

## ◦ PRODUCT

### CDI Identification Server



The CDI Identification Server ensures high reliability and speed of biometric identification even when using large databases. High productivity and efficiency are supported by a fused algorithm that contains fingerprint and facial recognition engines. The use of the fused algorithm means better identification results than any either engine used separately. The fingerprint engine has received NIST MINEX Certification.

The CDI Identification Server is standards-based.

To ensure compatibility software, WSQ library is included, as well as modules for conversion between biometrical standards, including (ISO/IEC 19794-2, ISO/IEC 19794-4, ISO/IEC 19794-5, ANSI INCITS 381-2004, ANSI INCITS 385-2004, ANSI/NIST ITL-1-2000 and ANSI/INCITS 378-2004).

In addition to civil and criminal identification, the CDI Identification Server supports forensic AFIS applications, such as latent identification and latent template editing.

#### **CDI Identification Server BENEFITS**

- Support Multi-modal Biometrics Verification and Identification using both Fingerprints and Facial Recognition with either a fused algorithm or utilized both modalities independently
- Add Lights-Out Identification Capabilities to Existing Live Scan and Photo Workflows
- Front-end Existing AFIS Systems With a Most-Wanted or Watch-list Database
- Optimized or EFTS-based Interfaces Available
- Seamless Integration With Existing Live Scan and AFIS
- Replication With Existing Systems Through Template Exchange or Image Conversion
- Configurable FAR/FRR
- Cluster-aware to Improve Response Time to Meet Any Requirement
- Scalable Accuracy and Performance Beyond 100M Subjects

#### **MAIN FEATURES**

- Reasonably-Priced Biometric Verification and Identification Subsystem
- Standards-based Solution for Maximum Interoperability
- ANSI/INCITS 378-2004 (minutiae format)
- ANSI/INCITS 381-2004 (Finger Image)
- ANSI/INCITS 385-2004 (Face Image)
- ANSI/NIST-ITL 1-2000 (EFTS)
- ISO/IEC 19794-2 (minutiae data)
- ISO/IEC 19794-4 (image data)
- ISO/IEC 19794-5 (face image data)
- NIST/MINEX Certified
- WSQ and JPEG2000 Support
- Standard Live Scan Interface Support
- Scalable from One to Dozens of Servers to Services Identification Requests for Millions of Subjects
- Supports Virtually All Commercially Available Fingerprint Scanners