

Hancom Pass

FIDO Solution

Key Features

▶ Standard, Compatibility

- Acquired FIDO 1.0, FIDO2
- Provides compatibility, scalability through compliance with FIDO international standard

▶ FIDO Turnkey Solution

- Support FIDO 1.0 Client solution (Authenticator, Client) and Server
- Provides FIDO2 Server and Client Module (USB Fingerprint and more...)

▶ Security

- User's biometric information is securely stored in each of devices without being transmitted to the server, ensuring high security level.
- FIDO strengthens authentication system through implementation of multi-factor authentication using biometric information.

Main Functions

▶ FIDO

- Multi-factor authentication by using biometric information
- Acquired FIDO 1.0, FIDO2

▶ SDK, Management Tool

- Standard SDK and integrated development tool
- Web based monitoring tool for management and monitoring for users /authenticated devices status

▶ Various biometric authentication

- Diverse support of biometric authenticator (fingerprint, speaker, palm)

FIDO2 Authenticator

- USB Type FIDO2 Authenticator
- Support Windows Hello
- Voltage : DC 5V (USB)



Expected Effects

- ▶ **Security**
 - Strengthening user authentication system by implementing Multi factor authentication
- ▶ **Convenience**
 - Simplified authentication process for user convenience
- ▶ **Compatibility**
 - Able to develop services that comply with international and web standards
- ▶ **Rapid Development**
 - Quick implementation with client and back-end FIDO solutions

System Requirements

Type	Target	Requirements	
Server	O/S	- Windows/Solaris Sparc/Solaris x86/HP-UX/HP-IA/AIX/Linux etc.	
	DBMS	- Mysql 6.3CE, MariaDB (need consultation for others)	
	WAS	- Tomcat7.0 or later (Default, need consultation for others)	
	JAVA	- JDK 8 or later	
Client	Android	Contact fingerprint recognition	- Android OS 4.1.2 or later with Samsung devices with fingerprint module - Android OS 6.0 or later other devices except Samsung with fingerprint module
		Contactless fingerprint recognition	- Android OS 4.1.2 or later
		Contactless pamprint recognition	- Android OS 4.1.2 or later
		Face/Speaker	- Android OS 4.1.2 or later
	iPhone	Contact fingerprint	- iOS 8.0 or later with Touch ID (iPhone 5s, iPad pro and later)
		Contactless palmprint	- iOS 7.0 or later with camera
		Face/Speaker	- iOS 7.0 or later with camera