



# OneMorePASS (OMPASS) On-Premise

## FIDO (Fast IDentity Online) Solution

Biometric and passwordless authentication



### ► Certifications



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



Secured Login  
with FIDO Authentication  
certified 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



**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.

## □ 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, mobile app, Linux PAM, MacOS client

- **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)

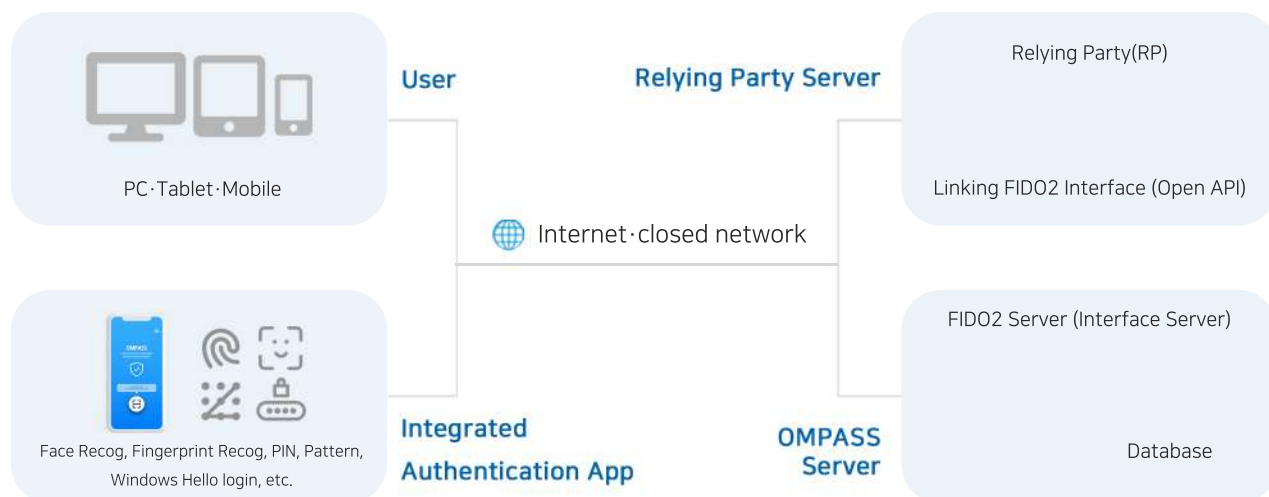
- **Reinforcement of Mobile Authentication Device Security**

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

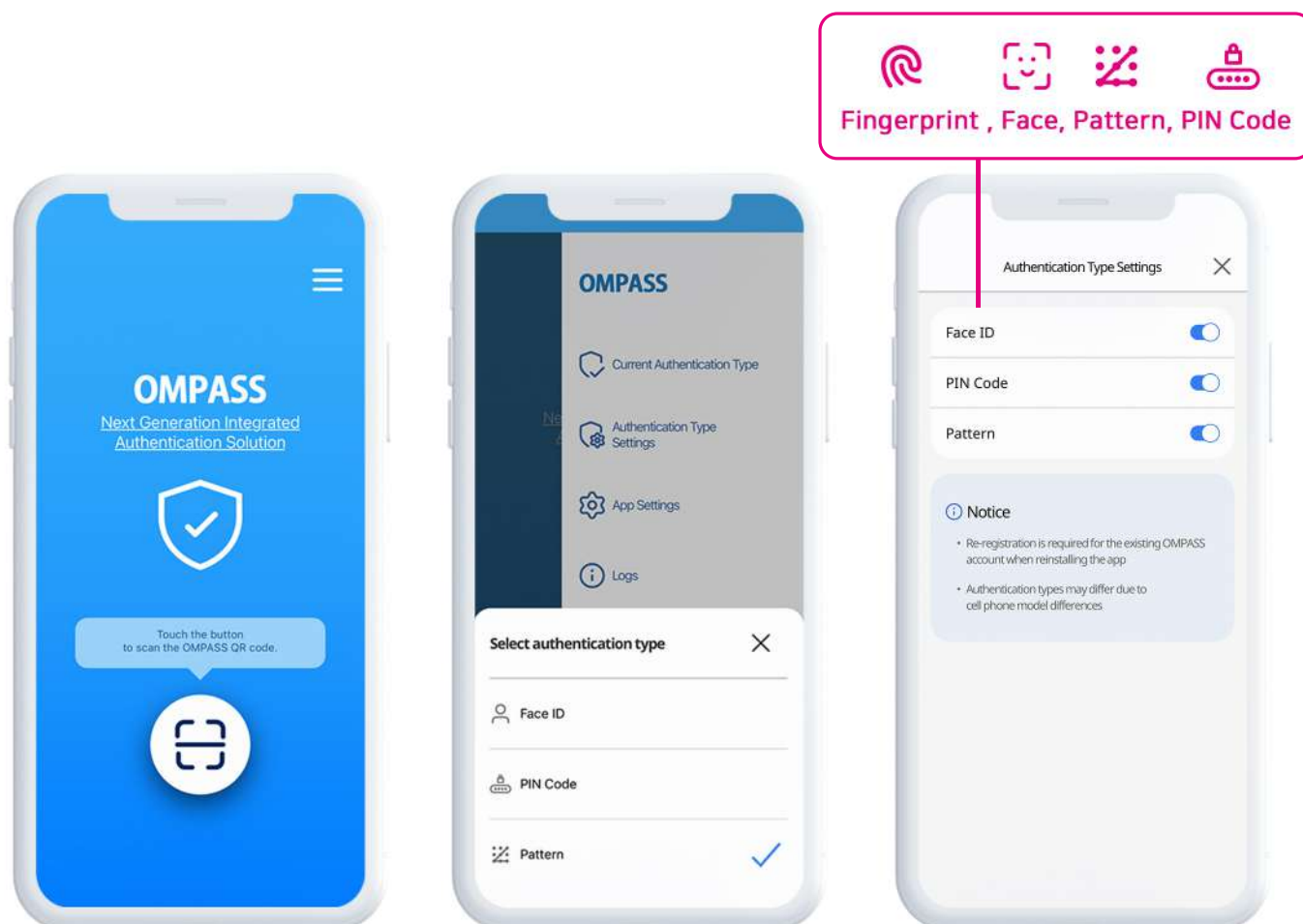
## □ Specification Diagram

### 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**.

**For Any Inquiries,**

Nury Kang  
Manager



[partner@omsecurity.kr](mailto:partner@omsecurity.kr)



[+82 10 5913 3882](tel:+821059133882)



[www.omsecurity.kr](http://www.omsecurity.kr)



[Unit 601 Smart Hub 1, 2150, Hannuri-daero, Sejong-si, Republic of Korea](#)

# OMPASS v1.0 (On-Premise)

## FIDO(Fast IDentity Online) Solution