Verint nDVR Pro

Video Management and Storage Software Solution

An Enterprise Solution for Video Capture, Management, and Storage

Verint® nDVR Pro™ is a robust video management and storage solution that enables you to simultaneously capture, view, and store high-quality, high-resolution voice, video, and data.

With a virtually unlimited number of inputs and outputs, nDVR Pro can manage video feeds from multiple locations. This virtual matrix functionality provides greater scalability and accessibility — at a lower cost — than could be achieved with traditional analog hardware matrices.

Built on a distributed client/server architecture, nDVR Pro is highly scalable and can support hundreds of cameras and audio feeds from Nextiva Intelligent Edge Devices. These devices include:

- Nextiva S1500e and S1700e Ethernet Video Servers and Decoders

- Nextiva S1100w Wireless Transmitter and Nextiva S3100 Wireless Bridge

Interoperability with Security and IT Systems

The nDVR Software Development Kit (SDK) enables easy integration with third-party security solutions and Management Information Systems.

With nDVR, you can leverage your existing enterprise server platform and use the same maintenance programs for both CCTV and IT equipment, lowering overall cost of ownership of your video surveillance system. This integration also facilitates system updates for long-term protection of your investment in video surveillance technology.

Verint. Powering Actionable Intelligence.®

Verint Systems (NASDAQ: VRNT) is a leading global provider of analytic software-based solutions for communications interception, networked video, and business intelligence. Verint solutions transform voice, video, and text into *actionable intelligence* — timely, mission-critical insights for achieving strategic goals.

Since 1994, Verint has been committed to developing innovative solutions that help our customers achieve their most important objectives. Today, more than 1000 organizations in over 50 countries use Verint's actionable intelligence solutions to enhance security, boost operational efficiency, and fuel profitability.

KEY FEATURES

- ✔ Distributed IP architecture, reducing cabling and maintenance costs

- ✔ Scalable client/server architecture, enabling simultaneous viewing of live and recorded video by multiple authorized users

- ✔ Storage of video from up to 70 cameras on a single server, each at 30 Frames Per Second (FPS) NTSC or 25 FPS PAL

- ✔ Redundant and failover archive

- ✔ Built on Windows NT and MSSQL technology

Verint nDVR Pro is an enterprise software solution for video management and storage.

- Supports up to 500 cameras and audio feeds

- Virtual matrix functionality for greater accessibility and scalability and lower cost

- Supports Nextiva Intelligent Edge Devices and third-party cameras and keyboards

- Redundant and failover archive

- Multi-site, enterprise-wide access via LAN/WAN/Internet

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Technical Specifications

nDVR PRO CLIENT

Three user interface modules that can run on multiple workstations simultaneously

MEDIA GATEWAY

Module compatible with Windows Media Gateway

LIVE VIEWER

- Monitor up to 32 live cameras simultaneously (2 x16 in dual screen)
- Configure split views and set dwell times between views
- Individual tiles displayed, using layers on which to place video streams
- Manually trigger audio and video recording
- Instant replay capabilities: review an event that has just occurred, while continuing to monitor the live feeds
- View and control camera sequences
- Use live audio communication
- Define up to 99 presets and patterns for motorized cameras and domes
- Enter motorized camera or dome menu directly without exiting application
- Activate digital zoom mode
- Select internal/external alarms and displayed messages
- Block camera upon request
- View real-time alarms and alarm history (since initial login)
- Connect an external CCTV keyboard to control remote cameras and send video streams to specific external analog monitors
- Advanced alarm management allowing alarm prioritization, alarm tracking, assignment to different users, and alarm display modes
- Snapshots from live feed
- Support for Web client, enabling access to live video via Internet Explorer
- Pocket PC compatible

CONFIG TOOL

- Archive camera and virtual matrix scheduling
- Virtual matrix capabilities: camera sequencing within a single viewing tile, macros for easy integration with third-party systems (access control), and direct keyboard support
- Archive triggering (continuous, motion detection, dry contact alarm, or via SDK)
- Pre/post-event storage duration per camera
- Intelligent motion detection with up to six motion masks per camera with separate sensitivity
- Live and recorded video parameters per camera
- Backup schedules per camera
- Network (multicast UDP, unicast TCP or UDP)
- Setting of actions based on system events
- Creation of camera sites and grouping of cameras per site
- Creation of multilevel interactive HTML maps per site
- Pan-Tilt-Zoom (PTZ) protocol per motorized camera or dome
- Dry contact and relay output
- Users, passwords, and user rights
- Time zone settings for each encoder
- Virtual matrix module

ARCHIVE PLAYER

- Play back video from any camera by time and date
- Search video sequences based on date, time, camera, event, motion, past alarms, bookmark, and motion in specific area
- Search video sequences for motion in specific image areas
- Play back up to 16 video sequences simultaneously (synchronous or asynchronous)
- Create new bookmarks on any sequence
- Play back video to analog monitors (or send to VCR)
- Perform frame-by-frame or fast-mode playback and play forward
- Digitally zoom in to image
- Save selected images to JPEG or bitmap formats
- Save selected sequences to disk along with a standalone archive player application
- Can convert nDVR video files to .AVI format
- Support for Web client, enabling access to recorded video via Internet Explorer

nDVR PRO SERVER

Management and storage modules installed on one or more servers

CONFIGURATION PARAMETERS:

- Redundant Archiving: allows multiple copies of the same video streams to be archived simultaneously to protect against accidental data loss
- Failover Archiving: allows multiple archivers to be configured as each other's backups for a given pool of units
- Directory failover system (FOS)
- Internet Explorer 5.0+ Web client support
- Local or remote MSQL database
- Storage devices: local disk, remote disk, Network Attached Storage (NAS)
- Video encryption configuration
- Enabling/disabling audio recording
- Email accounts for alarm notification

OPTIONAL:

- Hardware Matrix: ready integration of conventional CCTV matrices with the rest of the system (available for one hardware matrix)

Contact your Verint representative for ordering codes and pricing information.

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