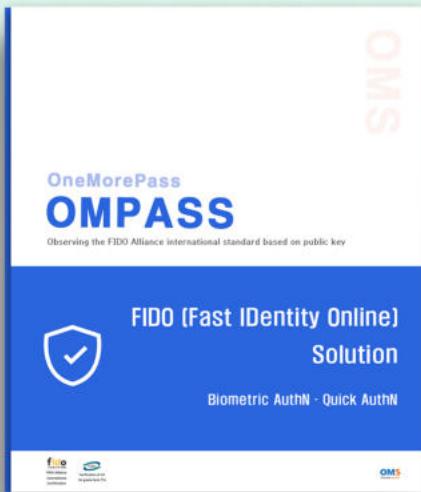


OMPASS: On-Premise

FIDO (Fast IDentity Online) Solution
Simple and Fast Access Authentication



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



FIDO Alliance
International Certification

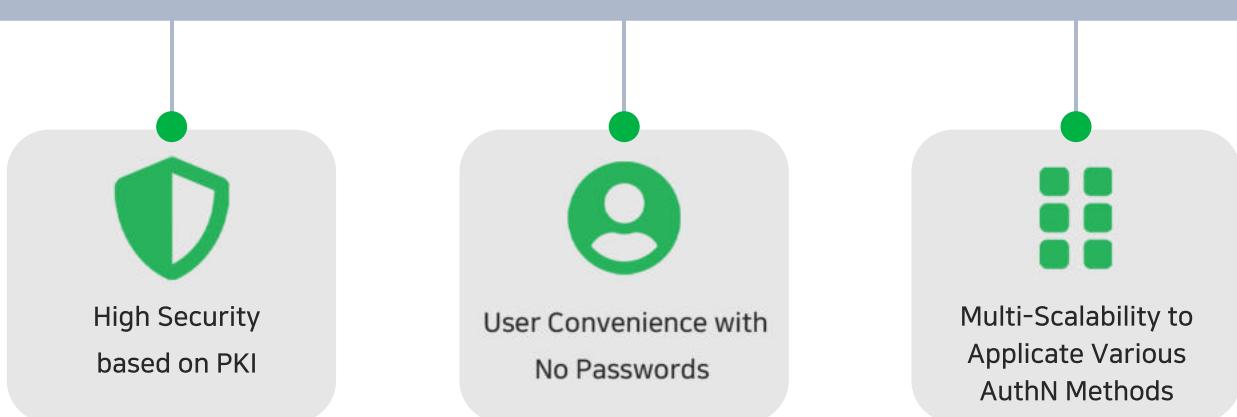
► Necessity of Introducing

- 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

1. Most users use less than 5 passwords
2. More than 50% of users have never changed their passwords in 5 years
3. Passwords are the leading cause of 80% of data loss
4. Most users reuse the same password across multiple sites

► Advantages



- **User convenience**

With one “OMPASS” (mobile authentication device) applies various authentication methods and manages life cycle with integrated authentication

- **Completely eliminate security vulnerabilities**

Through “Passwordless Login”, complete removal of security vulnerabilities due to password use and management and also satisfy one's security compliance

- **Compliance with international standards**

Observing the FIDO Alliance international standard based on public key

► Key Features

▷ Various AuthN Methods

- **Various authentication methods can be expanded**

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

- **User-selectable authentication**

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

- **OMFACE module is applied, accuracy rate of 99.96% based on the test of K-NBTC from KISA**

Provide separately for the centralized face authentication

► Key Features

► Customer-Centric Flexibility

· Customer-centric service

Provide a 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

FIDO UAF (Universal Authentication Framework), U2F (Universal Second Factor)

Supports your every needs

· Optimized the network environment

Full support for Internet and closed network environments

► Enhance System Security

· Secured security

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

· Enhanced administrator authentication

Applied OMPASS secondary authentication whenever accessing the FIDO2 Admin server

· IP address block from unauthorized access

Service access control possible based on user access IP (access country)

· Respond strongly against phishing attack

Application of verifying function from user access device (browser)

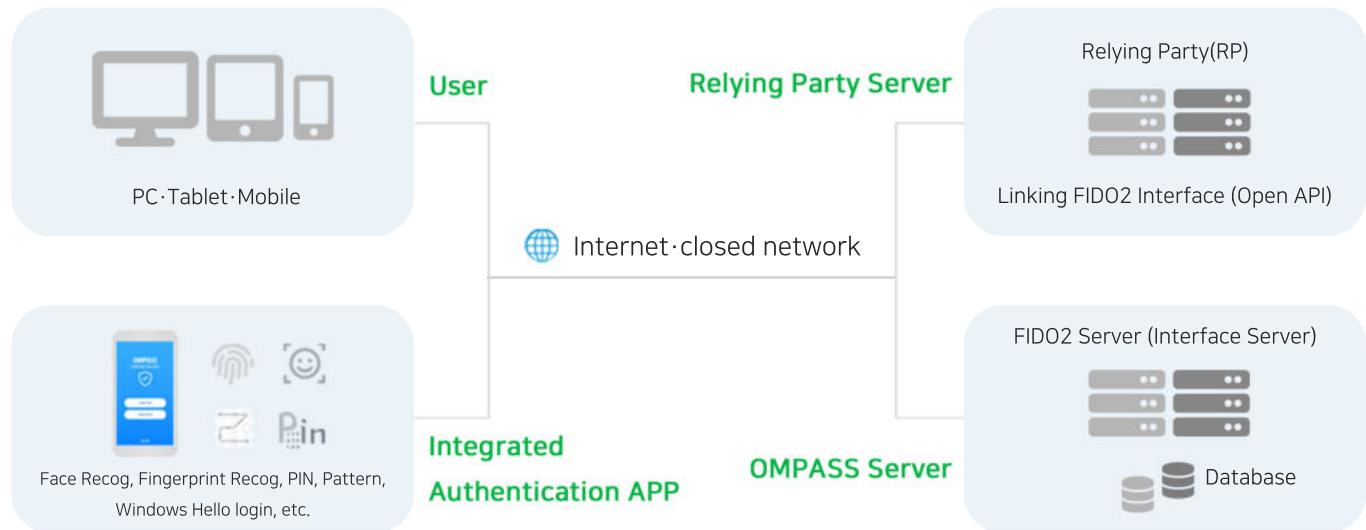
· Reinforcement of mobile authentication device security

Mobile authentication device jailbreak, forgery and latest version verification function application verification

► Specification Diagram

System Specifications

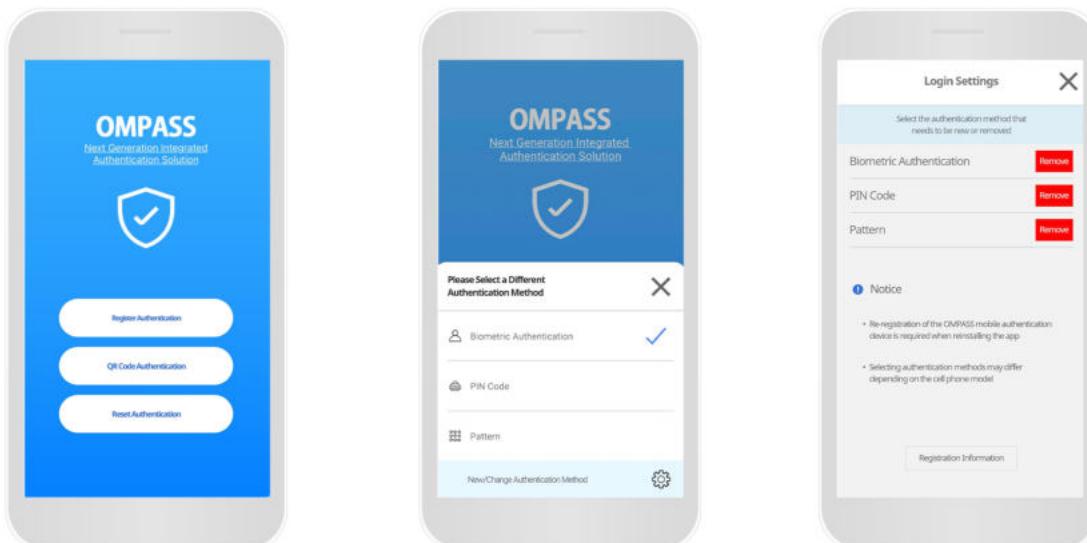
- Server: Windows, Linux (Intel Xeon 2GHz or higher, RAM 64GB, HDD 1TB or higher recommended)
- Client: Android, iOS



► Important Screen

► OMPASS User-Select Authentication

⌚ Fingerprint Recog ⚡ Face Recog, ⚡ Pattern, ⚡ PIN Code



We will keep create
customer-centric innovative technologies
with passion and insight.

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