Prism®
Video Management System

Overview
Prism by Lenel is an open IP Video Management System (VMS) that features an advanced, intuitive and operator-friendly user interface. Offered in two configurations (professional and enterprise) — and available as a standalone VMS or integrated with the Lenel® OnGuard® enterprise security management software — Prism has the scalability, flexibility and reliability to meet your organization’s evolving video surveillance needs.

Built using the latest IT and video surveillance industry standards, Prism integrates seamlessly with OnGuard systems for event-driven monitoring, offering a single point-of-device configuration, event/alarm monitoring and system administration in an integrated video/access deployment. Prism also uses the Lenel Network Video Recorder (LNVR) as its primary recording engine. The combination of OnGuard software, Prism VMS and LNVR delivers an industry leading integrated video/access solution. The feature-rich set of tools maximizes the use of the video workspace resulting in fast, high-quality user decisions, reduced training costs, and more efficient use of personnel.

Prism’s tiered pricing ensures a cost-effective entry point for small and low complexity environments and provides simple incremental upgrades as your system size grows. Pricing upgrade options permit integration with the OnGuard system to deliver a fully-featured integrated experience. Base system licensing covers unlimited use of client and LNVR software. Camera channel licensing applies to overall system capacities, rather than being tied to specific individual cameras. In integrated environments existing OnGuard Video Manager Software Upgrade and Support Plans (SUSPs) also apply to the Prism VMS without additional costs. In addition to the streamlined pricing structure, customers continue to enjoy a single source of knowledgeable technical support for access control and video from Lenel.

Standard Features
- Open platform for full interoperability/integration
- Video-centric user experience, intuitive UI
- Mixed live and recorded viewing
- Fly-in menus and overlays to optimize space
- Intuitive use of video sequences and timelines
- Advanced forensics tools for investigations
- Highly scalable server architecture
- Single system view of all resources
- High performance event/alarm brokering
- Multiple recording options (high availability and value)
- Extensive support for mixed analog and IP environments
- Integrated video alarm panel
- Audio support
- Touchscreen friendly client software
- Embedded Video Matrix application (requires additional licensing)
- On-screen alarm acknowledgment
- USB joystick support
- Updated OS environment support

New with Prism 1.2 Service Pack 1:
- Embedded device discovery
- Bulk Add and Batch Configuration options (Standalone only)
- Support for sub-streams
- New system diagnostics and configuration tool

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Operator View Features

- Map- and tree-based navigation
- Integrated video alarm panel
- Dynamic timebar
- User definable layouts, sequences and salvos
- Active time bar with gap map information
- Virtual PTZ and digital zoom controls
- USB joystick support for PTZ controls:
  - TruVision® TVK-400USB
  - AXIS T8311-12-13 Series

Recorded Viewing Features

- Flexible tile-swap across windows
- Tile maximize and restore with video preview of other tiles
- Tile pop-out
- Layout tear-out
- Navigation and alarm panel tear-out, auto-hide
- Pre/post event loop display
- Snap-shots
- Local recording
- Hot tiles for video pop-ups
- Operator-to-operator video routing
- Synchronized recorded playback with live view
- On screen event acknowledging via Event Tiles
- Embedded Video Matrix management interface
- Triggered video pop-ups via OnGuard Event Proxy

Advanced Forensics Tools

Prism simplifies the process of reviewing recorded video with advanced forensics tools:

- Evidence Locker to consolidate multiple data sources for managing and reporting incidents
- Event Storyboard to map out an incident sequentially
- Filmstrip mode to find missing or added objects in a continuous recorded video
- Post-recording motion search

Prism™’s embedded Video Matrix feature can be activated through additional licensing with no additional software required. Using Prism’s familiar interface, users can easily share video with other command center operations or monitors in remote locations.
Prism® is tightly integrated with the LNVR, adopting industry-standard RTP/RTSP transport protocols resulting in high-performance video storage and retrieval. This combination meets your needs whether you prefer to purchase your storage as a software-only package for deployment on Commercial Off-The-Shelf (COTS) server hardware or as benchmarked and optimized hardware-based turnkey solution. Through LNVR, Prism can view and configure hundreds of different models of third-party and Interlogix® cameras.

**Recorder Options**

![Lenel NVR](image)

**Prism System Requirements**

**Client Requirements**
- Minimum Intel® Core 2 Quad Processor
- Minimum 4GB of RAM (8GB, recommended)
- (S)ATA hard drive(s)
- XGA or higher video card PCI-Express, with OpenGL (v4.0 or above) hardware acceleration support, minimum 256 MB RAM
- 1024x768 or higher screen resolution
- 10/100/1000 Ethernet Network Interface Card
- CD-ROM drive
- Windows 8.1 Professional or Ultimate, Windows 7 Professional or Ultimate (64 bit)

*Note: For additional system benchmark data, go to partner.lenel.com*

**Server Requirements**
- Intel® Xeon® (Dual Core or better, recommended)
- 4 GB RAM (8GB, recommended)
- 250GB HDD
- XGA or higher video card
- 1024x768 or higher screen resolution
- 10/100/1000 Ethernet Network Interface Card
- CD-ROM drive
- Microsoft Windows Server 2012 (64-bit), or Microsoft® Windows® Server 2008 (64 bit)

*Note: Prism Server component installation on a Virtual Machine is supported as long as the Virtual Machine specifications meet or exceed these requirements.*
# Prism® Video Management System

## Base System Descriptions

<table>
<thead>
<tr>
<th>Professional</th>
<th>Enterprise</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Target Customer</strong></td>
<td>Ideal for mid-to-large installations in a campus environment</td>
</tr>
<tr>
<td><strong>Includes</strong></td>
<td>1 Prism management server</td>
</tr>
<tr>
<td></td>
<td>Unlimited use of the LNVR recorder software</td>
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<tr>
<td></td>
<td>Unlimited use of the client software</td>
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<tr>
<td></td>
<td>Note: no video channel license limit</td>
</tr>
<tr>
<td><strong>Video Channels</strong></td>
<td>Purchased Separately</td>
</tr>
<tr>
<td><strong>Video Matrix</strong></td>
<td>Purchased Separately</td>
</tr>
<tr>
<td><strong>OnGuard Integration</strong></td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Upgrade Options</strong></td>
<td>Enterprise</td>
</tr>
</tbody>
</table>