

OMPASS: On-Premise

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



1st Grade

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



 FIDO
FIDO Alliance
International Certification

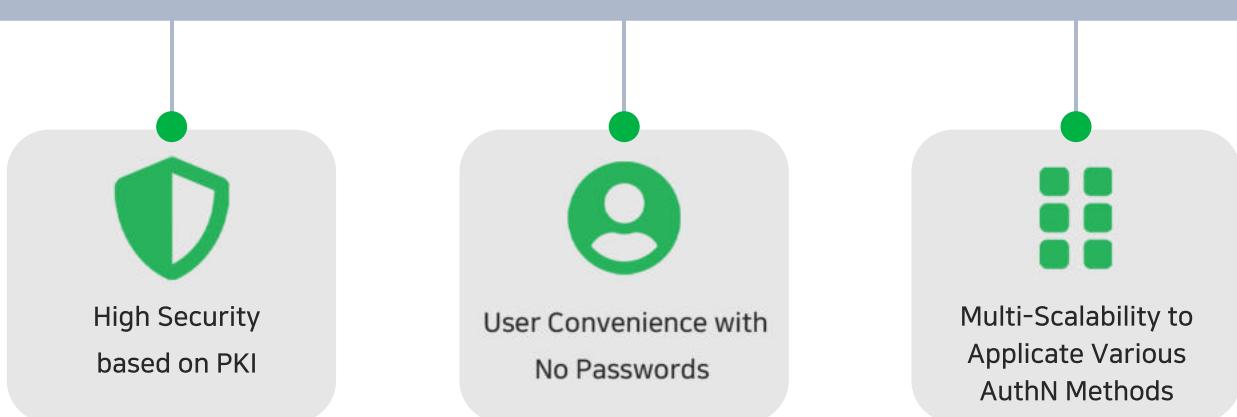
► Necessity of Introducing

- 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)

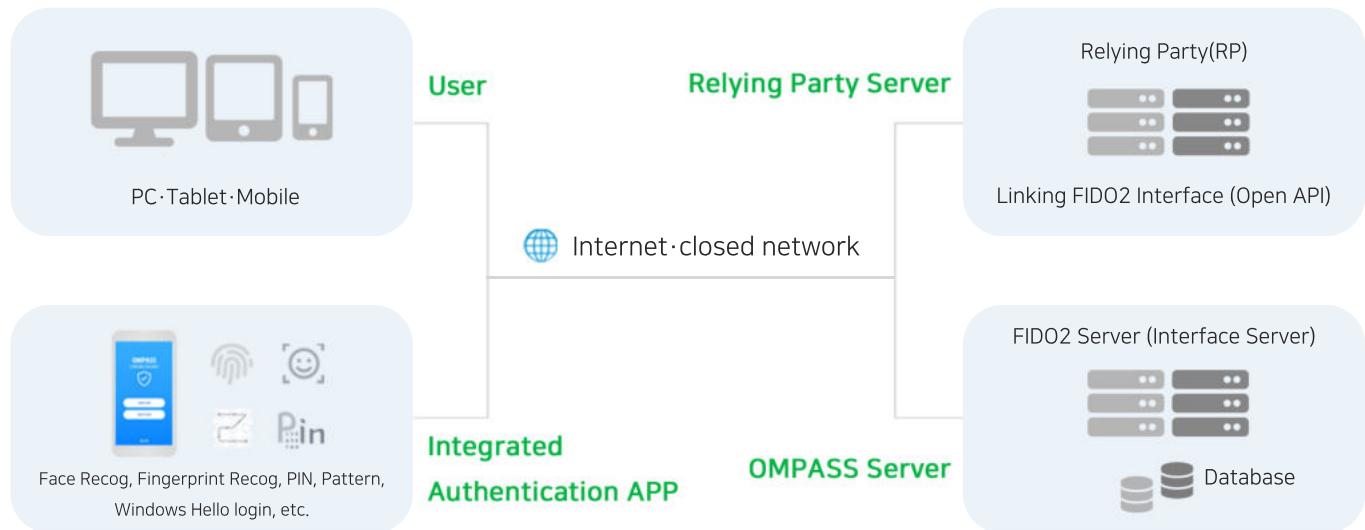
· Reinforcement of mobile authentication device security

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

► Specification Diagram

System Specifications

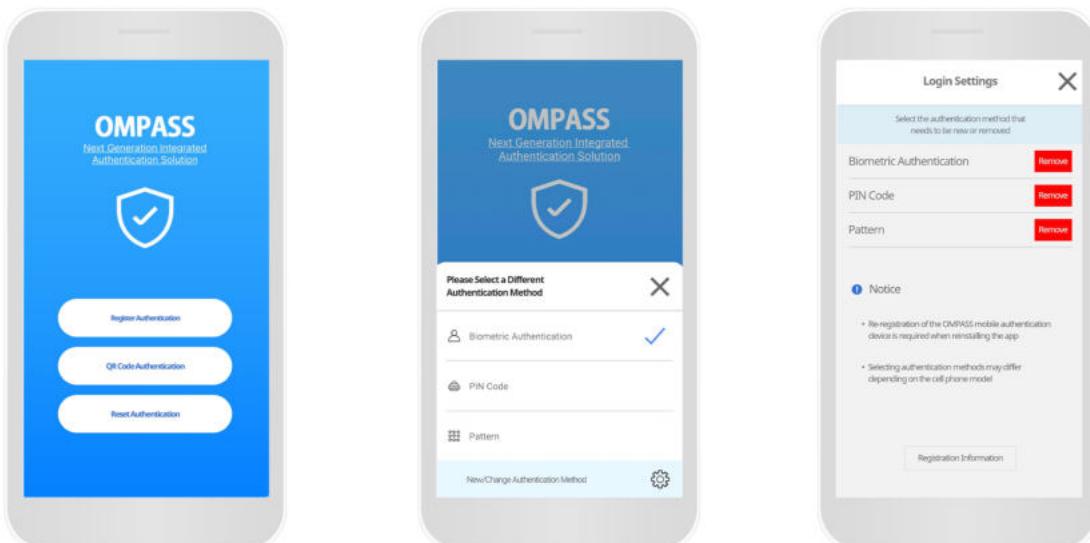
- Server: Windows, Linux (Intel Xeon 2GHz or higher, RAM 64GB, HDD 1TB or higher recommended)
- Client: Android, iOS



► 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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