Bio-Hyperserver™

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

Bio-Hyperserver™ from M2SYS Technology is a HPC (High Performance Computing)/Parallel Processing, scalable, 1:N AFIS and multi-biometric identification server delivered with our hyper-threaded software and optimized for exceptionally fast matching speeds. Working easily with off-the-shelf software, Bio-Hyperserver™ allows end users to scale the performance of their system to an infinite capacity by adding additional server nodes.

With our multi-modal Hybrid Biometric Platform™ biometrics system, you can easily utilize fingerprint, finger vein, palm vein, iris, and facial recognition biometrics. Leverage our massive Bio-Hyperserver™ parallel processing ability 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. This is an ideal solution for large-scale biometric deduplication or real time 1:N matching projects.

Deployment Environments

- ❖ National ID
- ❖ Law Enforcement
- ❖ Border Control
- ❖ Election and Voter ID
- ❖ ePassports

Key Features

- ❖ Over 200 million fingerprints/sec
- ❖ More than 750,000 finger vein templates/sec
- ❖ Over 30 million iris templates/sec
- ❖ Servers can be clustered for unlimited scalability

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

Facial

FingerPrint & Vein

Iris

Palm Vein

M2SYS

Contact information: +1-770-393-0986
sales@m2sys.com | www.m2sys.com