



Avigilon Control Center

High Definition Network Video Management Software

PRODUCTS



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Overview

Avigilon Control Center is the award winning high definition network video management solution that delivers the security industry's best image quality, lowest bandwidth and longest record times.

Available as stand alone software, or pre-installed and configured on an Avigilon NVR, Avigilon Control Center is a secure distributed network platform with enterprise class reliability for capturing, managing, and storing high definition multimegapixel surveillance video while efficiently managing bandwidth and storage.

Avigilon Control Center supports the broadest range of multi-megapixel IP cameras, from 1 to 16 megapixels, as well as conventional analog cameras. It provides the extra protection that only the industry's leading high definition surveillance solution can deliver while leveraging existing security investments.

Designed from the ground up by security professionals, Avigilon Control Center has a powerful yet easy to use interface that allows operators to efficiently evaluate and respond to events with minimal training.



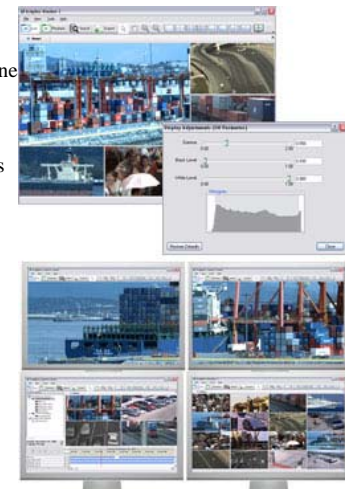
Multi-Megapixel High Dynamic Range Image Display

View multiple cameras and regions of interest on multiple viewing tabs and cycle them automatically to allow one operator to view a large number of cameras regardless of their location. Save viewing parameters for simple and repeatable setup of complex multi-camera viewing configurations.

Digitally zoom and pan within an image while automatic dynamic contrast enhancement reveals low light details for unmatched digital PTZ performance.

Image display controls allow manual adjustment override of automatic contrast and gamma, as well as color balance allowing custom color reproduction for a variety of light sources. Progressive decoding of lossless JPEG2000 video streams delivers unmatched image quality and efficient bandwidth management for low bandwidth remote clients.

Avigilon Control Center supports control room monitor wall displays of live or recorded high definition surveillance footage across multiple high resolution widescreen monitors.



High Definition Recording and Playback

Timeline

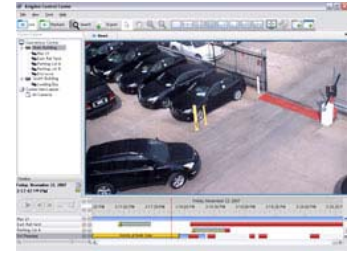
Advanced timeline interface with unique integrated drag to zoom capability allows full control over high definition surveillance video playback in forward and reverse at variable speeds.

Export and Archive HD Surveillance Footage

Securely bookmark and export movies or still images in industry standard formats or in Avigilon lossless format for dynamic offsite forensic enhancement by third parties such as law enforcement officials.

Event Triggered Recording

Set recording parameters independently for each camera to record on schedule, motion or external alarm events. Collect reference images at predetermined intervals between triggered full motion recording events.



Video search

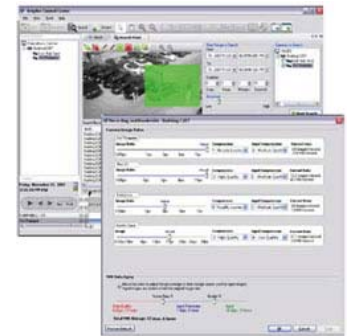
Find scene changes, missing objects, and events fast, with the industry's quickest high definition video search.

Quickly and accurately navigate through large amounts of recorded high definition video with camera specific event logs.

Bandwidth and Storage Management

Allocate more storage capacity to recent events and taper archived surveillance footage for maximum record times with Avigilon's JPEG2000 based Data Aging.

Tune camera bandwidth usage to optimize image quality and network bandwidth availability with JPEG2000 progressive lossless compression.



Remote Viewing

Remotely connect to multiple recorders to view live and recorded surveillance footage over the local area network, through the internet using a standard web browser, or by using a compatible mobile device.

JPEG2000 bandwidth optimized transmission ensures minimal bandwidth utilization while providing the highest possible image quality.



Advanced Control Center Features

Acquisition Manager

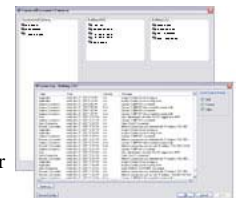
Avigilon's unique high definition acquisition manager ensures all cameras, regardless of resolution, are always configured to collect the best possible image over a wide range of lighting conditions.

Configure multiple independent camera specific motion detection zones for pre, or post motion triggered recording. Configure groups of cameras to record off a single alarm event.



Simple Camera and Server Installation

Complex network configuration is eliminated by Avigilon Control Center plug and play capabilities for NVRs and cameras which automatically identify themselves on the network, without manual configuration or searching, allowing fast and consistent system deployment and management.



Detailed Management, Monitoring, and Reporting of System Status and Security

Maintain detailed logs of storage, network, and overall system status to ensure the highest possible system uptime required for critical applications.

User access control allows hierarchical user groups with varying security privileges, limit access to live and recorded data from individual cameras based on a user's configured privileges.

Avigilon Control Center recording runs as a low level operating system service, which prevents tampering and ensures recording automatically resumes in the event of a power failure or system reset.

Programmable e-mail alerts provide rapid remote notification in the event of camera tampering, system alert, alarm, or motion event.



Fast and Accurate Online System Design

Avigilon Control Center's unique integrated online tools greatly simplify and accelerate system design decisions related to

camera and lens selection as well as bandwidth requirements and storage times. Automatic bill of materials generation assures fast and accurate system ordering and deployment.

Scalable Integration with Legacy Systems

A flexible and scalable open system, Avigilon Control Center's distributed architecture features a .NET based XML capable API that can easily be integrated into existing security systems allowing security professionals to meet current infrastructure requirements while still benefiting from a new level of surveillance performance.



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