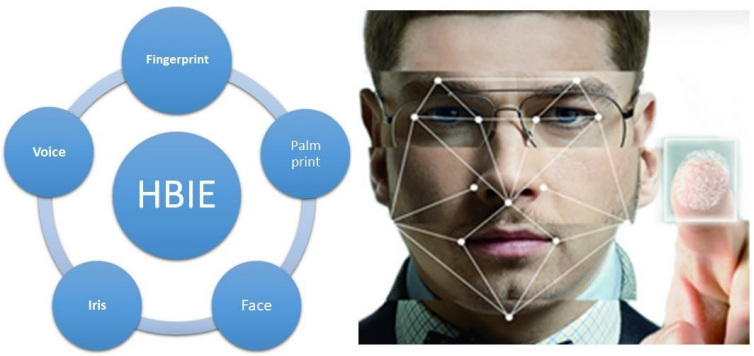
Hisign Biometric Identification Engine

Hisign Biometric Identification Engine (HBIE) is a cross-platform software solution providing multiple biometric identification service as a back end system. It runs on COTS hardware and no proprietary hardware is required.



Run as a ABIS center

FEATURES

Fast

HBIE can be installed into server clusters to achieve higher matching speed.

API

Comprehensive API in multiple programing languages is provided to developers of various application systems where personal identity management and verification are necessary by means of biometrics

Large Scale support

HBIE can support for large scale identification and verification service capacity of tens of millions of multiple

International Standard

ISO & ANSI standards are supported.

INFRASTRUCTURE

HBIE is designed to support modular structure and with redundancy support for smooth and continued biometric identification service. Matcher servers can be deployed in clusters and hot switch and hot replacement are supported in regard of clusters, servers, server components, etc., as well as network devices.

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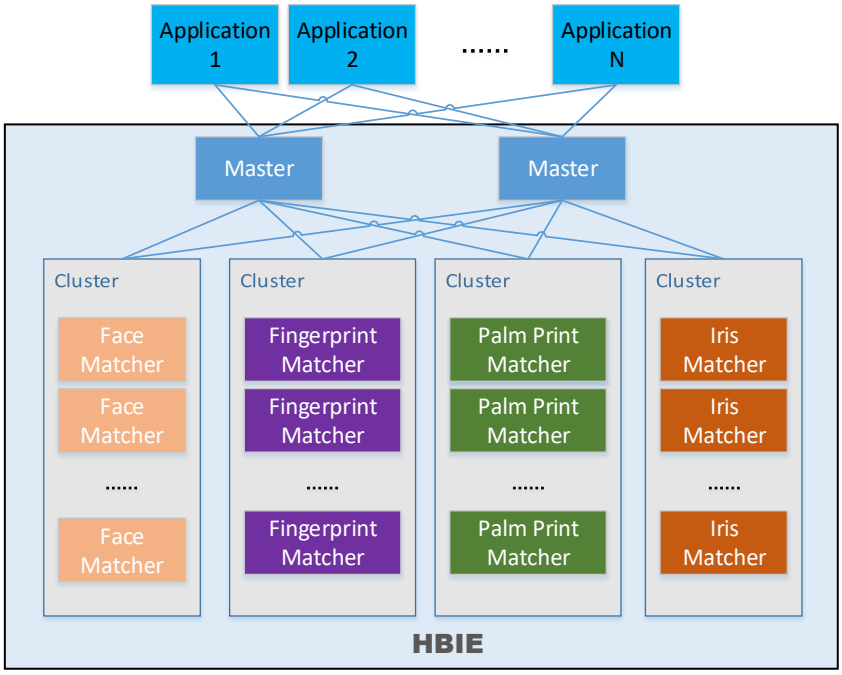
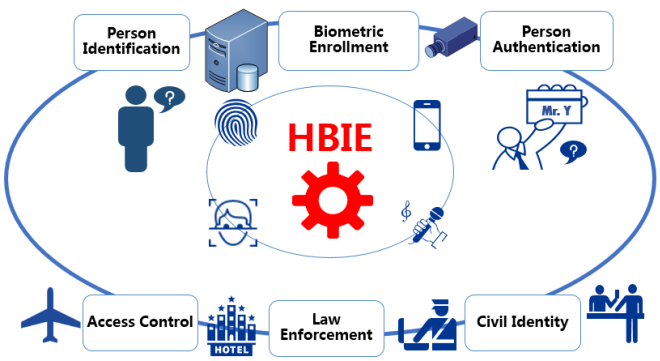


APPLICATIONS

- Civil identity: Biometric registration of citizens and data management
- E-ID: Biometric ID card, Biometric passports, E-driver's licenses, etc.
- Personal Identities: Identity verification for transactions, payments, social services, voting, etc.
- Law enforcement: Multi-biometric search and verification systems for criminal investigation and forensics
- Access control: Secure access to critical infrastructures, identification verification at borders, etc.



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