

NVR and Camera Management Platforms

OnSSI's Network Video Recorder (NVR) software platforms provide the most effective, future-proof video detection and delivery solutions, from large enterprise to small-business scale.

As true non-proprietary platforms, they deliver universal support for cameras and encoders by all leading manufacturers, as well as multiple compression format support (MJPEG, MPEG4, H.263 and Wavelet).

Live and recorded video can be viewed and investigated via an array of video clients - LAN, web-based, handheld or video wall display. The NetGuard-EVS client displays up to 8x8 cameras per monitor, with multiple monitor support. Investigation tools include PIP-assisted digital PTZ into recorded images, motion timeline, synchronous playback of all cameras, Motion Smart Search, and video export in authenticated database or portable AVI formats. The NetGuard browser-based client allows live monitoring and investigation of up to 16 cameras, with no software installation required. The NetPDA and NetCell handheld clients* enable access to live and recorded video from all cameras while on the beat, with PTZ and preset position control. Finally, the NetSwitcher video wall controller (optional) provides the ultimate IP video surveillance control, display and event management platform.

OnSSI's NVRs were designed to provide instant access to events and automated delivery and display of events and exceptions. Incorporating motion detection and motion smart search, automated push-video of live events, and through integration with access control integration and advanced Video Content Analytics (NetDVMS only), fewer operators than ever before to effectively monitor large camera systems.



NetGuard-EVS advanced video client, for live monitoring and after-the-fact investigation of up to 64 cameras. For all OnSSI NVRs.



NetGuard browser-base video client. Up to 4x4 cameras in live and investigation modes, with no software installation required. For all OnSSI NVRs.

NetDVMS Large-Scale IP Video Surveillance Management System

NetDVMS is OnSSI's market-leading multi-site/multi-server NVR and Camera Management software suite, capable of managing an unlimited number of cameras and video clients in city-wide and multiple site deployments. It offers powerful recording/archiving, event management, intelligent motion detection with on-event Push Live Video and integration with access control and physical security systems as well as video content analytics systems.

- System size: multiple site/multiple server, unlimited number of cameras and clients
- Included clients: NetGuard, NetGuard-EVS, NetPDA & NetCell, for unlimited concurrent users
- Automated push video on-event via NetMatrix: included
- Operation as a Windows® service.
- Video export: AVI and authenticated database format
- Video archiving: multiple per day, to local/network
- Multi-channel audio recording
- Multiple schedulable PTZ patrol sequences
- Open APIs for easy integration with Access Control, POS and Video Content Analytics
- Remote user authentication: Active Directory of server-based
- 1, 2, and 3-year Software Upgrade Plan (SUP) available
- NetDVMS-Base** System license, required one per entire system
- NetDVMS-1C** Camera license, required one per camera



NetMatrix Intelligent Viewing add-on. Enables manual sending and automated push of events to user's screens. For NetDVMS and NetDVR only

NetDVR NVR Software for Medium-Scale Surveillance Deployments

NetDVR is a high-end IP-Surveillance recording and management software suite for single-server deployments. It offers the most robust recording engine in its class, as well as synchronous multiple-camera playback, motion detection and flexible video export tools. Available in a variety of camera packages.

- System size: up to 64 cameras connected to single server
- Included clients: NetGuard, NetGuard-EVS (5 concurrent users) NetPDA & NetCell
- Automated push video on-event via NetMatrix: Included
- Operation as a Windows® service.
- Video export: AVI and authenticated database format
- Video archiving: once a day to local/network, limit 600,000 frames per day per camera
- Multi-channel audio recording
- Multiple schedulable PTZ patrol sequences
- NetSwitcher: compatible
- Remote user authentication: server-based only
- 1-year Software Upgrade Plan (SUP) available
- NetDVR-[N]C* 1, 4, 9, 16, 25, 36, 50 & 64-camera single-server license packages (e.g. NetDVR-16C)



NetPDA and NetCell handheld video clients*. For NetDVMS and netDVR Only.

ProSight-SMB IP Video Surveillance Platform for Small-Medium Businesses

ProSight-SMB delivers impressive functionalities and tools found only in enterprise systems, at a very competitive price. It is the ideal solution for small-to-medium IP video surveillance deployments that require advanced remote monitoring and after-the-fact investigation capabilities. Available in packages of 4-25 camera licenses.

- System size: up to 25 cameras connected to single server
- Included clients: NetGuard & NetGuard-EVS (1 concurrent users)
- Automated push video on-event via NetMatrix: Not Included
- Operation as a Windows® service.
- Video export: AVI only
- Video archiving: once a day, local drive only, limit 600,000 frames per day per camera
- Single-channel audio recording
- PTZ patrolling: not available
- NetSwitcher: not compatible
- Remote user authentication: server-based only
- Software Upgrade Plan (SUP): not available
- ProSight-SMB-[N]C 4, 6, 9, 16 and 25-camera single-server license packages (e.g. ProSight-SMB-16C)



NetSwitcher control room video wall matrix switch. Optional; compatible with NetDVMS and NetDVR.

* NetDVMS and NetDVR only; requires Windows CE/Mobile handheld device.

NetSwitcher Distributed IP-Surveillance Display and Management Platform

NetSwitcher is OnSSI's revolutionary IP-based video surveillance control platform, for command center video wall or desktop monitoring environments.

NetSwitcher enables one-click routing any camera to any video wall or remote public display monitor, or to other users' desktop monitors, via a map-based, touch-screen controller interface. Users can navigate from a complete campus map to a layout of every single floor and department, with camera locations and viewing directions.

NetSwitcher enables incorporating video content analytics as well as physical security systems (access control, contact closure, traffic loops, etc.) that automate the event detection process, producing filtered, events-only video with clear indication of exceptions and alerts. Video of alerts can be investigated on-the-fly, assisted by digital PTZ into recorded images, and exported for court evidence.

NetSwitcher allows controlling an unlimited number of cameras and displays by relatively few operators, with shared event handling capabilities among multiple controllers at multiple locations.

- Unlimited number of display monitors, cameras and controllers
- Supports MPEG-4, MJPEG, H.263 & Wavelet
- Intuitive map-driven touch-screen interface, with one-touch camera display
- Up to 4x4 camera streams per display monitor
- Integration with Video Content Analytics systems for automated event detection.
- Shared event handling among multiple operators
- Advanced playback & investigation features
- Digital PTZ into live and recorded images

NetSwitcher-AServer-N*	System license for 48, 64, 128, 256, 512, 1024, 2048 & 4096 camera inputs (e.g. NetSwitcher-AServer-512).
NetSwitcher-Input*	Required one per entire system.
NetSwitcher-Controller*	Camera license, required one per attached camera
NetSwitcher-Viewer*	Controller license, required one per concurrent controller

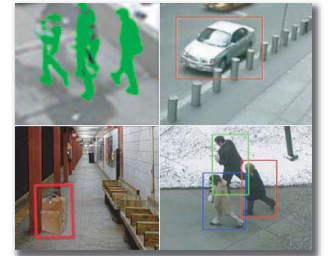


Video Content Analytics

OnSSI's Video Content Analytics modules provide automated detection and analysis of events, objects and movement patterns, allowing fewer operators to monitor a far greater number of locations, thus improving the overall efficiency of the surveillance system.

OnSSI's Content analytics modules can be easily integrated with other external applications, databases and physical devices, as well as with cameras' built-in analytic modules. Detected exceptions appear as alerts in the NVR system, and can trigger any number of actions from sending email or text message notifications or sounding an alarm, to pushing video automatically, on-event, to security personnel.

OnSSI's Video Content Analytics can also be integrated into the NetSwitcher platform. Within NetSwitcher, events from the entire camera system, complying to multiple rules, will be automatically sent to any NetSwitcher-enabled display, together with a metadata overlay indicating the object/movement that triggered the event.



Available Content Analytics modules:

- Motion detection – directional (wrong-way movement), speed, size and classification of moving object
- Non-motion detection – unattended objects or stopped vehicles, with filters for size of object and duration of non-movement.
- People/Object Counting - entering, exiting or within multiple detection zones
- Tailgating/Loitering/Density - tailgating at entry points; loitering (individuals or groups); and group density (exceeding a predefined threshold.)
- Crowd Detection - detection and alerting for overcrowding, with configurable detection regions and threshold rates
- Object Removal (Theft) – detection and alerting for an unlimited number of stationary objects removed within the camera view, as well as object defacement (graffiti) and vandalism
- PTZ Tracking – tracking of moving object by PTZ camera
- Motion Detection on PTZ Presets - activation of detection rules during PTZ patrolling

Contact OnSSI for ordering information for Content Analytics modules.

NetTransact – POS/ATM-Integrated Video Monitoring Loss Reduction Solution

NetTransact provides an effective solution for detecting fraud and theft at points-of-sale and ATMs, by linking high-quality IP-video to individual cash register and ATM transactions, and allowing instant access to video playback of each and every transaction at multiple stores or locations for further verification and investigation.

- Add-on to OnSSI's NetDVMS, NetDVR and ProSight-SMB
- Access to video by time/date, transaction or free text search
- Click on transaction in on-screen register printout to access video
- Integration with source via serial server, serial cable or IP Interface
- Easy editor for filtering transaction fields received from register
- SQL database for transaction data storage
- Unlimited concurrent operators, anywhere on the network
- Powerful video investigation tools via NetGuard-EVS

NetTransact-Base*	NVR add-on software license, required one per NVR server
NetTransact-1T*	Transaction Source license, required one per POS/ATM



* 1-year Software Upgrade Plan (SUP) available

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