CAPTURE IT WITH CLARITY

CRITICAL INFRASTRUCTURE

avigilon
THE BEST EVIDENCE™

Avigilon's end-to-end high-definition surveillance solutions provide unprecedented image detail to ensure first-class protection of critical infrastructure projects. Our broad range of megapixel cameras provide the coverage and image detail needed to monitor large and diverse areas, while our easy-to-use Avigilon Control Center software lets you search through hours of footage in seconds. Let the unparalleled image detail of Avigilon's high-definition solutions help keep your infrastructure safe and secure.

We've got you covered

Reduce investigation times

The advanced search and zoom capabilities of Avigilon Control Center software make finding suspicious behavior quick and easy. With the fastest search in the industry, staff will be able to search through days of high-definition footage in just seconds, helping to reduce investigation times and ensure a more secure facility.

Cover vast areas

With the industry's broadest range of megapixel cameras, you'll get the detail that you need to cover greater area with fewer cameras, while delivering high-definition detail to accurately identify unauthorized access at critical points around facility perimeters.

Operator-controlled tracking

Avigilon's HD PTZ cameras offer unsurpassed image quality with precise positioning and predictable high-speed tracking. Get 360° continuous rotation with near-zero latency to ensure operators can accurately track moving objects to keep perimeters secured.

Designed with openness in mind

The open architecture of Avigilon's system offers seamless integration with existing security infrastructure, including access control and alarm notifications, allowing for the easy management of your entire system from one single interface.

Avigilon Control Center

Easy-to-use software

The easy-to-use Avigilon Control Centre (ACC) software keeps staff training costs low and helps speed up investigation times for local authorities. You'll be able to react to undesired behavior faster, and act quickly on recovery plans in case of a natural disaster or if a sabotage occurs.

Open platform

The open architecture of ACC gives you the ability to easily integrate with components from your existing system. Connect seamlessly with access control systems to monitor staff entrances and exits, or integrate with mass notification systems to ensure real-time alarm messaging to all members of your security team.

Monitor areas on the go

Got mobile staff in various locations throughout your site? Avigilon's ACC Mobile application lets security staff connect to your Avigilon network remotely over any wireless connection on their Apple or Android device. Quicker access to footage means faster response times and more continuous monitoring, even when on the move.

High-Definition Stream Management™

Delivering high-definition surveillance video can be taxing on bandwidth and storage. That's not the case with Avigilon, thanks to our proprietary High-Definition Stream Management™ (HDSM™) technology. HDSM intelligently manages bandwidth and storage so you can search through hours of HD footage in just seconds. Security personnel can find what they're looking for, faster, leading to quicker response times, reduced investigation times and superior overall protection for your critical infrastructure environment.

Digital encoder

Avigilon's H.264 digital encoder is the most cost-effective way to migrate your existing analog system to a network-based IP-system. You'll get the benefits of a digital system without wasting the investment in your current analog arrangement, allowing you to migrate to a fully digital system when you're ready.

High-definition megapixel cameras

A camera for every scenario

Avigilon cameras offer the industry's broadest range of coverage - from 1 MP to 29 MP - so you'll always have the right camera for your large scale project, with unmatched image detail.

Whether it's an intruder at a perimeter entrance, a natural catastrophe or a critical system failure, our cameras can provide greater coverage with incredible detail, with fewer cameras than ever before.

HD DOME CAMERAS
Ideal for detailed coverage of doorways, gates and entrances, with both indoor and outdoor options.

HD PRO CAMERAS
With up to 29 MP resolution you'll be able to obtain full situational awareness for your large-scale projects and infrastructure, also allowing you to zoom in on license plates or faces with incredible detail.

LPR CAPTURE KIT
Get single and multiple lane coverage in high-definition detail in all conditions, 24 hours per day.

HD PTZ CAMERAS
Maximize the benefits of high-definition detail with 360° continuous rotation, allowing you to track moving objects and zoom in on facial detail from over 900 ft away.

HD MICRO DOME CAMERAS
A discreet camera that can be installed in inconspicuous locations, while still providing unparalleled image detail in 1 MP and 2 MP resolutions.

HD FIXED CAMERAS
Flexible installation options let you monitor venue entrances and exits to minimize instances of unlawful entry.

HD PANORAMIC DOME CAMERAS
Get 180° or 360° coverage of open spaces from a single point to cover more area with fewer cameras.

HD BULLET CAMERAS
A compact nighttime camera with built in infrared illumination that provides image detail in complete darkness, helping to monitor critical areas when resources may be fewer.

Critical infrastructure sectors

Let Avigilon's end-to-end solutions protect your important critical infrastructure project by delivering unparalleled image detail. Our broad range of megapixel cameras, combined with our easy-to-use video management software, can provide unmatched protection for the following critical infrastructure sectors:

Airports	Petrochemical
Bridges and highway infrastructure	Seaports
Electrical substations	Solar plants
Hydroelectric	Waste management facilities
Nuclear facilities	Water treatment infrastructure
Oil and gas refineries	Wind farm facilities

To learn more about how Avigilon's end-to-end solutions can deliver world-class critical infrastructure protection, visit us at avigilon.com/CIP