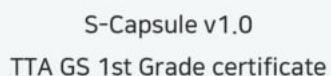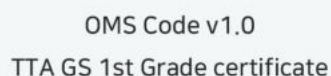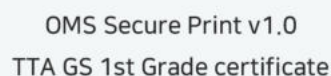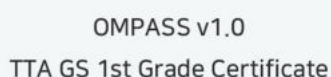of Innovative Product by PPS**
OMEYE v1.0, MissingMom v1.0

OMPASS v1.0
FIDO Alliance
International Certification

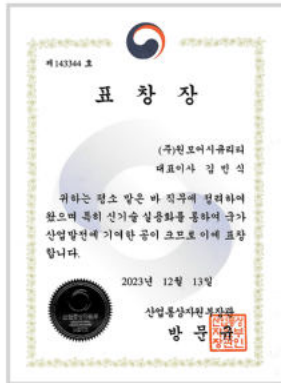
OMPASS v1.0
Cloud Computing Certification

OMFACE v2.0
KISA K-NBTC Certificate

OMFACE v1.0
KISA K-NBTC Certificate

OMEYE v1.0
TTA GS 1st Grade Certificate

OMPASS v1.0
TTA GS 1st Grade Certificate

My PC Protector 4.0
TTA GS 1st Grade certificate

OMS Secure Print v1.0
TTA GS 1st Grade certificate

OMS Code v1.0
TTA GS 1st Grade certificate

S-Capsule v1.0
TTA GS 1st Grade certificate

Certificate of Designation of Innovative Procurement Product on Venture Nara by PPS

Company Certificate

Excellent Technology Evaluation Company Certificate

G-PASS Company Certificate

Inno-Biz Certificate

KRX Startup Market(KSM) Certificate

Venture Company Certificate

Start-up Company Certificate

Direct Production Confirmation Certificate

Corporate Research Institute Accreditation

Awards & Registrations

Minister Award of the Ministry
of Commerce Industry and Energy
(Contribution to national industrial development
through commercialization of new technologies)

Minister Award of the Ministry
of Science and ICT
(Information Security Merit)

Minister Award of the Ministry
of Science and ICT
(Information Security Product
Innovation Contest)

KINPEX 2022
KBIZ Awards Winner

Minister Award of the Ministry
of Science and ICT (Excellent Company)

WSCE 2022
Awards Winner

Gangseo-gu Smart City Idea
Competition Awards Winner

OMEYE v1.2
Copyright Registration

OMEYE Smart City Platform
Copyright Registration

OMEYE v2.0
Copyright Registration

OMEYE v1.0
Copyright Registration

OMS Secure Print v1.0
Copyright Registration

OMS Code v1.0
Copyright Registration

S-Capsule v1.0
Copyright Registration

MyPCProtector 4.0
Copyright Registration

MissingMom v1.0
Copyright Registration

OMPASS v1.0
Copyright Registration

OMFACE v1.0
Copyright Registration

Patents

Nation	Name of invention	Registration Number
Germany	Device and Method for Providing Missing Child Search Service Based on Face Recognition Using Deep Learning	11 2021 004 252.1
Germany	APPARATUS AND METHOD FOR TRACKING MISSING PERSON BASED ON ATTRIBUTE	11 2022 000 061.9
Republic of Korea	APPARATUS AND METHOD FOR TRACKING MISSING PERSON BASED ON ATTRIBUTE	10-2022-0147011
PCT	APPARATUS AND METHOD FOR TRACKING MISSING PERSON BASED ON ATTRIBUTE	PCT/KR2022/017439
United States of America	APPARATUS AND METHOD FOR TRACKING MISSING PERSON BASED ON ATTRIBUTE	18/009,560
UK	APPARATUS AND METHOD FOR TRACKING MISSING PERSON BASED ON ATTRIBUTE	2218660.5
Republic of Korea	AI-based illegal parking management method and device	10-2022-0120845
UK	Device and Method for Providing Missing Child Search Service Based on Face Recognition Using Deep Learning	2213332.6
PCT	Method and apparatus for providing personal protection alarm	PCT/KR2022/006361
Republic of Korea	Method and apparatus for providing personal protection alarm	10-2545383
United States of America	Apparatus and method for providing missing child search service based on face recognition using Deep-Learning	17/606,590
Republic of Korea	Server for tracking missing children and deep learning based tracking method for moving routes of missing children from its server	10-2305038
PCT	Apparatus and method for providing missing child search service based on face recognition using Deep-Learning	PCT/KR2021/010589
Republic of Korea	Server for tracking missing children and deep learning based tracking method for moving routes of missing children from its server	10-2270899
Germany	Method and apparatus for preventing illegal outflow of electronic documents	15171427.6
Republic of Korea	Method and apparatus for video recognition	10-2020-0064978
Republic of Korea	Method and apparatus for registering face and pose for face recognition	2018-0146791
Republic of Korea	Method and apparatus for preventing illegal leakage of electronic documents by self-response	10-1781970
United States of America	Information insertion method, information extraction method, and information extraction device using point-based information that are strong against geometric distortion	9710872
United States of America	Method and apparatus for preventing illegal outflow of electronic documents	14/736144
Republic of Korea	Method and apparatus for preventing illegal leakage of the electronic documents	10-1599740
Republic of Korea	Method and apparatus on removable storage medium control for preventing data leakage	10-1460297
Republic of Korea	Method and apparatus for checking PC security	10-0961180
Republic of Korea	Method and system for checking PC security	10-0862617

We provide fast and accurate response
with oriented customer service

master@omsecurity.kr

+82 10 5913 3882

Unit 601 Smart Hub 1, 2150, Hannuri-daero,
Sejong-si, Republic of Korea

www.omsecurity.kr/en