

# Access Expert

Security Management platform designed to maximize options, simplify operations, and deliver information to customers on the move.

## Unique Features in Access Expert

### Mass Messaging

Stay connected to your cardholders, visitors and contractors and communicate directly in times of need and seconds count with a built-in Mass Messaging system.

### Emergency Lockdowns

One-click emergency lockdowns by door groups or individual door.

**Global SMS & E-mail Notifications** Access Expert can be used to push SMS and e-mail notifications to all enrolled people.

### Smart Search

Instant search bars for quick navigation within a specific window or globally.

### Real-Time Alarm Events

Whether Cloud or Premise there is no lag or refreshing needed.

### Mobile Apps

Robust iOS and Android mobile apps designed to alert, command and control while on the go.

### Web Interface

HTML5 browser interface allows customers to stay connected even when on the move.

### Customized Reporting

Build out the reports that you need and easily save them for future use when you need them.

### Two-Factor Authentication

Additional layer of login protection to reduce security risks of poor password usage.

### Visitor Management

Stay up to date on visitors, contractors, hosts and meetings throughout your enterprise.

## Why Access Expert?

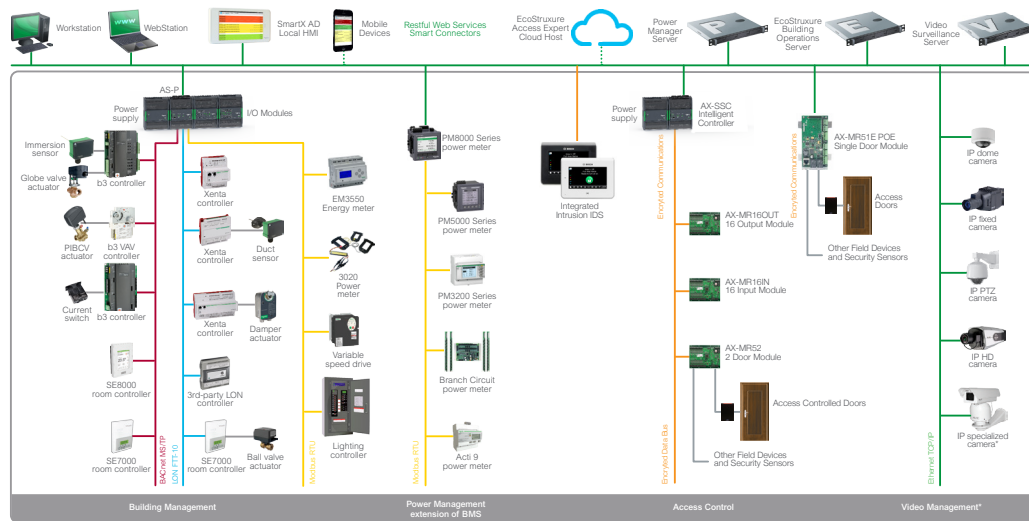
Access Expert is the first cloud-based access control platform that can operate as an on-premise solution within the end user's private network, or in a hosted environment, using the same UI for either application. In a hosted environment, Access Expert runs without servers or appliances on site, lowering the total cost of ownership for the end user and eliminating costly refreshes of servers and hardware. AccessXpert's flexibility allows customers to choose how the system is deployed and supports traditional on-site applications installed within the customer's network. Access Expert server requirements are minimal.

### Seamless Integration



- Experience Beyond Open Systems
- Increase Flexibility & Mobility
- Choose Cloud-Based or Local
- Merge Physical & Cyber Security
- Simplify Integration
- Reduce Operating Costs

# Access Expert



\*IP CCTV video management system utilizes dedicated video recording servers



## Architecture

Built on Microsoft's .Net architecture, Access Expert utilizes a distributed architecture for security and performance. Its RESTful API was built for a cloud-based applications while still allowing for 3rd party integrations. The Access Expert platform can operate in a Thick, Thin, Web and even mobile environment delivering connectivity for your teams even when on the move.

Create multiple badge templates through the ID Management module. The added benefit of the mobile Photo ID application means customers can quickly update cardholder information while on the move. In addition, instantly run reports that can be saved or emailed. Access Expert scalability is only limited by the capacity at the intelligent controllers, which supports 600,000 card holders and 50,000 transactions per controller. The system supports a virtual machine topology enabling the consolidation of multiple servers.

## Security in the Cloud

Data integrity within a cloud environment is critical. To provide the highest level of security, Access Expert takes multiple measures to protect the customer's information:

- TLS encryption
- Use of outbound ports vs. inbound ports
- 2-factor authentication capable
- 2048 bit SSL certificate
- Inherent redundancy provides client disaster recovery without additional servers on-site or remotely

## Access Expert Specifications

Architecture	Microsoft.Net
Client framework	Two factor authentication + password policy
Client Encryption	2048 bit certificate SSL encryption
Communications path	IP Client (only uses outbound ports)
Hardware Encryption	TLS 1.2 (Transport Layer Security)
Database redundancy/HA	Elastic block storage/Point inTime recovery
Concurrent users	Unlimited
Database capacity	Unlimited (500,000 max/controller)
Custom attribute fields	Unlimited
Card reader limitations	Unlimited in Access Expert – see hardware specs
Video integration	Pelco Digital Sentry, Pelco VideoXpert, Salient CompleteView, Exacq, Milestone and Open Eye

## Network Connectivity

Controller Port Traffic utilizes port 3001 or 443

Application Port Traffic utilized port 443

Connectivity to Hosting Services utilizes port 443

## Minimum On Premise Server Specifications

Intel Quad Core 3.0Ghz

16GB RAM

40GB Storage

Windows Server 2016 Standard or Server 2012 R2 Standard 64bit

## Access Expert on Premise Workstation Specifications

Windows®

x86 or x64 1.6GHz processor

512 MB RAM

Windows 8.1 or higher

Browser: HTML5

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