

FacePASS™ 4.1

Biometric verification, establishing authenticity of a claimed identity

FacePASS at a glance

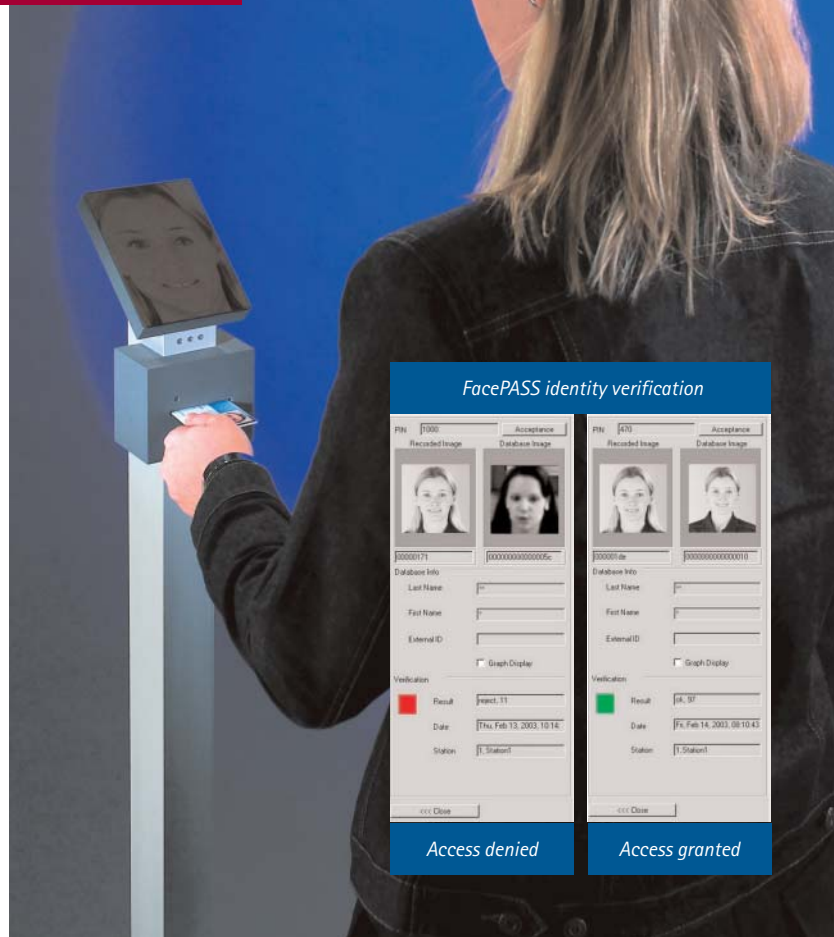
- >> One-to-one verification
- >> Based on Viisage's leading face recognition technology
- >> Designed for access control and ticketing applications
- >> Self-contained hardware and software system
- >> Modular and scalable system architecture
- >> Supports various ID documents or security tokens
- >> Easy to integrate with access control or ticketing systems through standard interfaces

What is FacePASS?

FacePASS is an identity verification product based on Viisage's leading face recognition technology. It supports one-to-one verification of an individual's identity to authenticate that the holder of an ID document is the authorized user. The system carries out a real-time comparison between a live face and a stored reference image to confirm the identity of that person and grant respective privileges while guaranteeing maximum reliability, security and efficiency.

Target Markets and Applications

In access control applications to government and industry buildings and high security facilities, such as airports, banks or nuclear power plants, FacePASS ensures that access is granted for authorized individuals only. In ticketing applications, e.g. in zoos, fitness clubs or at major sports events, it effectively prevents ticket fraud with member cards or season tickets and ensures high visitor throughput. No matter whether your individual requirements focus more on a high security level or on process efficiency, FacePASS provides a tailored solution.



FacePASS Benefits

- >> Increased security and prevention of identity fraud
- >> Process efficiency and high throughput through fast and user friendly processes
- >> Return on investment through interoperability, easy integration and fully automatic operation

FacePASS Features and Functions

Security

- >> Based on Viisage's leading face recognition technology
- >> Protocol function logging every access attempt including images
- >> Individual configuration of system and personal threshold
- >> LiveCheck option
- >> Active height-adaptable illumination
- >> Integrated image quality check

Process Efficiency

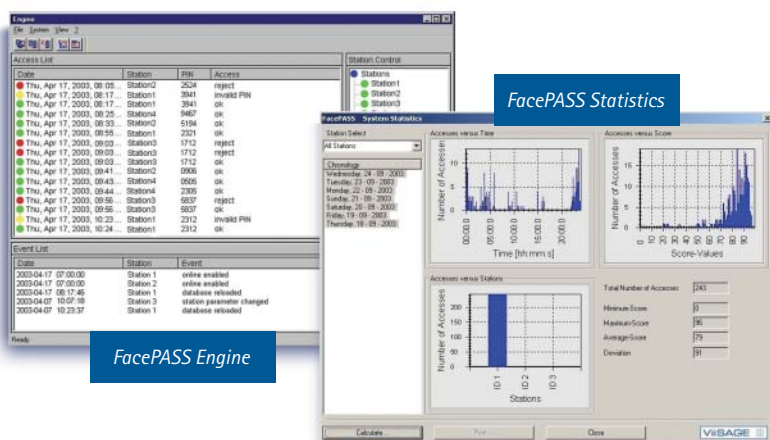
- >> Unmatched recognition speed
- >> Easy, contactless and user-friendly process
- >> Fully automatic system operation 24/7
- >> Automatic offline mode - access stations are fully operational even in cases of network breakdowns

Interoperability

- >> Easy integration into existing infrastructure and access control systems through open database interfaces
- >> Open standards based on ODBC for database connection
- >> Open standards based on RS-232/RS-485, LAN or Wiegand for card reader connection
- >> Supports different card readers including smart cards, proximity tags or cards, keypad, 2D barcode readers, and fingerprint readers

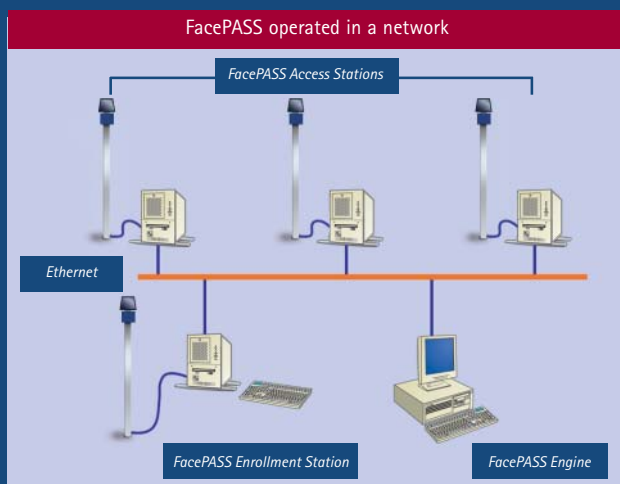
Database and system administration

- >> Database filter functions
- >> Optional: statistical evaluation
- >> Print reports
- >> Individual configuration of user rights
- >> Optional doorman application - enables the operating personnel to decide on granting access manually



Components & Modules

- Modular and scalable system architecture for single-door and network configurations
- Wall and floor-stand consoles for indoor and outdoor applications; consoles include camera and reader unit
- Enrollment Station for image acquisition and template generation
- Engine for system administration, database management and central control of all stations
- Access Stations for verification at each access point
- Dual Access Stations controlling two consoles and two doors respectively



Technical Specifications

- Template size: 2 KB as a standard, scalable according to application
- Template storage options:
 - > Central storage in the database
 - > Decentralized storage for tokens, smart cards, etc.
- Operating temperature range:
 - > Indoor: (+5 - +35°C / +41 - +95°F)
 - > Outdoor: (-20 - +40°C / -4 - +104°F)
- IP 64 protection for outdoor consoles
- Compliance with CE, EN/DIN 60950 (2000)
- Available languages: English, German, configurable to support languages online

Please contact our Professional Services Team at sales@viisage.com if you have any requirements beyond those specified.



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