DS NVs

DIGITAL SENTRY® NETWORK VIDEO SOFTWARE SOLUTION

Product Features

- Software-Only Video Management Solution
- Supports up to 128 Video Channels per Server* (Dependent on Hardware Configuration and IP Camera Settings)
- Includes 4 IP Licenses for Pelco or Third-Party IP Cameras/Encoders
- ONVIF Conformant
- Open Architecture Allows Installation on Industry-Standard Servers Running Microsoft® Windows®
- Manages Video from IP Cameras, Encoders, DX Series DVRs and Other DS NVs Servers Across the Network
- Compatible with Pelco Sarix® Analytics
- Capable of Recording Audio from Pelco IP Cameras
- Supports the Recording of MJPEG, MPEG-4, and H.264 Streams from Pelco and Third-Party Cameras
- Supports SQL Server® 2008 Express R2
- Recording Rate Configurable per Individual Camera
- Supports Lightweight Directory Access Protocol (LDAP) Authentication
- Remote Administration, Monitoring, and Management of Video
- Includes Thumbnail, Timeline, and Scrub Bar Search Methods
- Optional Archive Utility Support for 32-Bit and 64-Bit Operating Systems
- Logical Camera Grouping
- Quick Review of up to 90 Minutes of Video and Data

(MONITOR NOT INCLUDED)

- Print and HTML Reports of System Settings and Configuration Changes
- Wizard-Driven "Quick Setup"
- VideoXpert Ready. Migrate your DS database to VideoXpert, minimizing downtime and administrative overhead in a next generation VMS

DS NVs is a software-only management solution that supports up to 128 video channels per server when loaded on commercial off-the-shelf (COTS) hardware*.

DS NVs is capable of recording and displaying exceptional high-quality images captured by Pelco IP cameras and various third-party megapixel cameras. This tight integration between product and technology makes DS NVs a robust HD-enabled, end-to-end solution.

DS NVs provides users the flexibility of installing Digital Sentry software on the server of their choice. Customers with standard PC or server platforms can reduce their cost of ownership by leveraging their existing platforms for volume pricing and technical support agreements. Because Digital Sentry is based on an open architecture, DS NVs allows customers the freedom to choose the PC/server platform and IP cameras that best fit their application.

DS NVs includes support for Pelco analytics at no additional licensing cost when using Sarix® series cameras or Net54xxT series encoders. Forensics capabilities are enhanced with thumbnail, timeline, and scrub bar search utilities.

DS NVs allows customers to leverage their investments in analog infrastructures while migrating to IP technologies. The DS NVS ControlPoint client can access cameras from other DS NVS servers, DS SRV based network video recorders, and DX series DVRs, providing DX customers the ability to transition to a full IP VMS solution while continuing to leverage their investment in DVR technologies. DS NVS is compatible with the DX8000/8100, DX4500/4600/4700/4800 and the DX4700/4800HD.

*The DS NVs database is limited to 128 cameras. The number of cameras that can be supported depends upon camera settings, client connections and activity, network bandwidth, and the available throughput of the DSSRV.

IMPORTANT NOTE. PLEASE READ. The network implementations are shown as general representations only and are not intended to show detailed network topologies. Your actual network will differ, requiring changes or perhaps additional network equipment to accommodate the systems as illustrated. Please contact your local Pelco Representative to discuss your specific requirements.

DS NVS AS PART OF A LARGER DIGITAL SENTRY NETWORK
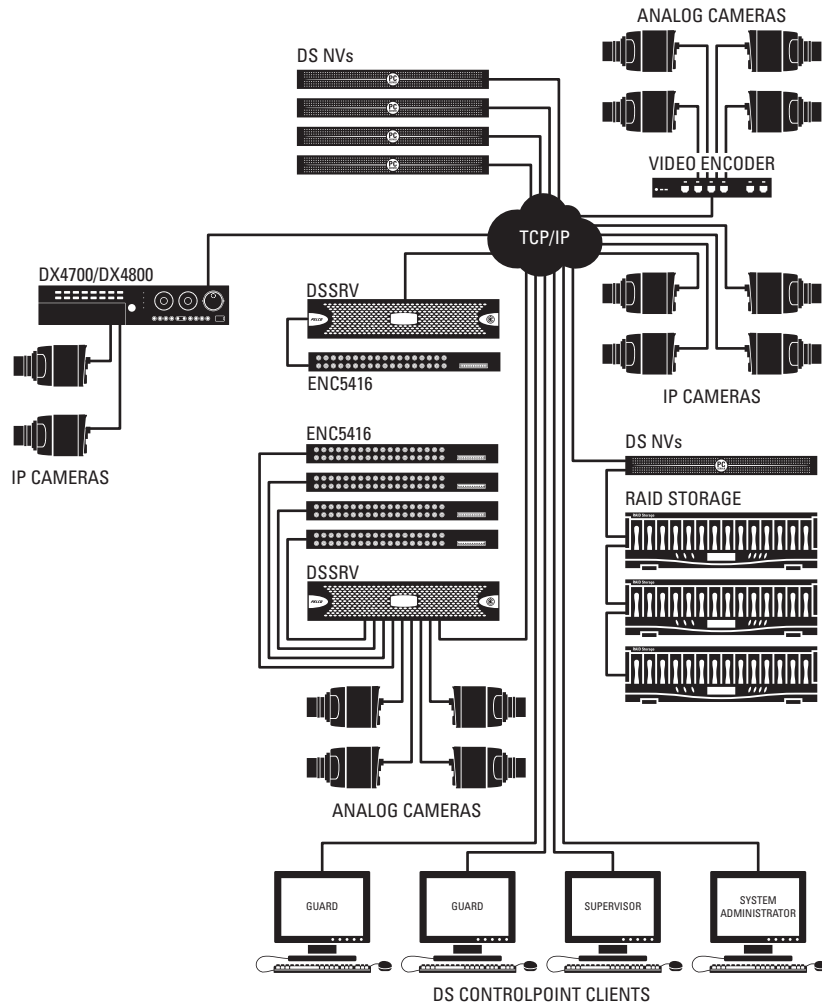
DS NVS AS A STAND-ALONE IP VIDEO MANAGEMENT SYSTEM
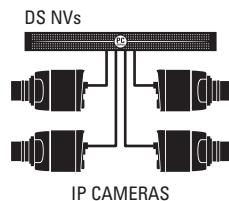
SYSTEM

User Interface	DS ControlPoint

VIDEO

Video Standards	NTSC/PAL
Video Decoding	MPEG-4, MJPEG, H.264
Video Resolutions	Up to 10 megapixels, based on camera capabilities
IP Camera Capacity	Up to 128

RECOMMENDED SERVER REQUIREMENTS

Operating System	Microsoft® Windows® 7 Ultimate 32 or 64 bit, Windows 7 Professional 32 or 64 bit, Windows Vista® SP2, Windows Server 2008 SP2, Windows Server 2012 R2
Processor	2nd Generation Intel® Core i7™ Sandy Bridge technology 3.4 GHz or higher
Memory	4 GB DDR3 or greater
Graphics Card	512 MB or more dedicated video memory
Optical Drive	DVD
Hard Drive	7200 RPM
Dedicated Server	Required

RECOMMENDED CLIENT REQUIREMENTS[*]

Operating System	Windows XP Professional SP2, Windows Vista (32 or 64 bit), Windows 7 (32 or 64 bit)
Processor	2nd Generation Intel® Core™ i7 3.4 GHz or higher
Memory	4 GB DDR3 or higher
Graphics Card	512MB or more dedicated memory

[*]While the DS ControlPoint client can be run at the server, doing so can impact performance of the DSSRV. For optimum performance, run DS ControlPoint at a client station.

CERTIFIED PLATFORMS

DS SRV - 2RU server with internal storage, pre-bundled with DS NVS

Pivot3 CloudBank™

Pivot3 MiniBank™

Pivot3 HardBank™

Pivot3 DataBank™

MODEL

DS-NVS-NC — Base software, video recording software solution, available on DS USB key; the most current version of the software is available as a free download from *www.pelco.com*

IP CAMERA LICENSE

DS SW-CAM — IP camera license for an IP camera or each analog camera connected to an IP encoder

Note: The first four IP licenses for Pelco or third-party cameras/encoders (equal to the initial default configuration) are included at no additional cost. Camera licenses are required to upgrade to any camera count above the initial default configuration.

CERTIFICATIONS/RATINGS/PATENTS

ONVIF 1.02

OPTIONAL SOFTWARE AND HARDWARE

AUSVR-SW-1L — Archive Utility server software license for first DVMS unit (required)

AUS 2-10L — Archive Utility server software license for second to tenth DVMS units

AUS-1L — Archive Utility server software license for eleventh or greater DVMS units

Note: Refer to Partner First for third-party integrations at *partnerfirst.pelco.com* for more information.