

# NetDVR

## Single-Server NVR and Camera Management Platform

Designed especially for single-site, mid-sized organizations, NetDVR offers powerful video monitoring, event management and archiving capabilities, delivered in a scalable, cost-effective package. With NetDVR, live and recorded video is available to whoever needs it, at all times, from anywhere within the local network and over the WAN - enabling immediate response to events.

**Universal Camera Support** As a software-only developer committed to non-proprietary solutions, OnSSI supports practically every leading manufacturer's IP cameras and video encoders. NetDVR fully supports next-generation megapixel cameras and 360° recording technologies, which provide detailed images for wide area coverage and extensive zoom-in capabilities. Your existing analog equipment can be easily retrofitted via video encoders and used simultaneously alongside IP cameras, retaining the value of your existing investment in video surveillance.

**Unparalleled Access to Video** Authorized users can access and control any or all cameras via an array of video clients, included free for unlimited users.

NetGuard-EVS, the primary user interface for NetDVR, provides map-driven access to cameras and supports multiple screens, carousel viewing and hotspot functionalities.

After-the-fact investigation tools include time-synchronous video viewing and playback, motion smart search, event generation and digital PTZ into playback. The NetGuard Client

offers effective access to video with no software download required – ideal for law enforcement, web access or casual monitoring. NetPDA and NetCell are WiFi and smartphone cellular network enabled portable video clients, providing access to live and recorded video, including full PTZ control, while on the move. NetSwitcher (optional), OnSSI's innovative virtual video matrix switch, enables camera streams from multiple NetDVR platforms to be combined into easily configurable video wall views.

**Retrieve, Investigate and Export** NetDVR's automated processes turn volumes of video data into critical information. Events, generated by NetDVR's motion detection functionality, or received from physical security systems, can be easily accessed, previewed and investigated directly within the NetGuard-EVS client, assisted by digital PTZ into playback and synchronous playback of all cameras. Video of the event, together with audio captured by camera-connected microphones, can be easily exported as an AVI file or in tamper-evident database format, for use as court evidence.



NetGuard-EVS - map-driven video monitoring with configurable shared and private views

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**NetPDA & NetCell**

PTZ-enabled handheld IP video clients



**NetGuard-EVS**

Graphical motion detection timeline



**NetMatrix**

Automatic Event-Driven Push Live Video

**Efficient Live Monitoring** Included with NetDVR, NetMatrix, OnSSI's Intelligent Viewing module enables live monitoring in 'Blank Screen Monitoring' mode. Video of meaningful events, generated by video content analytics, motion detection or physical security systems can be pushed automatically, based on pre-defined rules, or peer-to-peer, to any user's video client or to a remote display anywhere in the network. This allows monitoring the entire camera system by one or very few operators, and dramatically improves the security system's responsiveness to events.

**Mix, Match and Save** Your surveillance system should reflect your needs. With NetDVR, each camera can be individually configured for resolution, frame rate, recording mode (continuous, scheduled or on-event) and storage location. This enables you to optimize your computing and storage resources, significantly reducing the system's overall cost.

**Assured Future-Proof System** NetDVR is an open-architecture, 100% end-to-end IP solution, designed to run on and control only non-proprietary hardware. This assures you'll always be able to integrate best-of-breed cameras, encoders and network hardware into your system. What's more, NetDVR is bundled with many useful APIs for seamless integration with other industry-standard products such as access control and other physical security systems.

**Always Up-To-Date** OnSSI's Software Upgrade Plan (SUP) will keep your system current with the latest features and functionalities using your existing hardware. NetDVR is guaranteed to migrate smoothly to any market-leading operating system. Rest assured knowing that your investment in IP-Surveillance is protected.

**Proven Success in Thousands of Installations** OnSSI's NVRs have over the years set the benchmark for IP-based video surveillance. Thousands of installations reliably serve law enforcement agencies, commercial clients local and federal government and school districts nationwide.

**The NetDVR Advantage**

- Intuitive map-driven user interface, with Point & Click and joystick PTZ control
- Support for all leading manufacturers' cameras
- Simultaneous support for MPEG-4, MJPEG, H.263 & Wavelet formats
- Standards-Based, Open Architecture on Non-Proprietary hardware
- Transparent network archiving
- Operation as Windows Service in background
- Support for VMware & Microsoft Virtual PC
- Up to 64 cameras, connected to single server
- Free, unlimited NetGuard, NetGuard-EVS, NetPDA and NetCell client licenses
- Compatible with NetSwitcher video wall virtual video matrix display
- Up to 8x8 cameras displayed per monitor and multiple monitor support
- Advanced audio capabilities – live and playback from cameras' microphones, as well as audio in video export
- Audible alerting on motion event (in NetGuard-EVS)
- Encrypted, tamper-evident video export to CD/DVD
- Automatic or peer-to-peer Push Video on event and 'Blank-Screen Monitoring'
- Alarm input and output integration
- Schedulable multiple PTZ patrol sequences
- Available in a variety of camera license packages
- 1-year Software Upgrade Plan (optional)

**Ordering Information**

**NetDVR License Packages**

NetDVR-[N]C - Single server licenses for 1, 4, 9, 16, 25, 36, 50 & 64 cameras (e.g. NetDVR-16C)

**1-Year Software Upgrade Plan (SUP)**

Add the prefix SUP to any of the above products (e.g. SUP-NetDVR-16C)

**Minimum Hardware Requirements**

Hardware requirements depend on the system's camera count, framerate and resolution. For complete, up-to-date recommendations, please visit our website at [www.onssi.com](http://www.onssi.com).

**Related Products from OnSSI**

**NetSwitcher**

Video wall virtual video matrix for distributed IP video surveillance systems.

