

Expand your capabilities.

Digital Sentry

Flexible video management system



Experience the power of choice.

PELCO
by Schneider Electric



Flexible IP VMS for mainstream security applications

Digital Sentry

With full-featured DS NVs video management software, the convenience and assurance of a robust network video recorder (NVR), analog camera support via optional direct-attached or network video encoders, and support for hundreds of IP cameras, Digital Sentry™ offers the flexibility and convenience of a video management system (VMS) optimized to drive HD, IP, and hybrid recording from one high-performance platform.

The choice for mainstream applications

With support for high-definition video, easy search tools, and an easy-to-navigate tabbed environment, critical data is easily accessed, monitored, and managed from multiple locations using DS ControlPoint™. The viewing flexibility of Digital Sentry (DS) makes it the ideal solution for multi-site monitoring applications such as education, healthcare, and corporate security environments, which require alarm monitoring and rapid access to recorded video from multiple servers.



Digital Sentry combines flexible IP video management software with optimized hardware components to provide a powerful solution for a broad range of mainstream security applications.

Putting you in control

DS provides you with flexible options, allowing you to deploy a system that meets your design needs. The DS system functions as a NVR, DVR, or hybrid recorder; as a standalone system, or as part of an extensive network of servers; as software that can be installed on COTS hardware or prepackaged on a robust server platform tuned and tested to deliver reliable convenience for the customer. With Pelco™ by Schneider Electric™ and third-party network encoders, and with ONVIF™ compliance, DS offers broad support for a rapidly growing array of third-party IP cameras and encoders.

Optimized powerful hardware

The DSSRV network video recorder provides the power and flexibility you need to maximize HD recording and leverage existing analog investments. With up to 18TB of internal storage, an option for RAID5, and capability for local- or network-attached storage for backup and export, each DSSRV server supports the ability to capture and manage HD, SD, and analog video from as many as 128 cameras per server. By adding one or more direct-attached video encoders, hybrid capability is extended for as many as 64 analog cameras.

Wide ranging applications



Healthcare



Corporate Security



Education

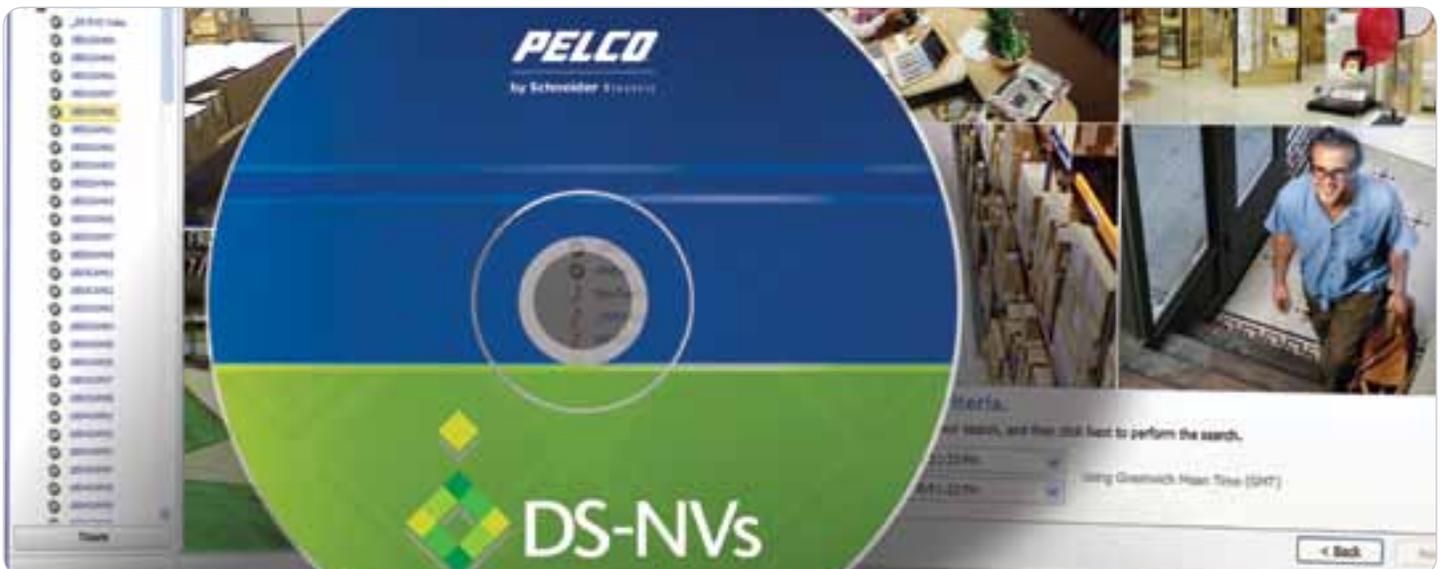
DS NVs video management software

At the core of Digital Sentry is DS NVs video management software, which offers flexibility in system design. Whether your application demands optimized integrated hardware, like the Digital Sentry network video recorder, or requires industry-standard server platforms, DS NVs gives you the power to view live and recorded video, control cameras, export video, and much more.

This ONVIF-compliant, world-class security software means a scalable solution for requirements ranging from single video server applications to multiple, distributed servers. The Quick Setup Wizard with auto-discovery of IP cameras makes exploring the possibilities of IP video security easy. DS NVs provides a full-featured, more-than-economical video solution.

Features

- > ONVIF compliant software-only video management solution
- > Supports top third-party camera vendors and installation on industry-standard servers
- > Easy to install, configure, and operate
- > Stand-alone or network configuration
- > Easy to expand
- > Windows® Active Directory support
- > Remote administration, monitoring, and management of video and audio data
- > Support for Pelco Analytics
- > Optional archive utility
- > Camera groups and tear off screens
- > Multiple touring features
- > Multiple alarming features
- > Automatic software update of DS ControlPoint client
- > Quick review of up to 90 minutes of IP audio and video
- > Intuitive HTML/PDF reports
- > Thumbnail, timeline, and scrub bar for quick video search



DS network video recorder

Optimized for use with DS NVs network video management software, the DS network video recorder (NVR) offers flexibility in deployment as a NVR, DVR, or hybrid NVR recording solution. Its impressive 280 Mbps bandwidth supports recording, viewing, and exporting for as many as 128 Pelco and third-party IP cameras.

Built-in reliability

A powerful processor combined with on-board graphics, and 8 GB of RAM, means faster refresh rates for video display, more efficient decoding, and overall improved performance, especially for HD video.

With the front-accessible, removable hard disk drives and an engineered cooling system to sustain increased performance, the DS network video recorder provides built-in reliability customers can trust. The Digital Sentry system information utility provides assurance that the system, network, and hard drives are all in operating order.

Flexible deployment

- > Network video recorder (NVR) with up to 128 streams
- > Digital video recorder (DVR) with up to 64 analog cameras at D1 30/20 (NTSC/PAL) IPS
- > Hybrid video recorder (HVR) with up to 128 cameras, including up to 64 analog
- > Stand-alone or network recorder

DS network video recorder features

- > Pre-imaged with DS NVs software
- > 280 Mbps bandwidth supports Pelco and third-party IP and analog video recording, viewing, and export
- > Supports up to 128 total cameras, including up to 64 analog cameras
- > Includes 8 free IP licenses for Pelco or third-party cameras and encoders
- > Attach up to 64 analog cameras with optional direct-attached ENC5416 encoders
- > Up to 18 TB internal storage, optionally configured for RAID5
- > Front-accessible hard drives
- > Optional external JBOD or RAID5 storage up to 24 TB
- > Supports SNMP, HTML management reports, and heads-up DSSI Utility LED display keyed to DSSI Utility



For installations with a mix of IP and analog cameras, the DS NVR supports up to 64 analog cameras, using third-party encoders or the ENC5416 encoder from Pelco.



ENC5416 encoder

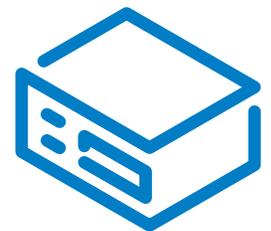
For customers with analog recording needs, the DS NVR can be readily adapted to function as a DVR or a hybrid NVR, through the ENC5416 analog video encoder, designed exclusively for use with Digital Sentry.

The ENC5416 adds affordable, high-performance analog capability to the DS NVR. It extends existing investments in analog cameras and cabling while adding the value of H.264 compression for efficient storage utilization.

Each ENC5416, direct-attached to the DSSRV via a supplied cable, supports up to 16 analog cameras and the ability to record video on the DSSRV at up to D1 resolution and 30/25 (NTSC/PAL) FPS. Up to four ENC5416 encoders may be attached to one DSSRV for a total of 64 camera connections. The combination of the DS NVR and one or more ENC5416 encoders makes an ideal DVR replacement.

DS encoder features:

- > Analog video support for DSSRV NVR
- > H.264 main profile compression
- > Supports 16 channels per encoder
- > Provides 16 looping, auto-terminating video outputs
- > 16 alarm inputs, 4 relay outputs, 16 audio inputs

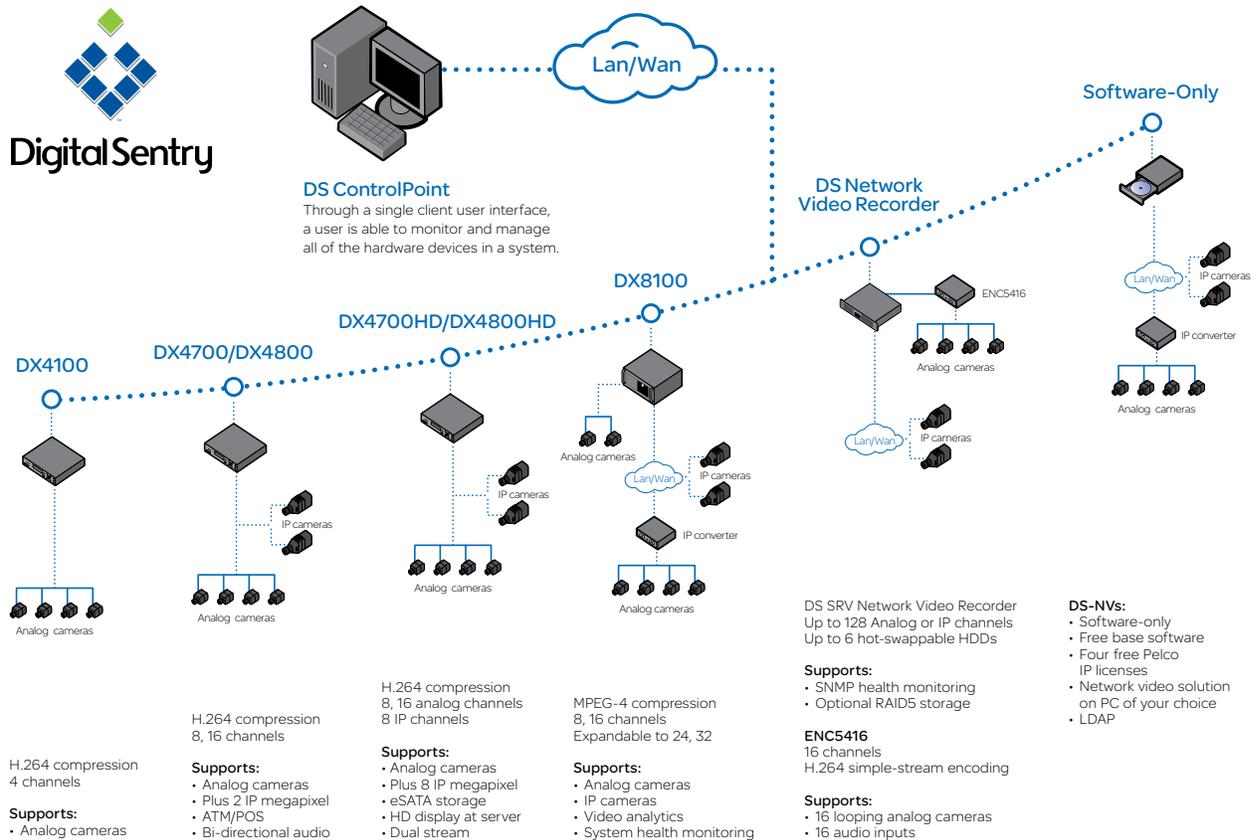


In addition to the ENC5416, Digital Sentry supports a wide selection of Pelco and third-party network encoders for the deployment of analog cameras on your network.

DS ControlPoint: Bringing it all together

DS ControlPoint software interfaces with all Digital Sentry systems – and with DX™ systems from Pelco – to enable seamless and progressive migration from analog to IP environments. With support for high-definition multi-monitor navigation and control, easy search tools, and an easy-to-navigate tabbed environment, critical data can be accessed, monitored, and managed from multiple locations – all in a common interface.

Where are you on the technology curve?



Pelco Mobile adds convenience

The Pelco Mobile™ app enables users to view video from IP or analog cameras attached to Digital Sentry systems and video directly from Sarix™ cameras from virtually anywhere using mobile devices. Featuring a sleek, easy-to-use interface, Pelco Mobile is supported on mobile devices using the Apple® iOS® and Android™ platforms.

Requires Digital Sentry v.7.3.54 or later; Sarix v.1.7 or later
Apple is a registered trademark of Apple Inc.
iOS is a registered trademark of Apple Inc.
Android is a trademark of Google Inc.

Features

- > 280 Mbps for video recording, playback, and export
- > Supports up to 128 IP and analog cameras*
- > Up to 64 analog channels recording at 30/25 IPS at D1
- > Internal storage to 18 TB
- > Includes 8 free IP licenses for Pelco and third-party cameras/encoders



* The maximum of 128 cameras/streams is a database limitation. The actual number of cameras/streams a Digital Sentry system supports depends on a number of factors, including camera settings, concurrent client connections, the number of playback streams per client, and available network bandwidth.

End-to-end video security

To complete your solution, Pelco produces the industry's broadest and most respected offering of IP and analog video security systems. From megapixel and integrated positioning systems to video management and software-only solutions, Pelco is committed to providing complete, end-to-end solutions backed by the most comprehensive customer support in the video security industry.

Coming together as one, Pelco and Schneider Electric provide customers with an unmatched combination of integrated security and building management solutions that let you control your entire security landscape across enterprises, from a single user interface.



Capture.



Record.



Manage.



Display.



For more information, please visit www.pelco.com or call (800) 289-9100 (United States and Canada) or +1 (559) 292-1981 (international).

For pricing information or to purchase Pelco products, please contact your manufacturer's representative or the Pelco office in your area.

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