

FacePIN

Web-based Simplified Face Recognition

FacePIN is a facial recognition solution that supports high level of security with PKI, web standard and training model based facial recognition engine.



Key Features

▶ Strong Security

- FacePIN uses PKI authentication solution and secure protocol created by HancosSecure. Those solutions enhanced user authentication process and data protection to ensure the highest levels of security.
- FacePIN stores user face's template

▶ Training Model

- FacePIN's retraining user structures allows improving the face recognition process when aspects such as time, variability in the face expression or lightning changes in the image, are taken into account.

▶ Wide Range Device Coverage

- Low hardware requirements (minimum requirement : 640x480 resolution camera)
- Support Windows, iOS, Android and Linux
- ARM, x86,x64

▶ References

- FacePIN has many of proven references in various market such as Bank, Government, SSO, Security, SNS, etc.

▶ Support Diverse Client App

- FacePIN can implement in Web browser, don't require to install plug-in or extra application.

Main Functions

▶ Enrollment

- Secure face enrollment captured different face poses and gestures to prevent photographs unauthorized use
- The enrollment process generates user's face template and store it instead of user's picture

▶ Authentication

- Retraining function allowing the face recognition performance improvement
- More flexible and accurate authentication system with retraining function

▶ Web Standard Support

- Web Standard support allowing face authentication process without plug-in installation
- Face authentication integrated with PKI based security solution to ensure the highest levels of security

System Requirements

Type	Target	지원사양
FacePIN Server	O/S	- Windows/Solaris Sparc/Solaris x86/HP-UX/HP-IA/AIX/Linux etc.
	DBMS	- Oracle 10g or later
	JAVA	- JDK 1.8 or later
FacePIN Client	O/S	- Requirements are depends on the type of web browser regardless of OS.
	Browser	- IE 9 or later, Edge support (IE11 or later recommended for using WebCrypto that enables secure key management & performance) - Firefox 40.x or later - Opera 31.x or later - Safari 6.0 or later - Chrome 45.x or later