

ACCESS PRO

COMPREHENSIVE ACCESS CONTROL
MANAGEMENT SOFTWARE



Overview:

Access Pro is a comprehensive Access Control Management Software designed to manage and monitor door access, personnel authorization, and real-time security events. It is suitable for both small-scale and enterprise-level deployments, offering flexible database integration and communication options for scalable and reliable security management.

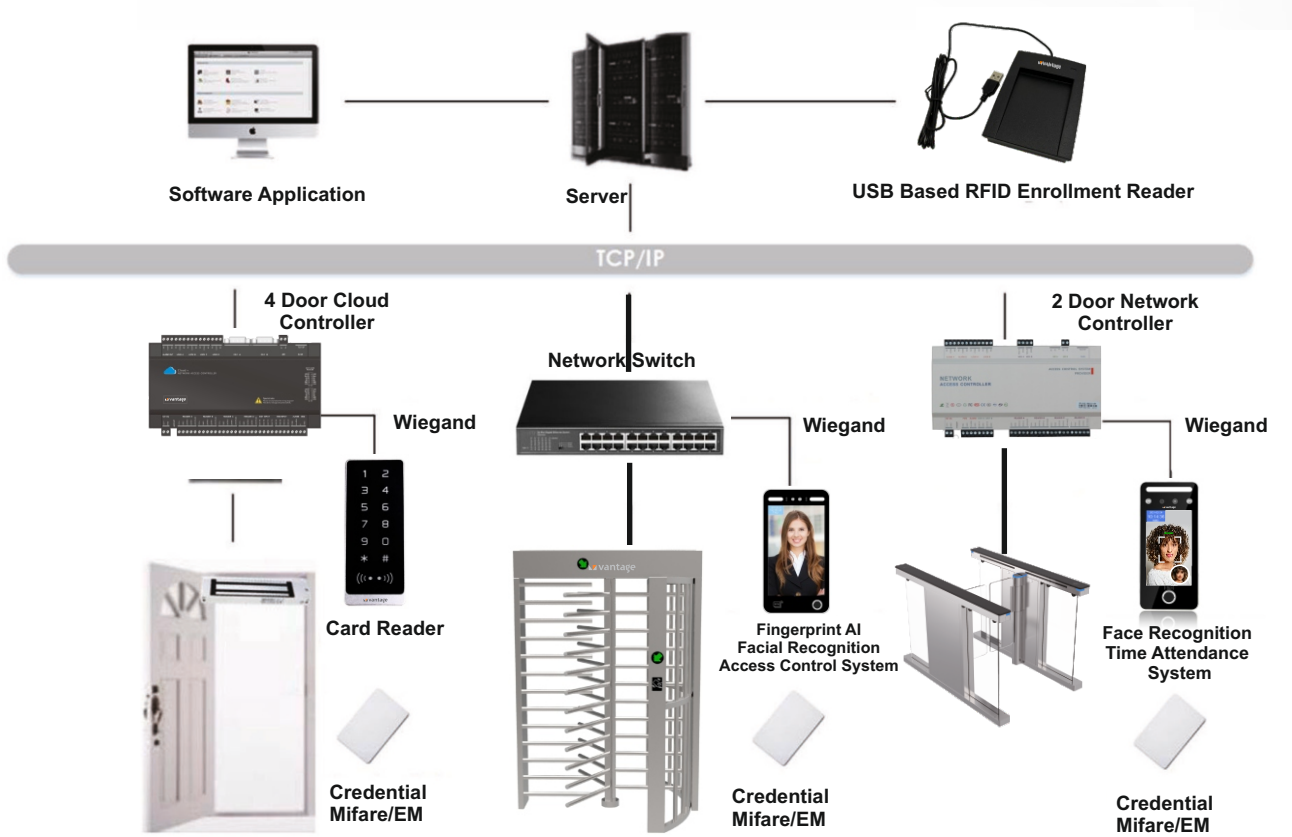
System Requirements:

- Platform: Windows-based application
- Deployment Type: Standalone
- Communication: TCP/IP, RS485

Minimum System Requirements:

- Operating System: Windows OS (Windows 10 or above / Windows Server 2008 or above recommended)
- Processor: Intel i7 or higher
- RAM: Minimum 8 GB
- Database: MS Access / MS SQL Server

Note: For systems with more than 200 users or over 1000 daily transactions, MS SQL Server is recommended for optimal performance and scalability.



Device & Door Management:

- Supports 1-door, 2-door, 4-door, and elevator controllers
- Real-time device status monitoring
- Door parameter configuration includes door open time and door open timeout alarm settings
- Anti-passback functionality
- Multi-person authentication support
- SQL database support for scalable data management and reporting

Access Control & Authorization:

- Multi-level access permission management
- Time zone-based access control (up to 16 time zones)
- Multiple authentication modes: Card only, PIN only, Card + PIN, Dual card
- Custom access groups and authority assignment



Personnel Management:

- Add / Edit / Delete users
- Photo capture and storage
- Card issuance (manual, reader-based, or batch)
- Bulk user import via Excel
- Multi-user authorization assignment

Monitoring & Event Management:

- Real-time event monitoring including card swipes, door alarms, and invalid access attempts
- Comprehensive event logs with time, location, user ID, and event type

Alarm event monitoring for:

- Door forced open
- Door timeout
- Invalid card usage



Data Management & Reporting:

- Supports multiple data types including card data, event logs, and system logs
- Data export in Excel and TXT formats
- Database operations including backup and restore
- Data import and export functionality
- Database migration support (MS Access ↔ MS SQL Server)



Map-Based Monitoring (Graphical UI):



- Interactive floor map visualization for real-time system overview
- Ability to add and manage objects such as doors, controllers, personnel, etc.
- Real-time monitoring through graphical interface
- Alarm visualization for quick event identification and response

System Operation Workflow:

- Add controllers
- Configure door parameters
- Define access permissions
- Add personnel and issue cards
- Assign access rights
- Update controller parameters
- Download card data to devices



Database Options:

Database Type	Use Case
MS Access	Small systems (up to 200 users)
MS SQL Server	Large-scale enterprise deployments



Security Features:



- Anti-passback support
- Multi-factor authentication (Card + PIN)
- Door alarm monitoring
- Time-based access restrictions
- Role-based access control

Scalability:

- Supports multi-controller environments
- Expandable for large enterprise deployments
- Performance scaling is achieved through higher CPU configuration, increased RAM capacity, and SQL database optimization.



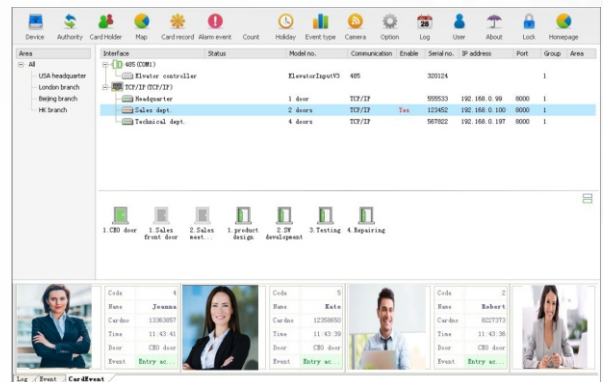
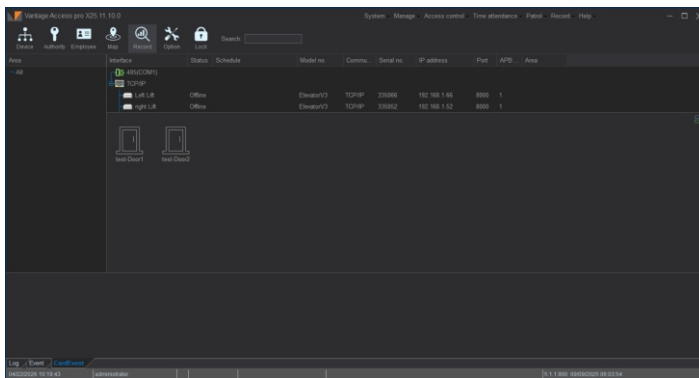
Applications:

- Corporate offices
- Industrial facilities
- Warehouses
- Residential complexes
- Government buildings etc.



Advantages:

- User-friendly interface
- Flexible database options
- Real-time monitoring and control
- Supports data backup, restore, and migration
- Efficient handling of high transaction volumes



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