



OMPASS (On-Premise)

FIDO (Fast IDentity Online) Solution

Biometric and passwordless authentication



Certifications



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

Certified FIDO Authentication by
FIDO Alliance

□ 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



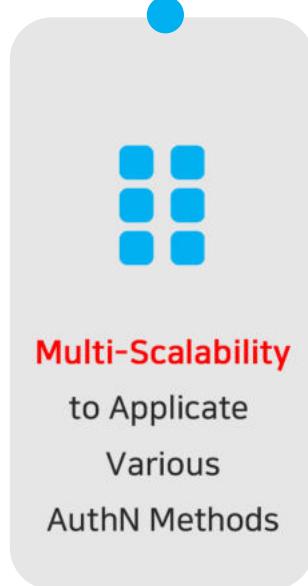
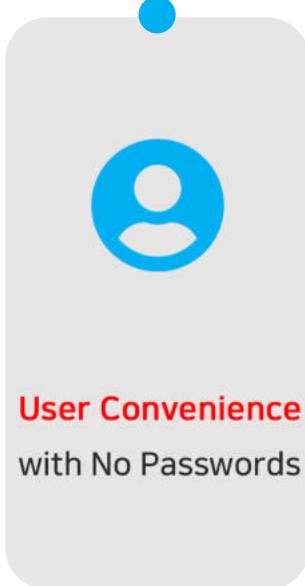
Several Risks of Password Authentication

- | | |
|---|--|
| · 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



□ 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.

□ 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)

- **Optimized the Network Environment**

Full support for Internet and closed network environments

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

- **Respond Strongly against Phishing Attack**

Verifies the user access device (or browser)

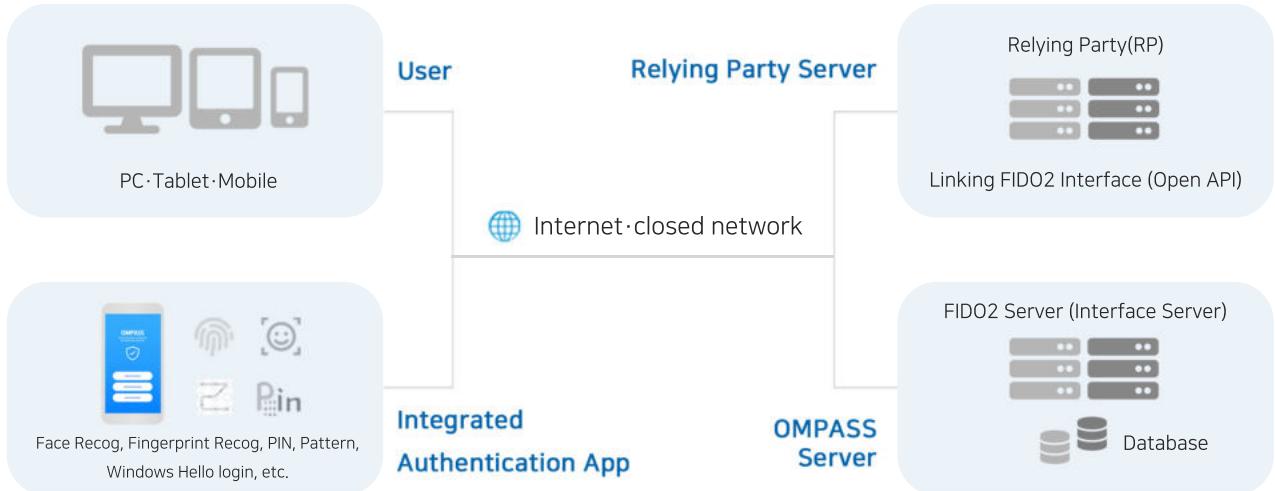
- **Reinforcement of Mobile Authentication Device Security**

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

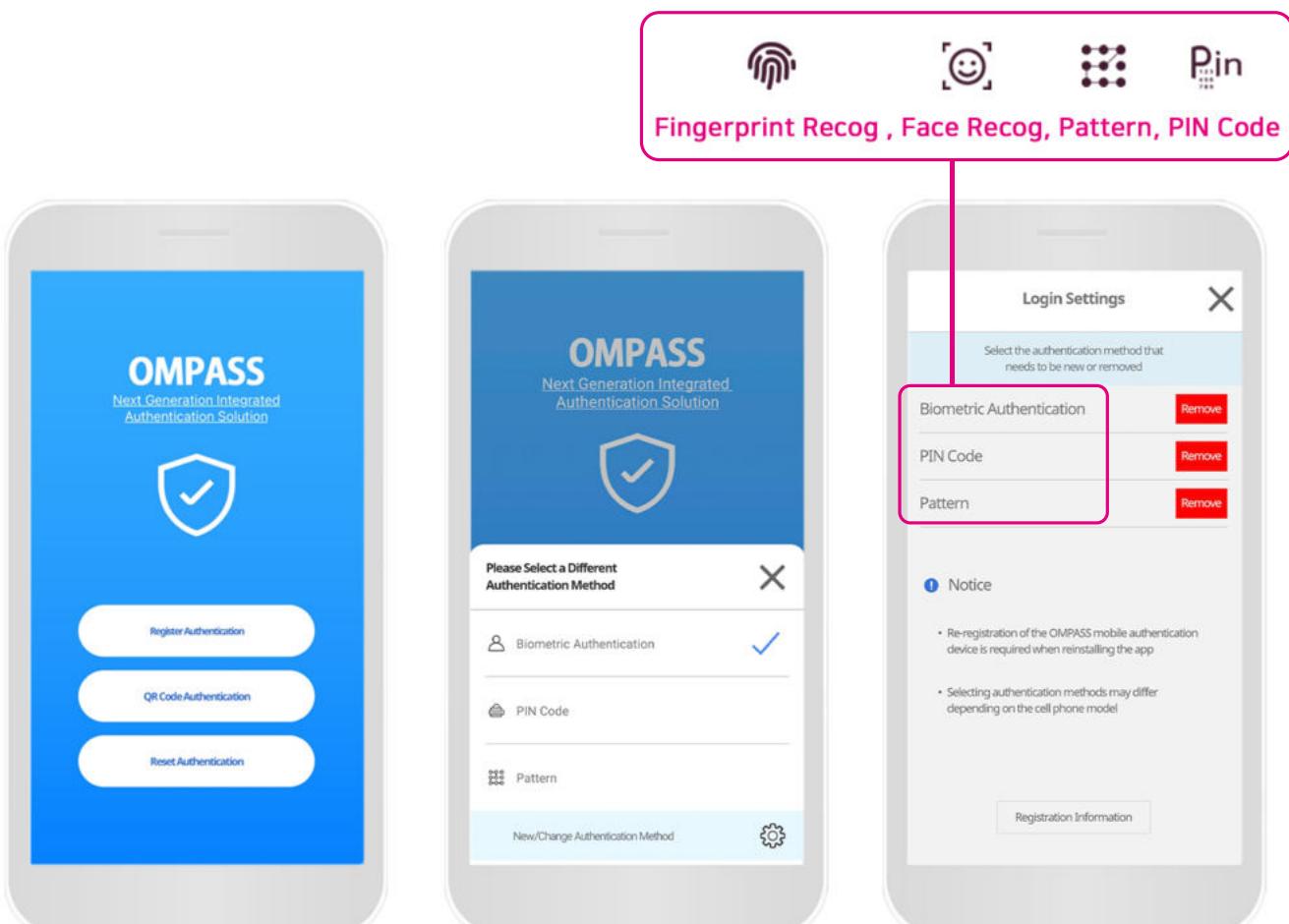
□ Specification Diagram

System Specifications

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



□ Important Screen



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

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OMPASS v1.0 (On-Premise)

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