Bio-Hyperpliance™ HIGH –PERFORMANCE COMPUTING (HPC)

Hyper-Threaded, Scalable, AFIS and Multi-Biometric Identification Server for Fast 1:N Matching

Bio-Hyperpliance™ from M2SYS is a high-performance, scalable, 1:N AFIS and multi-biometric identification server that is delivered with our hyper-threaded software which is optimized for exceptionally fast matching speeds. Easily utilize fingerprint, finger vein, palm vein, and iris biometrics.

Leverage massive parallel processing for lightning fast identification of large databases in a variety of mission-critical environments where the quick authentication of a high number of individuals from many simultaneous threads is required.

Sample deployments include:

- Patient identification across health care networks
- Student identification across school districts
- Inmate identification within detention centers
- Customer identification for banking institutions
- Membership management and government biometric deduplicaiton projects such as voting, passport issuance, and national ID.
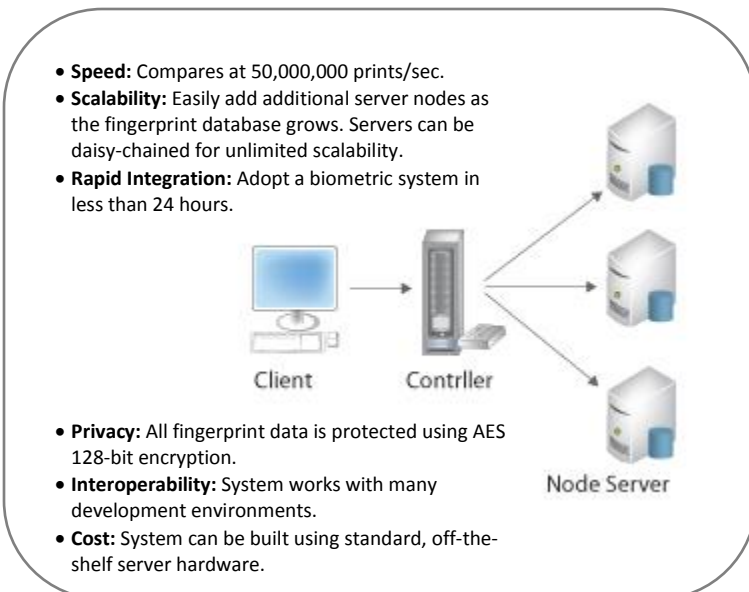
Incredible 50,000,000 fingerprints/sec

Servers can be clustered for unlimited scalability.

More than 1.2 million Finger Vein Templates/Sec

More than 10 million faces/Sec

- **Speed:** Compares at 50,000,000 prints/sec.
- **Scalability:** Easily add additional server nodes as the fingerprint database grows. Servers can be daisy-chained for unlimited scalability.
- **Rapid Integration:** Adopt a biometric system in less than 24 hours.

Client   Contrller

Node Server

- **Privacy:** All fingerprint data is protected using AES 128-bit encryption.
- **Interoperability:** System works with many development environments.
- **Cost:** System can be built using standard, off-the-shelf server hardware.

M2SYS™
ACCELERATED **BIO**METRICS