

# A4Vision, Inc.

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## VISION ACCESS™ Technology Demo

VISION ACCESS™ systems—ACS (Access Control System) solutions provided by A4Vision—are based on advanced 3D face recognition technology, which is a combination of patented optical technology, targeting and tracking software, and recognition algorithms.

The VISION ACCESS™ Technology Demo (Enrollment Application) provides system integrators of biometric and security solutions with testing facilities—software and hardware means—to evaluate the A4Vision 3D facial recognition technology.

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### FEATURES

- Captures the facial biometrics of a person exposing himself/herself to the VA Enrollment Station (ES), displays the 3D surface of the facial image in real time on the workstation's monitor, analyzes the reconstructed surface, performs the real-time recognition and creates a chart containing information about the recognition progress.
- Acquires the facial biometrics of a person exposing himself/herself to the VA ES, creates a video data file and registers the person (new enrollee) in the system's database (Enrollment mode).
- Compares the facial biometrics of a person exposing himself/herself to the VA ES and passes his/her badge in front of the corresponding "in" sensor (smart card reader) against the facial biometrics (template) with the same badge ID in the system's database (Verification mode).
- Compares the facial biometrics of a person exposing himself/herself to the VA ES against the facial biometrics (templates) of the enrollees registered in the system's database (Identification mode).
- Captures facial biometrics of a person exposing himself/herself to the VA ES and stores the video data to an AVI file.

### SPECIFICATIONS

- Supports industry standard BioAPI
- Integrates with a variety of external readers (laser, smart card, Wiegand, proximity, etc.)
- Secures against unwarranted site access
- Compatible with existing physical access control applications

- Based on advanced 3D face recognition technology, a combination of patented optical technology and recognition algorithms.

### SYSTEM REQUIREMENTS

#### Hardware

- PC Intel Pentium™ IV 1500MHz or higher
- 512 MB RAM minimum
- 120 MB free hard disk space, not including space required for a person database
- CD-ROM
- Ethernet Card
- Video Card supporting simultaneously two monitors (e.g., GeForce FX5600, or "Dual View" for Radeon Cards); one of the video card outputs should be composite or S-Video)

#### Software

- Microsoft Windows® 2000 Professional or Microsoft Windows® XP Professional
- Internet Explorer 6.0
- DirectX™ 9.1b or higher
- SentinelLM License Server
- Video Card (with analog video output) driver
- Video Capture Card driver
- Card Reader driver
- Acrobat Reader 5.0 or higher.

### PACKAGE INCLUDES

- VA Enrollment Station
- Video Capture Card
- Biometric Data Loader
- Software package
- Installation manual
- User guide
- License Agreement.