



# APPLIED AUDIO VIDEO



## CATALOGUE OF SERVICES

Updated for 2024

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# About Us

Applied Audio Video began in 2005 with the goal of providing a one stop shop for security and access control needs as well as promptly servicing your systems.

**Service First is more than just our motto**, it is how we do business. Our service technicians have spent many years in the field and have worked with almost every brand of equipment. Techs are empowered to consult with you on your problem, offer the sale of required equipment for the repair, and to make any decisions to guarantee your satisfaction every time, period. Every team member at Applied understands that service is our #1 priority. If we perform a service call and cannot fix or offer a valid solution, you pay nothing. Our on-site service rates are the most competitive in the region.



## Rates

On-site: \$110 hourly per technician – 8am to 5pm

Emergency Service: \$165 hourly - 5pm to 7am, weekends

System maintenance and cleaning as low as \$995

Service agreements and negotiated rates available.

# Brands We Support

## Video

AVIGILON™ exacqVision™ Hanwha

VITEK® PELCO®

## Access Control

AIPHONE® IDenticard® POWERED BY PDC LENEL•S2

pdk™ ZKTeco

## Openings

ALLEGION™ ALVARADO dormakaba Group LiftMaster

NABCO NORTON RIXSON ASSA ABLOY SELECT HINGES™

## Communications

Code Blue® MOTOROLA SOLUTIONS SecureTech Systems, Inc.

# Video Surveillance

Protect and secure your building or other site with an Avigilon video surveillance system. Applied Audio Video can install and integrate either an on-premises system (Avigilon Unity) or a cloud-based system (Avigilon Alta Cloud). Many different types of cameras are available for your specific needs; we can help you choose which cameras are right for you.



## Avigilon Cameras

Avigilon is the industry leader in security cameras and associated software/technology. These cameras are equipped with analytics, allowing you to find exactly what you need within the recorded footage without watching hours of it. The camera itself will mark incidents such as a person walking by, a car driving, or any other motion it detects, allowing you to easily find what you need. The cameras are constantly scanning, analyzing, and learning from their environment. There is no limit to the number of cameras you can integrate with an Avigilon system, so you can be sure it will last a lifetime.

## Types of Cameras

### Panoramic (Fisheye)

views 360 degrees around a single vantage point. Known for being low profile and unobtrusive. For indoor use. Fisheye cameras are a budget friendly option due to their ability to cover a larger area with only one camera. These cameras also do not have a blind spot that would need to be supplemented with another camera. Fisheye cameras have multiple mounting options as well to fit your needs, including both in-ceiling and surface mounting.



### PTZ (pan, tilt and zoom cameras)

These cameras can cover large areas with a single unit. Great for indoor or outdoor use. PTZ cameras can also provide evidentiary footage with their high resolution.

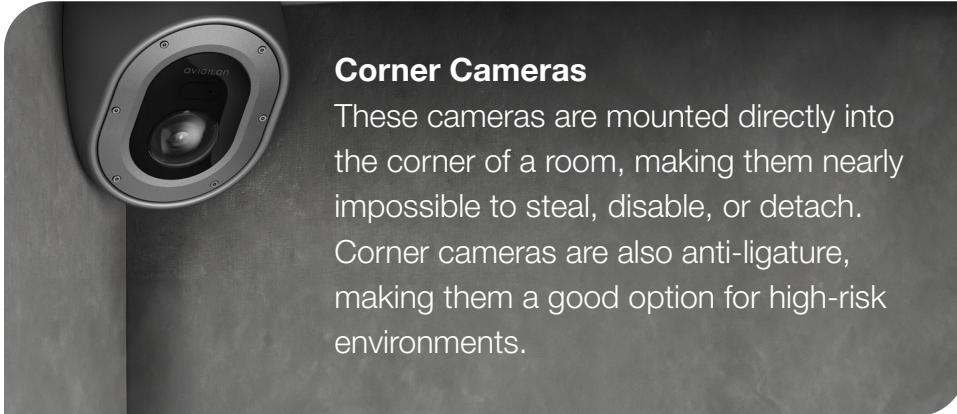
### Multi-head cameras

These cameras provide coverage of up to four adjacent areas, good for high-contrast lighting. Each camera head moves independently of the others and can be set to view four different areas of a room, for example. Available in both 3 and 4-head configurations.





## Types of Cameras (continued)



### Corner Cameras

These cameras are mounted directly into the corner of a room, making them nearly impossible to steal, disable, or detach.

Corner cameras are also anti-ligature, making them a good option for high-risk environments.

## Questions to ask when choosing your cameras:

- How large of an area do I need to cover?
- Will the cameras be mounted indoors or outdoors?
- What level of detail do the cameras need to be able to see?
- Will the cameras be mounted in an environment where there is risk of damage, detachment, or otherwise disabling the camera?



## Avigilon On Premesis Video Security

Avigilon Unity is a highly customizable video surveillance system that allows one to centrally manage sites, users, and access to recorded footage.

Locate people and vehicles and view live or recorded footage on a user-friendly interface.

Avigilon Unity is supported by a local server which houses all relevant data and past recordings.

Your server can also be set up for remote control and viewing. Always enjoy full control and oversight of your system.

## Avigilon Alta Cloud

Avigilon Alta Cloud is a new way to manage your security system without a local server. Your data will be stored in the cloud, which prevents loss, theft, and damage to your system. Alta Cloud allows you to monitor any site 24/7 from any location. Existing Avigilon cameras can be connected with Alta to enable cloud capabilities as well.

With Avigilon Alta Cloud, you will not need an IT team to manage your system, it is managed by a hosting company which ensures predictable costs.

No more storage concerns — enjoy infinite storage on the cloud. Avigilon Alta Cloud also allows for clients to utilize mobile credentials — gain access to sites without holding a physical key. No more worries about losing a keycard, everything can be done from your phone.

# Access Control

Decide who goes where and when in your building or on your site with an easy to use, reliable, and comprehensive access control system. Minimize risks by controlling access.

## S2 Network Access Control



NetBox is a user-friendly, adaptable and flexible access control system accessible from any device that has internet access.

NetBox can be integrated with existing infrastructure and is compatible with a variety of third-party products.

Full featured access control system gives you the ability to monitor events, manage cardholders and access to your building, and maintain detailed personnel records.

NetBox is fast and reliable and can easily be scaled up as your business grows.

## S2 Elements Cloud

The Elements Cloud, a new offering from S2, is a unified security system that allows you to simplify setup, ensure predictable costs, and manage your system with fewer resources.

Your information is available at any time from anywhere: you can remotely grant access, lock doors, and view video surveillance. The Elements Cloud also supports mobile credentials— no more losing or sharing physical keycards.

# Intercoms

Security starts at your front door with an intercom system that allows you to speak to someone without permitting them access to your building.

## Video Intercoms

Aiphone Video Intercoms allow you to control access to your building without going all the way to the door. With a video intercom you can speak to someone at the door, see



them on the screen, and decide whether or not to unlock the door—which can also be done on the intercom. These intercoms can also be linked with your mobile phone, depending on the version you choose.

## Audio-Only Intercoms



Buzz people into your building or site with an intercom system. Intercoms allow you to speak with someone at your door before letting them inside. Screening visitors is a good way to reduce the risk of incidents occurring such as vandalism or theft. Intercoms also give a better understanding of who is coming and going from your building or site each day.

# Emergency Communications

## Code Blue Emergency Call Boxes



You may have seen Code Blue units on university or college campuses, at transit stops, parks and recreation areas, airports, and shopping centers. These call boxes work to alert security, police, first responders or a combination of these in the event of an emergency and can be used by anyone with the press of a button.

Code Blue is the industry leader in emergency call boxes with the most products and features. They are vandal resistant as well as ADA compliant. High-profile, highly visible units provide a greater sense of security among students, employees, customers, and residents.

AAV can install and service all Code Blue units and can offer upgrades as well.

## Wave Plus Critical Incident Notification System

The WAVE plus critical incident notification system from SecureTech Wireless is an on-site panic button system that is useful for large commercial buildings such as hospitals. The WAVE plus system instantly transmits detailed information about an occurring incident over the two-way radios utilized by law enforcement and security officers.

No waiting to get through to first responders, no need to explain what is happening and expend valuable time in the event of an emergency. Panic buttons can be physical or can be set up on your computer for ease of access. Pressing a panic button will immediately trigger lockdown of your access control system. The WAVE plus system can also notify personnel of an emergency through text or email, broadcast an alarm/recorded message over the PA system, and switch on strobe lights or sirens.

## Rave Solutions

RAVE solutions consists of both RAVE alerts and RAVE panic buttons. If you attended college or university recently, you may be familiar with the mass notification technology of RAVE alerts.



RAVE panic buttons allow you to instantly notify first responders of an emergency or incident, cutting down on their response time. After emergency services has been contacted, you can use the RAVE alerts system to send a mass email, text, or other notification to groups that need to be aware of the incident. RAVE alerts allow you to communicate urgent messages with a large group of people with a few clicks of your mouse. Your RAVE panic button can also be integrated with RAVE alerts using Motorola Orchestrate, which removes any need for the software to be managed: as soon as someone presses a panic button, Orchestrate knows to alert any list of people you compile.



## Door Hardware

Get the most out of your access control system with integrated door hardware such as electronic strikes.

### Electronic Strikes



Electronic strikes carry out the commands sent by your access control system. Electronic strikes can be used on doors or gates and are compatible with most door configurations. The handle of the door does not turn, meaning the door can only be opened when unlocked.

### Crash Bars

Crash bars are a spring-loaded door opening mechanism that increases safety in the event of an emergency. Generally installed on exit doors, crash bars allow people to leave the building quickly by pressing down on the bar. Crash bars may be used even when not required by code and can be fitted with alarms for emergency use only.



### Mag Locks



Maglocks, or magnetic locks, are a solution for doors that are not compatible with other hardware such as an electronic strike. Maglocks are suitable for full glass doors and are utilized for doors that experience extreme temperatures.

## Power Openings

Automatic door openings can be utilized on any type of door: swinging, sliding, and revolving; as well as gates. These automated openings are helpful in buildings with high foot traffic and can be paired with your access control system.

### Door Openers - Closers



Increase accessibility to your building or site with automatic doors. AAV can install a door opener, which comes with an automatic closer; we can also install an automatic closer with

no opener. Automatic door openers help reduce the risk of unauthorized access to your building when linked with your access control system. These can also be installed as a handicap entrance or exit.

### Gates - Slide and Swing

Electronic gate operators are useful for clients who have sites they want to secure with a high amount of vehicle traffic. Gate operators can be linked to your



access control system so that everyone who comes through must show credentials for the gate to open. The gate operator can also be set up to simply let someone through when they approach slowly. Awareness of what vehicles are entering and leaving your site helps mitigate risk and increase safety.

### Gates - Barrier Arm



Barrier arm gates can help prevent tailgating on your chosen site—when one vehicle follows closely behind another to attempt to gain access. The

barrier arm opens when a vehicle approaches and close again after it passes, keeping your site secure. These gates can be installed in parking garages, apartment complexes, and other sites with high vehicle traffic and restricted access. Barrier arm gates may also be integrated with your access control system, allowing you to require credentials be shown before the gate opens.

### Turnstiles

AAV can install and integrate both full-height and waist-high turnstiles that work with your access control system to allow one person entry at a time. This ensures safety and security by recording who enters and exits the building, and security guards can be stationed near these turnstiles if needed. Turnstiles can be installed in the interior of a building or along a fence.



**Running fiber-optic cable is a good option for customers who have large sites or campuses where buildings need to be interconnected, especially if there is a lot of space between them.**

Existing cameras and access control switches can be connected to each other using fiber-optic cable, allowing you to create a central hub building for controlling your security system. Fiber-optic cable has also become more cost-effective recently, making it almost the same cost as copper wiring. Fiber-optic cable will help unify your operations by connecting workspaces, surveillance devices, access control, alarm systems, etc.

Fiber-optic cable is energy-efficient, safe, and will not interfere with other equipment. It is also easy to scale and expand as your business grows. Network upgrades can be done without expensive re-cabling. Tampering with fiber-optics is more easily detected than with copper wiring because no energy escapes the cable coating.





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