

CONTROL CENTER



**Control Center
with High Definition Stream Management (HDSM)**

Transmit HD Video

view live footage using the least amount of bandwidth

Record HD Video

using the least amount of hard drive space

Search HD Video

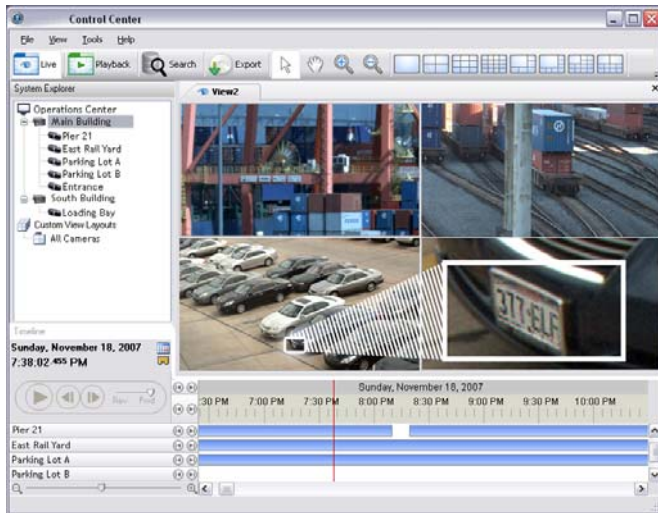
faster than any other H D solution

Playback HD Video

with the highest image quality and most detail

Export HD Video

without any loss in quality



Overview

Control Center, with High Definition Stream Management (HDSM), is the award winning high definition network video management solution that delivers full situation awareness and indisputable detail, leading to faster response times, reduced investigation times, and superior overall protection.

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

Control Center records and manages both audio and video from the world's broadest range of multi-megapixel IP cameras, from 1 to 16 megapixels. In addition, the system can accommodate conventional and PTZ analog cameras and both audio and video from a broad range of 3rd party IP cameras, and encoders from leading manufacturers. It provides the best evidence that only the industry's leading High Definition surveillance solution can deliver while leveraging existing security investments. Control Center provides the ability to build a hybrid system that allows a budget conscious migration from analog to digital.

Focused on the needs of security professionals, Control Center has a powerful, yet intuitive, easy to use interface that allows operators to efficiently evaluate and respond to events with minimal training.

Multi-Megapixel High Dynamic Range Image Display

Maintain situational awareness while analyzing detailed regions of interest from a single camera or multiple. Use multiple viewing tabs and cycle them automatically to allow one operator views of cameras from multiple locations throughout large enterprise systems. Save viewing parameters for simple and repeatable setup of complex multi-camera viewing configurations.

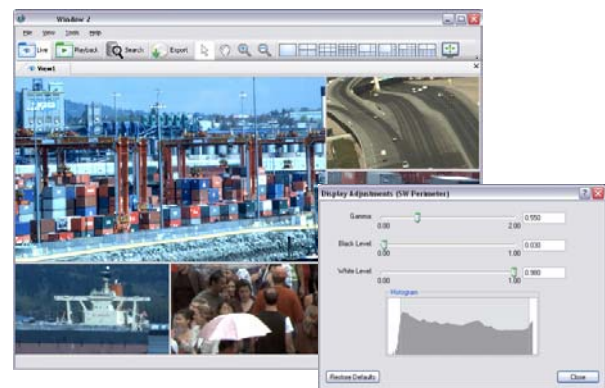
Digitally zoom and pan within an image while automatic dynamic contrast enhancement reveals low light details for unmatched digital PTZ performance using a mouse or surveillance joystick. Control Center supports control room monitor wall displays of live or recorded high definition surveillance footage across multiple high resolution widescreen monitors.

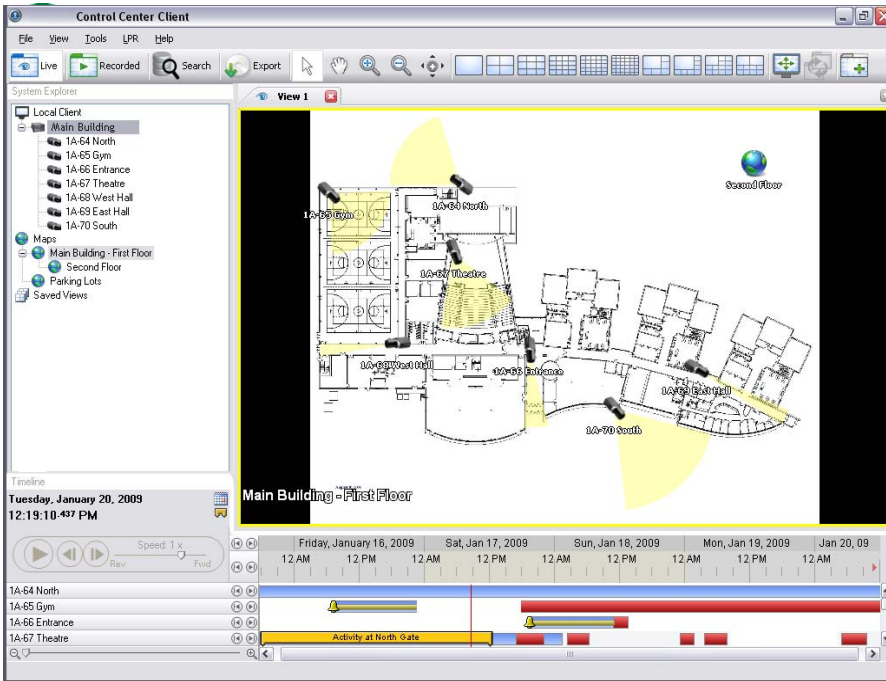
Data Protection and Storage Management

Redundant recording to multiple NVRs allows a full live mirror of all high definition video. Automatic fail-over NVRs ensure uninterrupted recording if a NVR becomes unavailable.

Integrated backup and restore functionality allows recorded HD video from multiple cameras to be securely transferred from an NVR on a defined schedule. Restored HD video can be imported to a different NVR for instant playback of archived video.

Allocate more storage capacity to recent events and taper archived surveillance footage for maximum record times with HDSM Data Aging.





Integrated Graphic Mapping for System Layout

Advanced graphic mapping interface enables operators to layout cameras and servers on an imported map for easy navigation of large surveillance systems. Maps can be layered and nested allowing easy navigation through satellite maps, multi-story buildings and very large areas.

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 up to

8 times faster than real time. A rapidly updating playback system allows intuitive jog, or shuttle, playback to identify key events and subtle changes.

Bookmark and Export HD Surveillance Footage

Securely bookmark and export movies or still images in industry standard formats or in lossless format for dynamic offsite forensic enhancement by third parties such as law enforcement officials. Exported video can be managed via the Control Center player, a powerful playback application with all the tools required for analyzing and reviewing captured HD surveillance footage. Bookmarked events are indexed to allow rapid searching using user defined metadata. Bookmark protection ensures bookmarked events are kept permanently on the NVR.

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. Unique sub-region thumbnail searching allows you to rapidly find small changes within HD surveillance covering large areas.

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

Bandwidth Management and Remote Viewing

Tune camera bandwidth usage to optimize image quality and network bandwidth availability with H.264 progressive lossless compression.

Remotely connect to multiple recorders to view live and recorded surveillance footage over the local area network, over a low bandwidth wide area network connection, or using remote desktop technology on a standard web browser or compatible mobile device.

H.264 ensures minimal bandwidth utilization while providing the highest possible image quality.

