

# Simplify Your Video Security Deployment

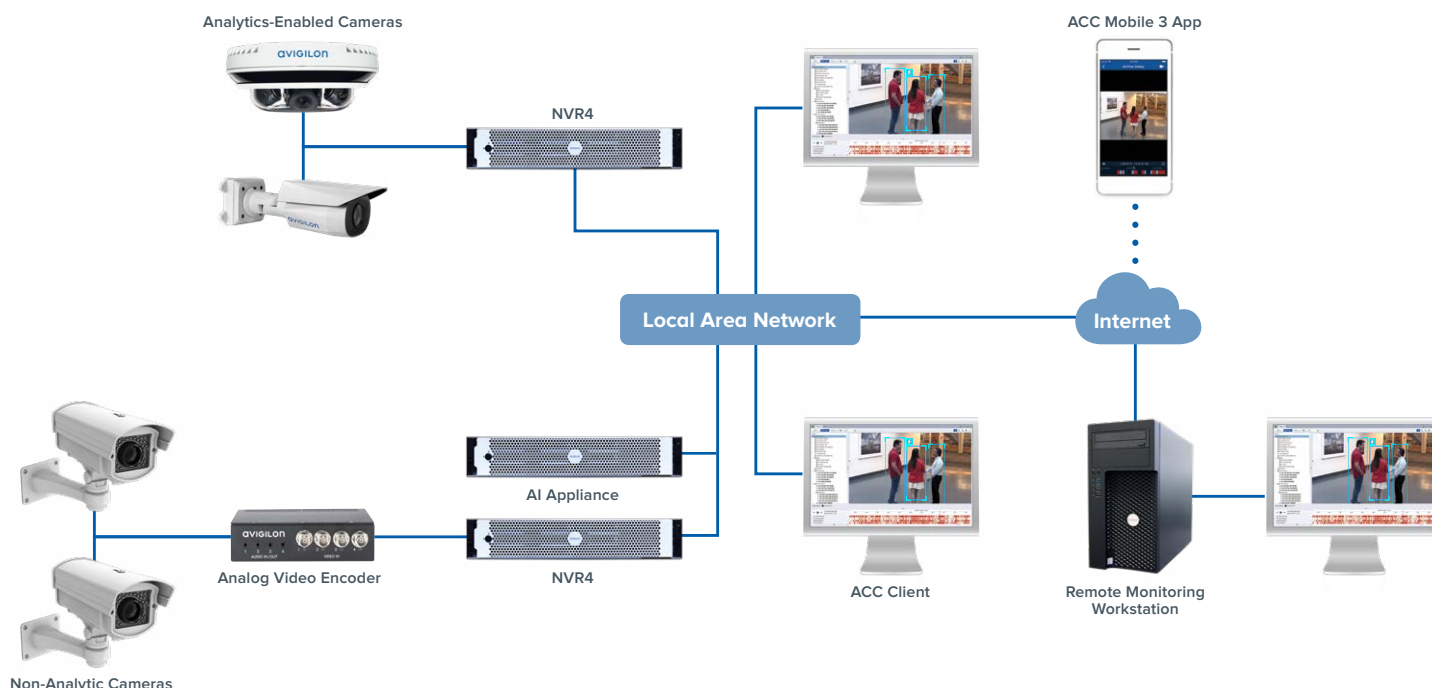
Whether you need a couple of cameras to monitor a storefront or a thousand cameras to secure a large campus, using a complete Avigilon solution helps take the risk out of deployment and maintenance. Avigilon NVRs and appliances are pre-configured for enhanced system performance and to save you time during deployment.

## Performance

Avigilon NVRs are designed specifically for the high-throughput workload required by video security systems. They are designed to work in low-latency, high-consistency environments, providing a significant increase in performance over comparable off-the-shelf servers.

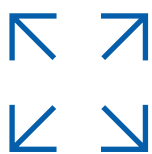
## Cybersecurity

You don't need to be an IT expert to deploy a system that meets the highest security standards. Avigilon NVRs are designed with high security site requirements in mind. Unused operating system services, ports and applications are all disabled to reduce attack vectors while also maximizing performance.

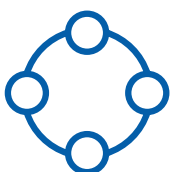


Images and user interfaces have been simulated for illustrative purposes.

# Access Control



The Avigilon access control platform scales to the changing needs of your business, with flexible solutions that range from our Access Control Manager (ACM) enterprise system to our entry-level ACM Embedded Controller™ system.



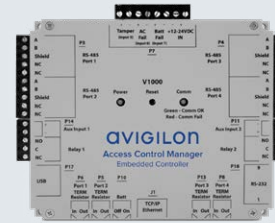
All Avigilon access control systems are 100-percent browser-based and require no software installation, delivering a ready-to-deploy solution that provides the performance you expect from a technology-driven security company.



# Access Control Manager System

Scalable enterprise platform provides uncompromising performance and is engineered with IT professionals in mind.

- **Integrate with open-field hardware** from leading manufacturers
- **Exchange identity information** with multiple directories and database types
- **Software integrations** enable wireless locks, biometrics, intrusion panel management, video verification and visitor management



# ACM Embedded Controller System

Entry-level platform delivers an access system for small-sized businesses and is easy to order, configure and navigate.

- **No server required** — ACM™ software is factory installed on the controller
- **Automatic configuration** of doors, inputs and outputs after each interface panel is created
- **Simplified navigation structure** is easy to understand and you're never more than two clicks away from most operations

## Solution Comparison

| ACM Enterprise Plus System | Features                      | ACM Embedded Controller |
|----------------------------|-------------------------------|-------------------------|
| 1 – 2,048+                 | Reader Doors                  | 4 – 16                  |
| 500,000                    | Operators                     | 10                      |
| 50                         | Simultaneous Operators        | 2                       |
| 500,000                    | Identities                    | 2,000                   |
| 150,000,000                | Stored Transactions           | 25,000                  |
| ✓                          | Custom Reports                | ×                       |
| ✓                          | Software Integrations         | ×                       |
| ✓                          | Biometric Integration         | ×                       |
| ✓                          | Alarm Management              | ×                       |
| ✓                          | Identity Management & Badging | ×                       |
| ✓                          | Hot Standby Auto Fail-over    | ×                       |
| ✓                          | RAID & Hot-Swap Components    | ×                       |



# Access Control Manager System

## Scalable Enterprise Solution

The ACM system is a physical access control system for enterprise-class installations, designed to help you focus on securing your people, property and assets, while giving you the flexibility to respond to alerts wherever you are. It seamlessly integrates with ACC software to provide you with a powerful and unified security solution that helps you proactively monitor and secure your sites.

### Secure Operating System

An open-source Linux® platform provides protection against network vulnerabilities.

### Easy Synchronization & Role Management

Enforce policy restrictions, meet regulations and reduce the risk of duplicate data entry by integrating with external IT and HR identity management solutions. Map physical access to enterprise roles such as departments, locations and titles.

### Retain Existing Investments

Capitalize on company investment in existing hardware by moving from proprietary or unsupported hardware to the ACM system.

### System Redundancy

Optional hot standby-auto failover solution automatically saves policies, settings and identities from any one primary appliance to a standby appliance.

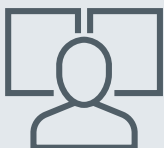


# Global Access

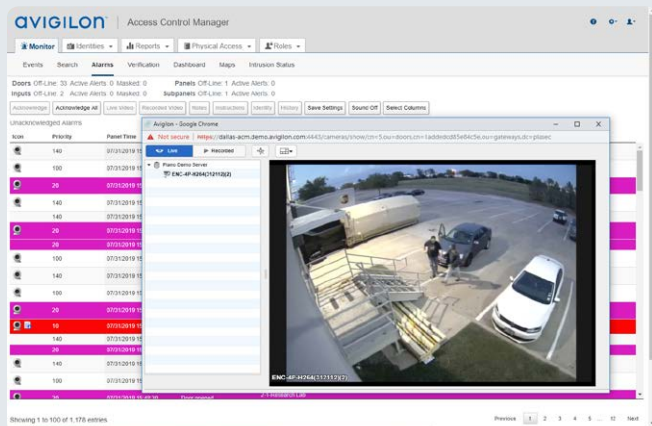


Avigilon ACM solutions are available 24/7/365 from any internet accessible location, using any device with a browser, and can be managed by multiple operators simultaneously. Whether using ACM Enterprise or ACM Virtual system, all changes are automatically synchronized across the entire access system, displaying only the most up-to-date information.

## User-Friendly Interface

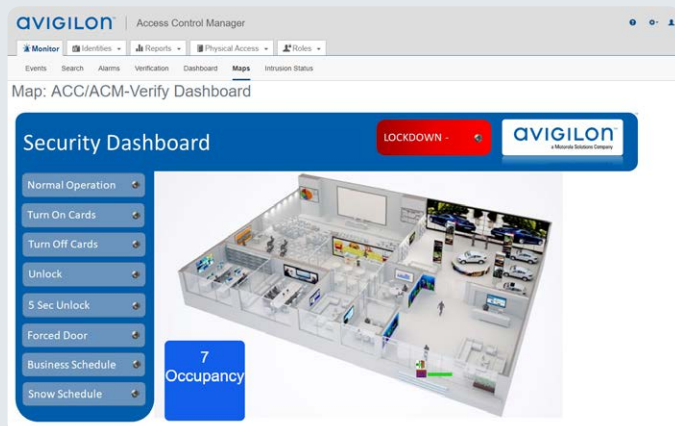


The ACM system interface keeps most system operations at your fingertips, allowing you to effectively manage, act on and create custom reports for critical security events.



### Alarm Management and Video Interface

Visual context for alarm events



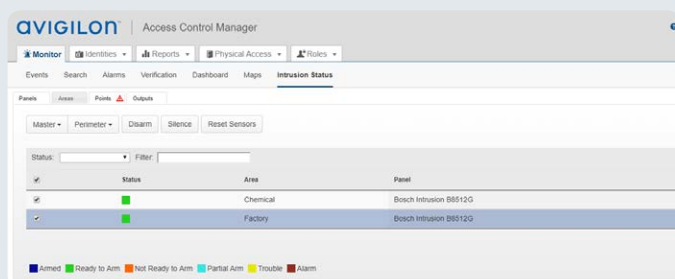
### Personnel Locator and Occupancy Tracker

Enhance the safety of key personnel

| Area Name          | Last Name | First Name | Last Accessed Do   | Last Accessed Ti   | Identity Type | Token Internal Nu |
|--------------------|-----------|------------|--------------------|--------------------|---------------|-------------------|
| Inside HQ          | Baron     | Robert     | 1-6 ACC-Door       | 07/31/2019 15:11:2 |               | 2033              |
| Inside HQ          | Call      | Clara      | 1-2 Rear Dock In   | 07/31/2019 15:50:5 |               | 2006              |
| Inside HQ          | Frederick | Brian      | 2-2-Research Lab   | 07/31/2019 15:50:3 |               | 2026              |
| Inside HQ          | Phay      | Charmy     | 1-2 Rear Dock In   | 07/31/2019 15:55:1 |               | 2008              |
| Inside HQ          | Thorn     | Bryan      | 2-2-Research Lab   | 07/31/2019 15:54:3 |               | 2016              |
| Inside Research La | Wendle    | Jason      | 2-1-Research Lab I | 07/31/2019 15:57:0 |               | 2025              |
| Inside Research La | Wendle    | Jason      | 2-1-Research Lab I | 07/31/2019 15:52:1 |               | 2015              |
| Inside Research La | Wendle    | Thane      | 2-1-Research Lab I | 07/31/2019 15:59:3 |               | 2031              |
| Inside Research La | Wendle    | Thane      | 2-1-Research Lab I | 07/31/2019 15:54:3 |               | 2019              |
| Inside Research La | Wendle    | Thane      | 2-1-Research Lab I | 07/31/2019 15:50:5 |               | 2012              |
| Inside Research La | Wendle    | Bryan      | 2-1-Research Lab I | 07/31/2019 16:02:0 |               | 2035              |
| Inside Research La | Wendle    | Clara      | 2-1-Research Lab I | 07/31/2019 15:46:0 |               | 2043              |

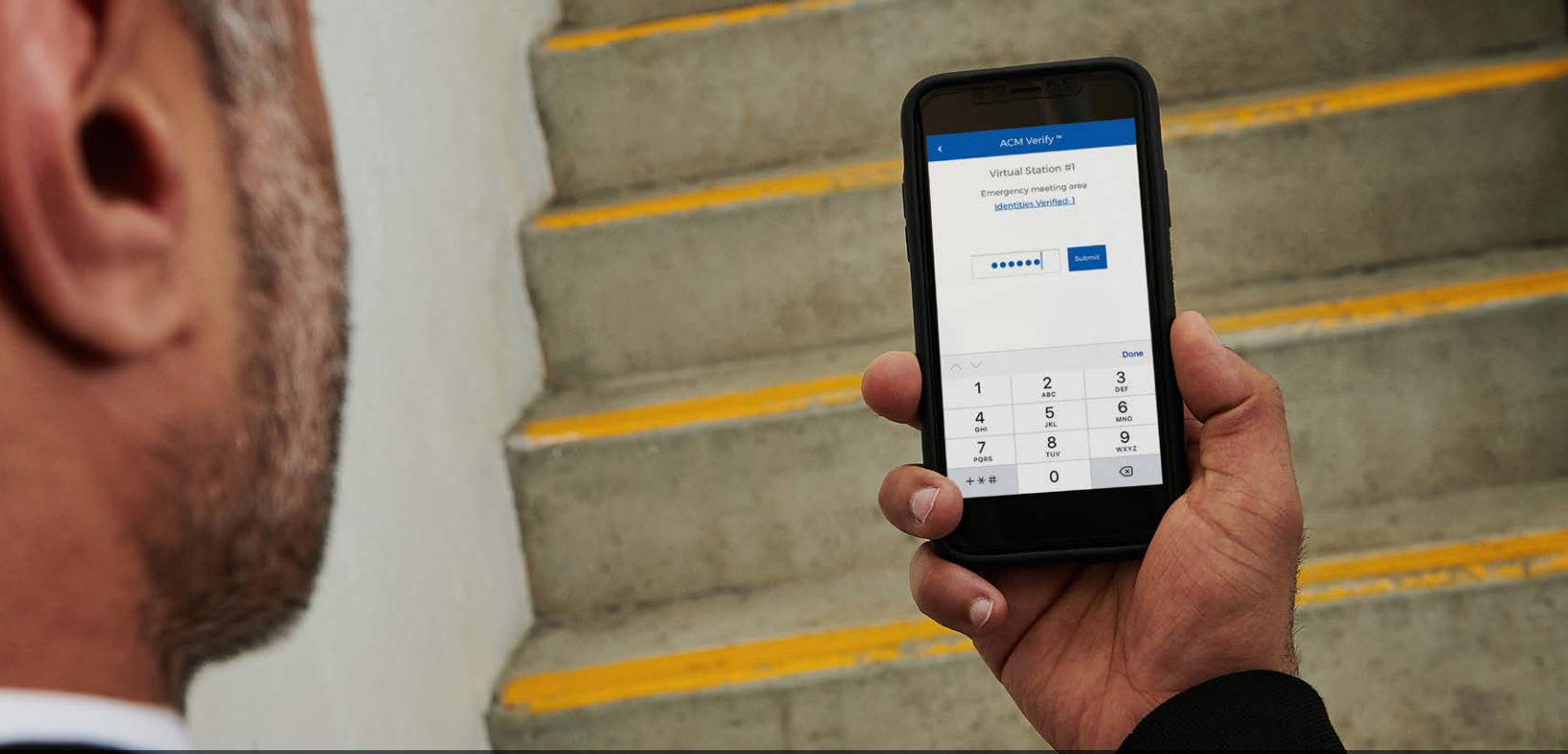
### Area Identity Report

Snapshot of on-site identities and their locations based on doors accessed



### Intrusion Event Monitoring and Control

Correlate alarms with system actions

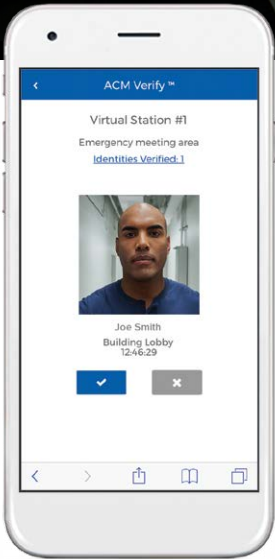


# ACM Verify Virtual Stations

Allows any browser-enabled smart device to act as a virtual station. It works by recording and confirming an individual’s identity using a PIN code, enabling you to extend the capability of your access system to locations where physical access doors are not feasible.

## Key Features

- **Device Pairing** – Easily link a device to a virtual station for higher level of security
- **Profile Verification** – Quickly compare a person’s appearance with the saved database image
- **Event Reporting** – Send verification events to the ACM™ system and view a list of recorded personnel for each virtual station
- **Event Triggering** – Activate global actions from events generated by virtual stations
- **Virtual Station Setup** – Easily enable or disable virtual stations from the ACM system



## Example Scenarios

Record personnel remotely as they report to mustering locations

Track attendance at company meetings, training sessions and events

Monitor students during field trips

Record teacher status, homeroom attendance, and school drills

Add virtual stations to any temporary location, such as a construction site

Images and user interfaces have been simulated for illustrative purposes.



# ACM System Integrations



## Video Security

Bi-directional alarm, video and event management.



## Biometrics

Enroll and manage biometric identities.



## Intrusion Panels

Monitor and control intrusion panels and access events from one location.



## Visitor Management

Map custom fields and roles for easy visitor check-in.

LEARN MORE [ACM SYSTEM INTEGRATIONS](#) P32

# Open-Platform Hardware Support



Controllers & Sub-Panels



Credentials & Readers



Power Supplies & Enclosures



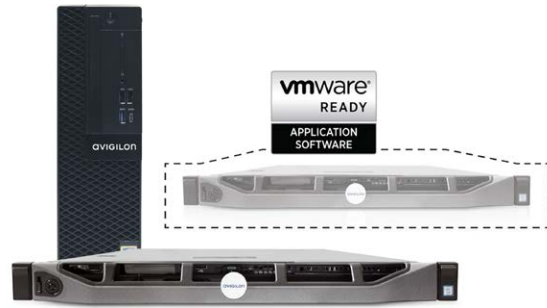
Wireless Locks

LEARN MORE [OPEN-FIELD HARDWARE](#) P35

# ACM Appliance Comparison

## ACM Professional

Provides smaller business with powerful features at a lower cost of ownership. This system is a great choice for business owners looking to start with a small desktop machine and expand as their needs change.



## ACM Enterprise & Enterprise Plus

Perfect for companies of all sizes looking to secure their facilities, people and assets across a variety of offices or locations. These systems include essential features for enterprise-grade businesses, provide seamless integration with existing IT and physical security systems.

## ACM Virtual

Purpose-built for organizations that have migrated their IT infrastructure to a secure, private cloud environment, this Certified VMware Ready solution is designed for deployment on a virtual server, maintaining scalable design while reducing capital and operating expenditures.

## Standard Features

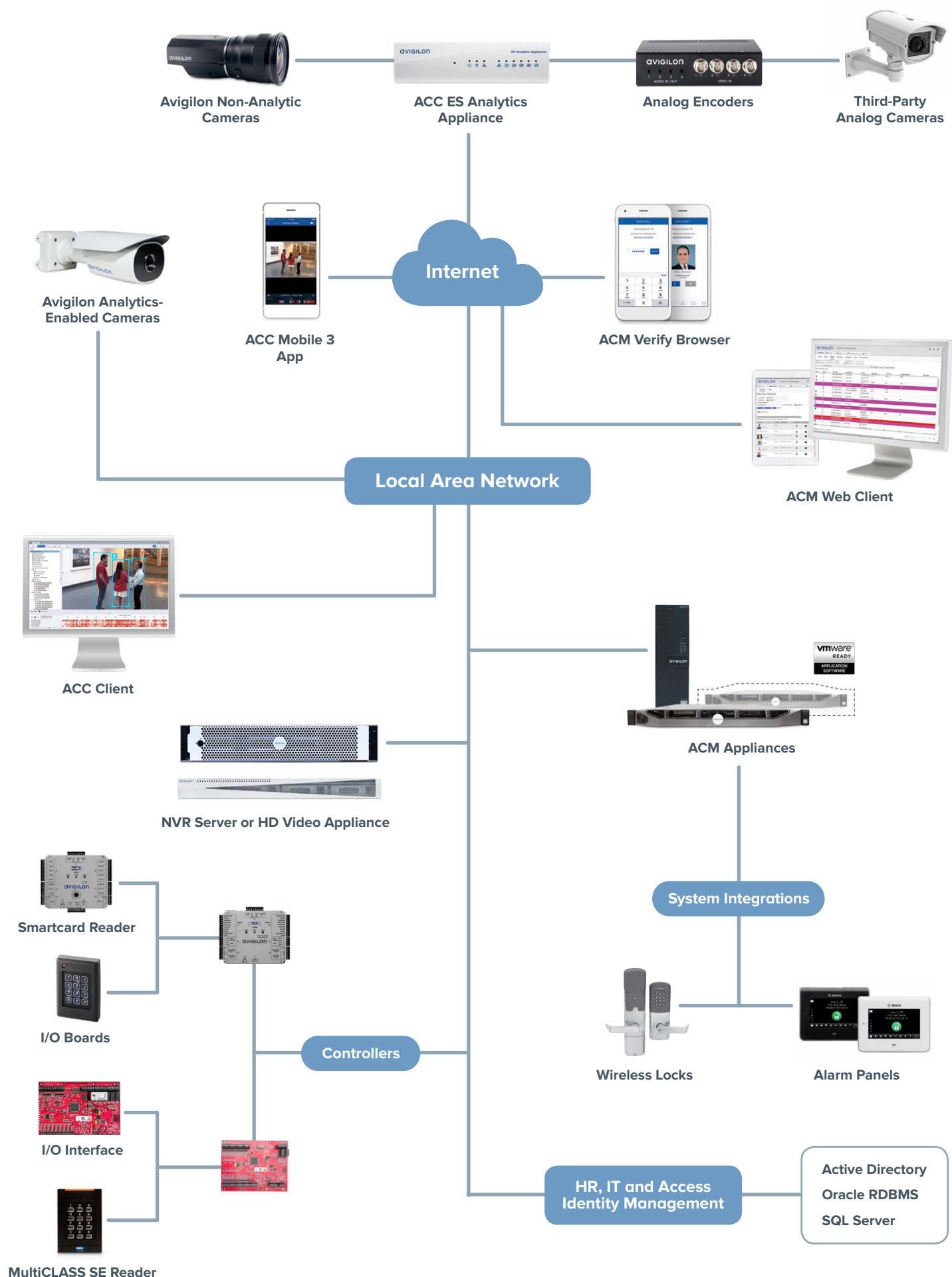
- Quick online license management
- Global anti-passback, linkages and actions
- Email notification
- Event and alarm management
- Identity search, import/export and management
- Panel and door status and priority door action
- Preconfigured and custom reports
- Timed access (temporary cardholder authorization)
- Firmware updates
- OSDP In/Out reader support
- Backup and restore
- Migration from ACM Embedded Controller
- Mercury and HID® hardware interoperability
- Graphic maps and muster dashboard
- Photo import/export
- Badging
- Support for Mercury Security M5 & MS bridge, PoE hardware, panel certificates, and large encoded card formats
- Multi-language interface
- System configuration templates for doors, wiring, input, output and readers, to enable quick Batch Add setup

| EDITION                     | Professional                  | Enterprise                     | Enterprise Plus               | Virtual                       |
|-----------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|
| Appliance Type              | Small form-factor desktop     | 1U rack-mount chassis          |                               | VMware vSphere® ESX(i) 4–6.x* |
| Card Readers                | 16 – 32                       | 16 – 400                       | 256 – 2048                    | 16 – 2048                     |
| Max. Simultaneous Operators | 10                            | 20                             | 50                            |                               |
| Max. Identities             | 75,000                        | 250,000                        | 500,000                       |                               |
| Max. Stored Transactions    | 75,000,000                    | 150,000,000                    |                               |                               |
| Storage (RAID type)         | 500 HDD (n/a)                 | 1 TB HDD (n/a)                 | 1.3 TB SSD (RAID 5)           | 1 TB SSD*                     |
| Processor                   | 3.7 GHz Intel® Pentium® G5400 | 3.0 GHz Intel Xeon® E3-1220 v5 | 3.8 GHz Intel Xeon E3-1270 v6 | 3.8 GHz Intel Xeon            |
| Memory                      | 4 GB (1 x 4 GB)               | 4 GB (1 x 4 GB)                | 32 GB (2 x 16 GB)             | 32 GB*                        |
| Network Interface           | 1 Gb Ethernet Intel           | 1 Gb Ethernet Broadcom 5720    |                               | 1 Gb Ethernet*                |
| Replication                 | ✕                             | ✓                              |                               |                               |
| Hot Standby Auto Failover   | ✕                             | ✓                              |                               |                               |
| Hot-Swap Components         | ✕                             | ✓                              |                               | ✕                             |
| Redundant Power Supply      | ✕                             | ✓                              |                               | ✕                             |

\* System recommendations.



# Integrated Video Security & Access Control Architecture



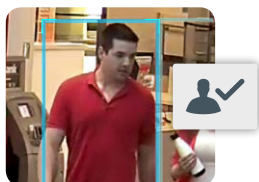
# ACM System Integrations

ACM System Integrations enable the creation of a flexible and tightly integrated security platform. The advanced programming interface provides a secure communications path that combines your PACS with third-party video, biometric, intrusion panel, visitor, and locking solutions, and helps keep your people, property, and assets safe.



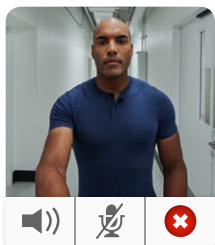
## Video Security

### Interoperability Between ACC Software and ACM System



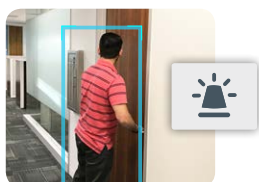
#### Review ACM Door Events & Credentials

ACC software receives, processes and acts on ACM door events and hardware input events. Identity Verification feature dynamically displays ACM credentials with ACC camera views, allowing you to remotely grant door access. Identity Search corresponds ACM credentials with Avigilon Appearance Search™ results, offering a new way to locate individuals across an entire site or multiple sites connected to the same ACC Client.



#### H4 Video Intercom Support

The H4 Video Intercom enables operators to monitor and control access at entry points through two-way audio communication, video verification and the ability to send an ACM door grant through ACC software.



#### Bi-Directional Alarm Management

ACC alarms work together with ACM alarms including panel/sub-panel, input/output, identity and door-related events, allowing you to acknowledge them through either ACM or ACC. The Alarm Gateway Service can be configured according to project requirements.

Images and user interfaces have been simulated for illustrative purposes.



## Biometrics

The ACM system integration leverages the VIRDI solution to add biometric authentication to restricted locations and areas requiring a high level of security.

### Enroll and Manage Biometric Identities

Set up biometric identities directly from ACM software through our integration with the VIRDI Biometrics Enrollment Manager interface — simply connect the USB enrollment reader to any client machine. VIRDI Biometrics Enrollment Manager needs to be installed on a compatible windows client machine with network access to the ACM appliance.



**VIRDI Enrollment USB Fingerprint Reader**

AC-VT-READ-BIO-USB-FOH02-SC

[LEARN MORE](#)

[CREDENTIALS & READERS](#)

[P35](#)



## Intrusion Panels

Optimize the value of access control by monitoring and controlling Bosch intrusion panels from the ACM system. This integration brings increased security, improved accuracy and visual verification of alerts. Incorporating an integrated system enables users to monitor intrusion and access events from a single location.

From there, they can arm and disarm panels by area, set up and assign passcode groups to identities, configure the system to send access events to the central monitoring service and more.

### Integration Benefits

- Faster response due to increased situational awareness
- Quicker verification of intrusion events via live video triggers
- Increased security and convenience with intrusion area control
- Anywhere/anytime availability from internet-enabled mobile devices
- No additional access hardware or wiring required — connects to IP networks



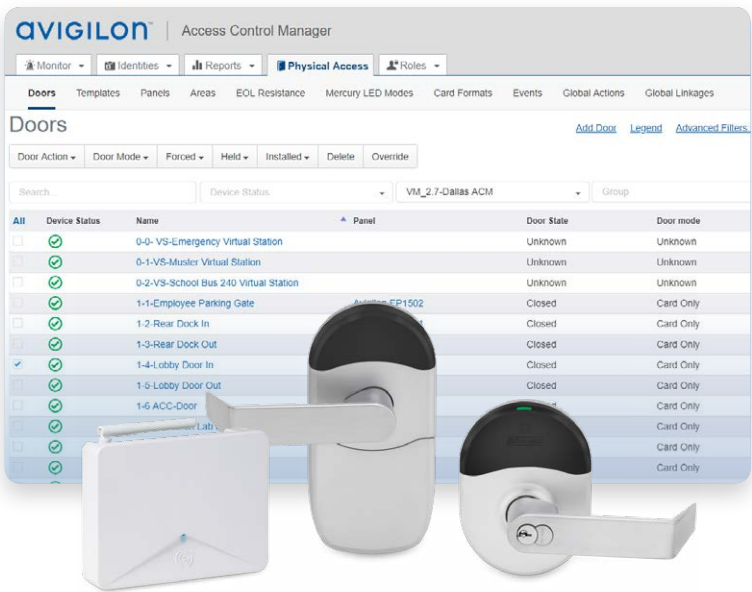
## Visitor Management

EasyLobby® software from HID Global provides a secure and professional all-in-one visitor management system. Map custom fields and roles in ACM for easy visitor check-in, enabling your operation to run efficiently while protecting the security of your business.

# Wireless Locks

Get the benefits of a wired installation, without the complexity and cost of traditional wired locks.

Wireless lock integration is an excellent solution for educational facilities, healthcare offices, hospitals, commercial businesses or any application that wants to combine all of the components typically found around the door into a simplified all-in-one system.



## FEATURES

|                              |   |
|------------------------------|---|
| Reduced Hardware Costs       | Reduce the cost and complexity of added hardware by connecting the Mercury controller directly to the panel interface module, gateway or communications hub for a secure wireless path to the lock.               |
| Modular Design               | Flexibility to customize the lock to meet the needs of the application now, and purpose-built to allow for customizing the lock rather than replacing it in the future, with little to no operational disruption. |
| Increased Security           | Turn any keyed door or sensitive area into a monitored access door to improve security in and around facilities.  |
| Flexible Lock Configurations | Ability to customize the reader type, chassis type, locking functions, power options, lever styles, finishes and more according to the needs of the application.  |

## Allegion™ AD-400 & AD-300 Solution

AD Series electronic locks from Schlage® are designed to be modular and provide more options to choose from, more functionality in the lock and more compatibility with existing systems. Its patent-pending modular design allows the lock to be customized to fit the needs of an application now and be changed to meet future needs without removing it from the door.

## Allegion NDE Solution

NDE Series wireless locks with ENGAGE™ technology from Allegion are designed to be easy to install, connect, use and manage with the ACM system. Developed specifically for facilities that want to upgrade to electronic credentials for improved security and efficiency, NDE Series locks are ideal for use on interior office doors, common area doors and sensitive storage spaces with a cylindrical door preparation.

## Allegion LE Series

Managed with ACM system from Avigilon, the Schlage LE wireless mortise lock with ENGAGE technology is designed to affordably extend electronic access control deeper into the building beyond traditional perimeter and high security openings.

## ASSA ABLOY Aperio Solution

The Avigilon ACM system utilizes ASSA ABLOY Aperio® Wireless Technology to reduce the cost and inconvenience of wiring in and around the access door. The Aperio solution can support a wide-range of applications, including interior office room doors, server room cabinets and storage lockers, glass, stone or brick entryways, slim aluminum entry doors and more.





# Open-Field Hardware

## Credentials & Readers

ACM Biometric Access Integration leverages the VIRDI solution to add biometric authentication to restricted locations and areas requiring a high level of security. Operators can easily set up and enroll biometric identities directly from the ACM software through integration with the VIRDI Biometrics Enrollment Manager interface.

### Detect Fingerprints at Secure Access Points

Using human capacitance, infrared light and advanced algorithms, VIRDI fingerprint sensors are designed to quickly and accurately detect fingerprints and discern fake biometric attempts.

VIRDI UNIS Software needs to be installed on a compatible windows server with network access to the Avigilon ACM appliance



#### VIRDI IP65 Fingerprint Smartcard Reader with Keypad

AC-VT-READ-BIO-RFID AC5000SC-BLK

#### VIRDI IP65 Fingerprint Smartcard Reader

AC-VT-READ-BIO-RFID-AC2000SC

### Avigilon Credentials

A multipurpose credential from Avigilon. The HID iCLASS SE® cards are designed specifically for Avigilon access control systems. With an advanced 56-bit Avigilon format, these cards provide multiple levels of security to keep your people, property and assets safe.

#### Avigilon iCLASS SE Cards

AC-HID-CARD-ICLASS-SE-3000-AVG

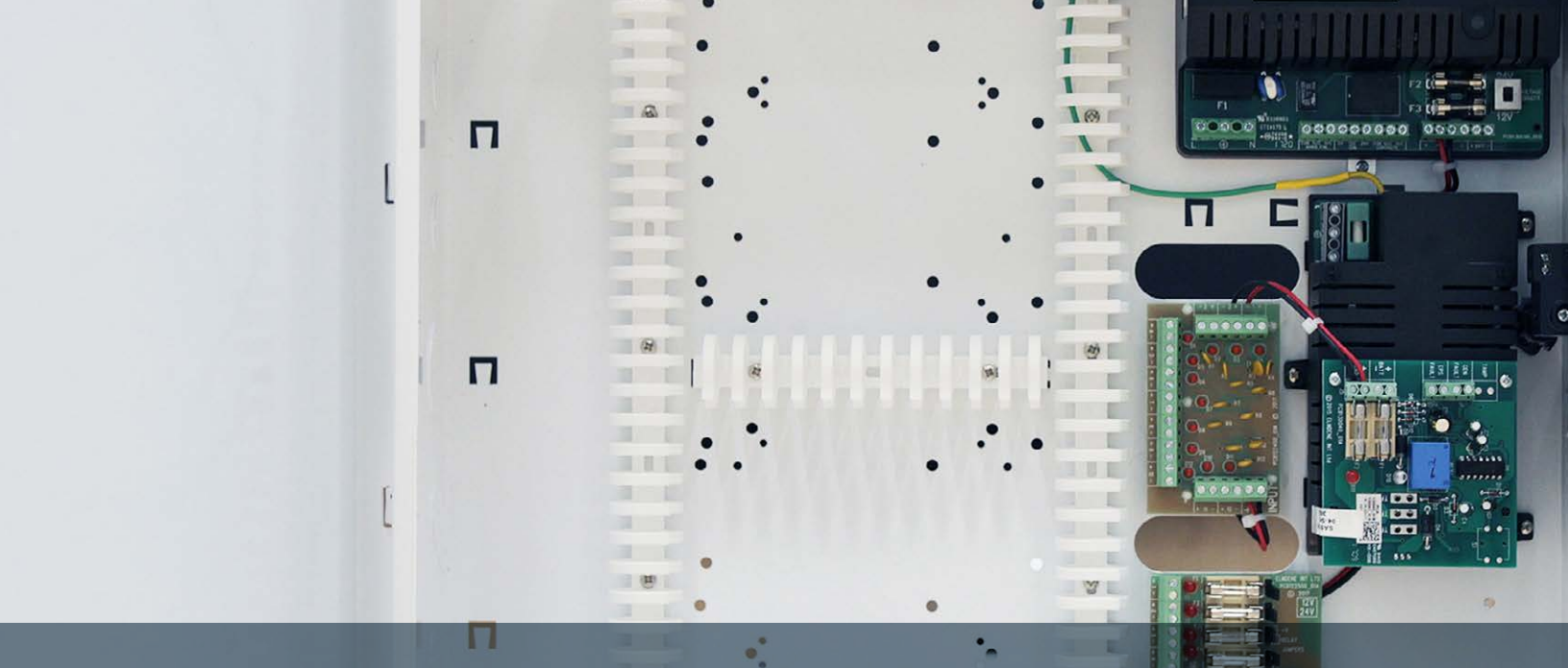
### Avigilon SE R10 Card Reader

A multipurpose card reader from Avigilon. The HID iCLASS SE® readers help keep security at the forefront by utilizing the latest authentication through the Secure Identity Object (SIO) data model for trusted and secure communications.

#### iCLASS SE10

AC-HID-READ-ICLASS-SE-R10-AVG





## Controllers & Sub-Panels

One way to protect and future-proof your ACM investment is by using hardware from leading manufacturers such as Mercury Security and HID Global. With hardware options for small to enterprise level systems, deploying and managing your ACM system has never been more intuitive and flexible as it is today. Installations will further benefit from a wide selection of hardware that will provide the features needed for most project requirements.

### Mercury Security

#### Controllers, interface modules and I/O modules

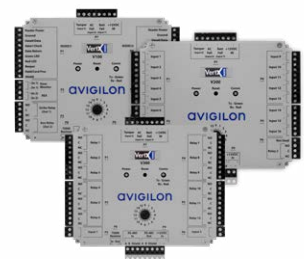
Mercury Security focuses on supplying OEM hardware for access control. With more than 2.5 million control panels in operation, Mercury is one of the top players in the market. Avigilon is a Platinum Elite Mercury Partner and offers Mercury controllers, interface modules and I/O modules as part of our Access Control Manager solution.



### HID Global

#### Controllers, interface modules and I/O modules

HID Global is a trusted leader in solutions for creation, management and use of secure identities for millions of customers worldwide. Avigilon is a Platinum HID® Partner and offers HID VertX EVO® controllers and HID VertX® interface and I/O modules as part of our Access Control Manager solution.



## Power Supplies & Enclosures

The Avigilon power enclosure from LifeSafety Power includes all the power needed for four, eight and 16-door applications. These enclosures are specifically designed to house Mercury Security and HID VertX® access boards and also includes a separate 24 volt DC circuit that provides lock power within the same enclosure, saving the cost of added hardware and installation time.



**ENGAGE RS485 Gateway**

AC-ALL-SCH-GWY-ENGAGE\*  
ENGAGE gateway



**NDE Series Locks**

Custom lock  
options available



**LE Series Locks**

Custom lock  
options available



**HHD Programming Kit**

AC-ALL-SCH-HHD-KIT-USB  
Handheld device kit to  
program the Schlage locks  
and PIM devices



**Schlage PIM400-485**

AC-ALL-SCH-PIM400-485-RSI\*  
900 MHz PIM for use with  
the Mercury EP2500  
intelligent controller



**Schlage PIM400-1501**

AC-ALL-SCH-PIM400-1501-LC\*  
900 MHz PIM for use with  
the Mercury EP1501 PoE  
intelligent controller



**AD-400 Series Locks**

Custom lock  
options  
available



**AD-300 Series Locks**

Custom lock  
options  
available

**ASSA ABLOY**  
The global leader in  
door opening solutions



**Aperio RS485 Hub**

AC-MER-AH30RN1-RC\*  
Aperio RS485 hub 1:8 with  
RC enablement SW



**Aperio USB Radio Dongle**

AC-MER-APD-10-USB  
Aperio USB radio dongle



**Aperio Series Locks from Avigilon**

AC-AA-HUB-EXT-10-ANT  
Aperio hub external omni-directional antenna  
Custom lock options available



**AC-MER-CONT-LP1501**

PoE+ edge-capable intelligent controller  
(2 readers, 2 inputs, 2 outputs)



**AC-MER-CONT-LP1502**

Intelligent controller  
(2 readers, 8 inputs, 4 outputs)



**AC-MER-CONT-LP2500**

Master intelligent controller  
(No onboard I/O)



**AC-MER-CONT-LP4502**

Intelligent Controller, Linux Based with 2 doors,  
8 inputs and 4 outputs, expandable up to 64 doors

\* Does not include Mercury hardware from Avigilon.

# ACM Embedded Controller

## Simplified Entry-Level Access Control

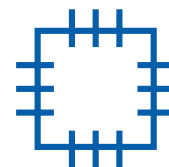
### Simplified Entry-Level Access Control

The ACM Embedded Controller access system is browser-based and designed for securing up to 16 access doors. This solution uses open-field hardware from HID Global combined with factory-installed software from Avigilon that aligns with the needs of small and medium sized businesses.

Most access systems connect to a physical server optimized for installations requiring a high number of doors, tens of thousands of cardholders and enough room for large amounts of transactional storage. This translates to greater system costs even for smaller projects that don't require all that processing power.

#### FEATURES

|  |   |
|--|---|
| <b>Manage from Browser-Based Devices</b> | The familiar interface helps make it quick to learn and understand using any mobile device or PC with an internet connection.   |
| <b>Email Notification</b>                | Flexibility to customize the lock to meet the needs of the application now, and purpose-built to allow for customizing the lock rather than replacing it in the future, with little to no operational disruption. |
| <b>Flexible I/O Linking</b>              | Turn any keyed door or sensitive area into a monitored access door to improve security in and around facilities.  |
| <b>Cardholder Import/Export</b>          | A convenient way to migrate system cardholders.   |
| <b>Card Formats</b>                      | 26-bit Wiegand, 34-bit Wiegand, 37-bit HID 10304, 56-bit Avigilon   |
| <b>Bundled Kits</b>                      | With only three part numbers to remember, ordering is easy and convenient.  |
| <b>Database Backup</b>                   | Easily backup configuration and transactional data over a web browser, saving you valuable time.  |
| <b>Compatible Hardware</b>               | HID VertX® V100 (Door/reader interface), V200 (Input monitor interface) and V300 (Output monitor interface)   |
| <b>Easy Migration</b>                    | As your company grows, the system grows with you. We make the transition to the ACM Professional system easy with a simplified migration path.  |





## Bundled Kits



**ACM Embedded Controller Four-Door Kit\***

AC-HID-LSP-ACMEC-KIT4



**ACM Embedded Controller Eight-Door Kit\***

AC-HID-LSP-ACMEC-KIT8



**ACM Embedded Controller 16-Door Kit\***

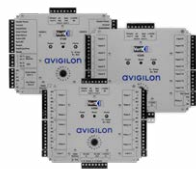
AC-HID-LSP-ACMEC-KIT16

## Accessories



**ACM Embedded Controller Board**

AC-HID-ACMEC



**Avigilon HID® Interface Monitors**

Door/reader, input & output  
AC-HID-VERTEX-V100  
AC-HID-VERTEX-V200  
AC-HID-VERTEX-V300



**Avigilon Credentials**

AC-HID-CARD-ICLASS-SE-3000-AVG



**Avigilon SE R10 Card Reader**

AC-HID-READ-ICLASS-SE-R10-AVG



**Avigilon Power Enclosure**

Door enclosures  
AC-LSP-4DR-HID-LCK  
AC-LSP-8DR-HID-LCK  
AC-LSP-16DR-HID-LCK

## Engineered Solutions for Enterprise Class Businesses

Avigilon solutions are engineered from the ground up with exceptional IT standards that easily integrate with an organization's existing physical or virtual IT environment. Avigilon is committed to providing the ease-of-use demanded by facility managers and the flexibility required by IT departments.

### Supported Access Control Solutions

Mercury Security  
HID Global  
ASSA ABLOY  
Allegion  
Farpointe Data®  
EasyLobby® by HID®  
LifeSafety Power  
ViRDI Biometrics  
Simons Voss

### Supported Third-Party Databases

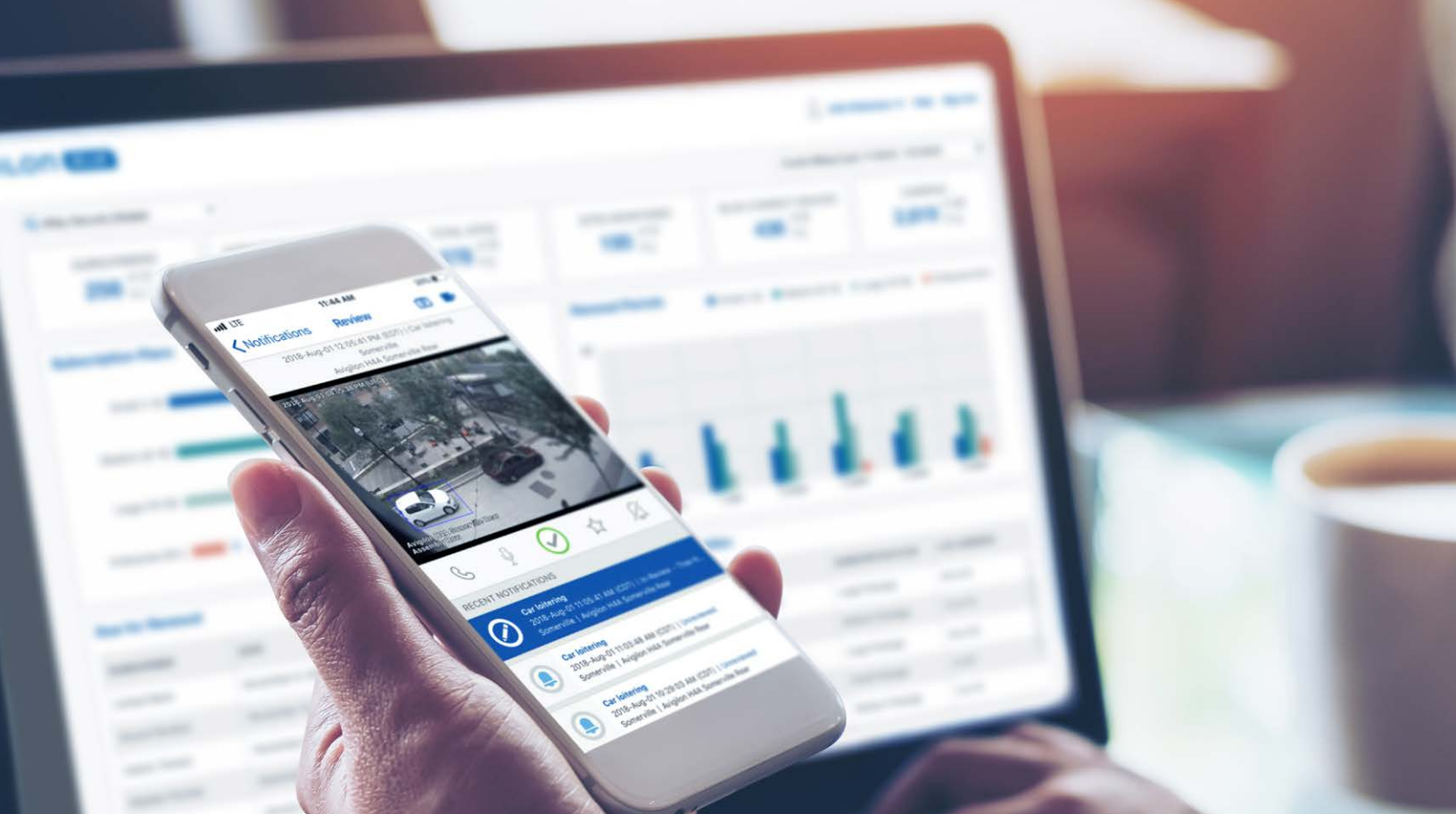
LDAP  
Active Directory  
SQL Server  
Oracle® RDBMS  
Comma Separated Value  
XML (Event push)

### Supported IT Platforms

Linux  
OpenLDAP™  
Certified VMware Ready  
Firefox®  
Google™ Chrome  
Apple Safari  
Microsoft EDGE

### Supported Video Integration Solutions

ACC Software  
Milestone Systems  
Salient Systems  
Exacq Technologies by Tyco Security  
Dedicated Micros



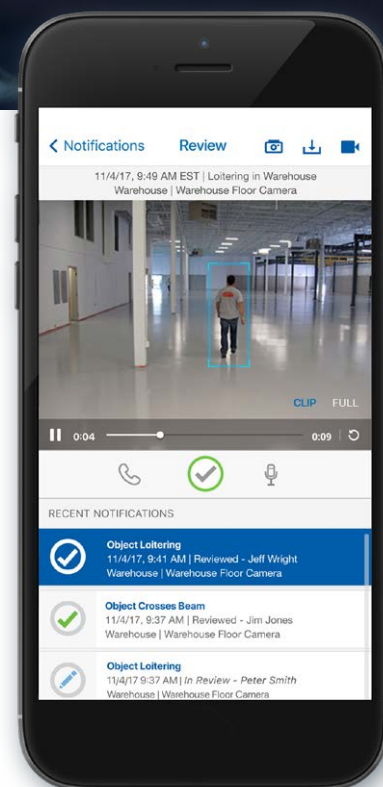
# Video Security as a Service

Cloud-Based Services with Benefits for Both Integrators and End-Users

## AVIGILON BLUE™

Avigilon Blue is a video security as a service (VSaaS) solution that leverages a subscription-based cloud service platform. It combines on-premise recording, video archiving, and self-learning video analytics technology with cloud management to help customers monitor and manage more sites with fewer resources.

Customers can efficiently manage multiple locations and cameras from a central location or from mobile devices to quickly detect, verify and act on suspicious events, or leverage professional video monitoring by a third-party service.



Images and user interfaces have been simulated for illustrative purposes.

\* The Avigilon Blue platform is only available in the United States, Canada, Australia and New Zealand and is expected to be launching in the United Kingdom in 2019.




# Avigilon Blue Connect Device


On-premise, quick-to-deploy device with 30-day onsite video retention and support for Avigilon cameras, third-party ONVIF compliant cameras and analog video encoders.




| Model                         | 16-Channel | 8-Port   | 4-Channel |
|-------------------------------|------------|----------|-----------|
| Self-Learning Video Analytics |            | ✓        |           |
| Recording Rate                | 196 Mbps   | 130 Mbps | 50 Mbps   |
| On-Board Storage              | 12 TB      | 8 TB     | 1 TB      |
| Stream-Out Rate               | 120 Mbps   | 50 Mbps  | 50 Mbps   |
| PoE Ports                     | —          | 8        | —         |
| Uplink Ports                  | 2 x 1 Gbe  |          |           |


## Adding Value, Convenience and Analytics Technology


- 

**Patented Avigilon Self-Learning Video Analytics**  
Technology that works with almost any IP camera already installed on site, to recognize threats with greater accuracy.
- 

**Quick Video Verification**  
With easy and secure access to video via the Avigilon Blue Mobile app or a desktop browser, users can verify video clips instantly on site or remotely.
- 

**Monthly Subscription Costs**  
Helping provide a recurring monthly revenue opportunity for Partners, while end-users enjoy the peace of mind of predictable fees for video security services.

- 

**Remote Health Monitoring and Maintenance**  
Enables remote diagnosis of server and camera status, and allows system upgrades and new features to be pushed directly from the cloud, saving valuable time and resources.
- 

**Professional Monitoring Services**  
Provides flexible security by allowing businesses to monitor their own security operations or enable third-party remote video monitoring service providers to monitor their sites.





Technical Support &  
Documentation

[avigilon.com/support](http://avigilon.com/support)



Product Videos &  
Tutorials

[youtube.com/avigilon](http://youtube.com/avigilon)



Online Training

[training.avigilon.com](http://training.avigilon.com)



## North American Manufacturing\*

Avigilon is proud to manufacture trusted security solutions, with Canadian and American expertise and globally sourced materials, at our state-of-the-art facilities in Richmond, British Columbia, and Plano, Texas. By manufacturing in North America\*, we provide a level of quality our customers can trust, while being able to accelerate the speed at which we can go from innovation to providing products directly to global markets.



## Exceptional Customer Service

Avigilon provides extensive customer service and 24/7 technical support by phone or online chat for installed hardware and software. Advance replacement is available for products under warranty and we offer hassle-free returns under our return policy to ensure you are satisfied with your Avigilon solutions.

\*With manufacturing facilities in both the United States and Canada, our "manufactured in North America" claim only applies to products from our Plano, Texas facility and our Richmond, British Columbia facility.







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