



NetEVS

Centralized Network Video Recorder and Management System for OnSSI Ocularis™ ES

Designed for scalable multi-server Ocularis deployments, NetEVS presents a new level of system-wide management and operational efficiency.

NetEVS is a multi-site, multi-server, centrally-managed distributed network video recorder (NVR), intended as a high-end recording solution for the OnSSI Ocularis ES Video-Centric PSIM (Physical Security Information Management) platform. NetEVS supports an unlimited number of recording servers, cameras and users, across the organizational network. These are monitored and investigated from anywhere on the network, via the Ocularis Client, in desktop and control-room video wall settings.

Designed for IT-savvy organizations, NetEVS' centralized system management dramatically reduces the complexity of managing edge devices, hardware, networking and user rights, thus increasing efficiency while lowering total cost of ownership.

Superior Camera and User Management NetEVS' central management application enables simple system-wide configuration through an intuitive rule-based administration interface. Adding recorders, cameras and camera groups, or changing camera attributes can be done seamlessly and simultaneously for multiple cameras connected to different NetEVS recording servers, with no interruption to ongoing video recording.

Camera and Hardware Support NetEVS runs on off-the-shelf PCs and servers, and supports IP cameras and video encoders by all leading manufacturers, as well as all industry-standard video formats. Choose the IP cameras that are right for the job or retrofit your existing analog cameras using video encoders.

Unparalleled Reliability NetEVS enables setting redundant recording servers, which provide automatic failover for mission-critical applications, preventing system down time and data loss.

Open Architecture As part of Ocularis' Event Fusion engine, open APIs and the optional software development kit (SDK) enable integration with video content analytics, access control, fire alarm, transaction and other physical security and IT systems. Operators are able to share the handling of events through a dynamically-updated alerts panel, and receive automatic push-video alerts generated across the Ocularis system.

Ocularis - THE Platform for IP Video Management OnSSI's Ocularis redefines the boundaries of intelligent IP video surveillance. Bringing together best-of-breed components, Ocularis responds to the IP video needs of today's organizations and security operations with automated detection and delivery of events and system-wide shared event handling. The high-performance Ocularis Client is the ultimate vehicle for displaying video, and browsing events and alerts via a host of investigation tools - all through an intuitive map-based, touch screen enabled interface that greatly reduces the operator's time to proficiency.



Ocularis Client: Instant Investigation
Playback, virtual joystick-assisted optical PTZ and digital PTZ controls



Map-Based Navigation
Instantly send cameras or camera groups to any display, using multiple, scalable maps



Investigation Tools
Access, investigate and export video of any incident within seconds

The NetEVS Advantage

- Support for IP cameras by all leading manufacturers
- Support for MPEG-4, MJPEG, H.263 & H.264.
- Standards-based, open-architecture technology, running on non-proprietary hardware
- Unlimited scalability - no limit on number of NetEVS recorders, and no software-imposed limits on number of cameras per recording server.
- All recording servers, connected devices and users are centrally managed by the NetEVS Management Server. All configuration data is stored in a central SQL database.
- Push software upgrades to remote recorders - eliminates the need to update each recorder locally.
- Flexible rule-based management - camera definitions, output actions and storage location can dynamically adjust based on schedule (multiple time profiles) or on-event, with simultaneous configuration of entire device groups connected to multiple recorders.
- Flexible storage allocation - storage allocation, based on either size or retention period, is allocated per camera or camera group.
- Automatic detection and model identification of connected devices - NetEVS will scan the entire camera network or IP address range to identify new or modified cameras and encoders.
- Detailed auditing tools - all management operations, including system configurations, event definitions, rules and alerts, are logged at a central SQL database, with local offline log caching.
- Full automatic failover capability - single or multiple failover servers can be configured to automatically activate in the event of a recording server failure.
- Multicasting support - allows a large number of users to simultaneously access the same live video stream (must be supported by the network infrastructure).
- Multi/dual-stream support - separate video streams, at different resolution and video format settings, can be assigned for live monitoring and recording.
- Support for IPv4 and IPv6 (128-bit addressing), as well as DNS and NAT (Network Address Translation.)
- Runs on multiple networks for increased security and improved bandwidth management
- Configurable actions: multiple actions, including push-video on event, alarms, and system status notifications (e.g. camera failure) can be scheduled or assigned to specific events.
- Remote User Authentication - based on Microsoft Active Directory or local Windows user accounts.
- Recorded video can be exported for court evidence in JPEG, AVI or multi-camera database format.
- Integration with physical security (access control, contact closure and more), video content analytics and transaction systems; composite alerts generated via Ocularis Event Fusion.
- Access to video via the feature-rich Ocularis Client:
 - Intuitive, touchscreen-enabled unified interface
 - Map-based access to cameras and camera groups
 - Unlimited configurable camera group views
 - Instant playback during live monitoring, assisted by optical (when available) and digital PTZ
 - Virtual joystick for easy optical PTZ operation
 - Flexible carousel functionality, with instant review, PTZ controls and carousel back/forward/pause
 - Full-fledged video wall management (optional)
 - Automatic, event-driven Push Live Video alerting
 - Powerful investigation tools, including the scalable Kinetic Motion Timeline; digital PTZ; auto-generation of time interval and motion thumbnails via the Time Slicer and Motion Slicer; and instant access to alerts generated by access control and other physical security systems
 - Comprehensive bookmarking and evidence management tool
 - Shared event handling, among multiple operators at multiple locations

Ordering Information

Ocularis Base Requirement

NetEVS camera licenses can be used only in conjunction with the Ocularis ES Base. This version also allows connecting NetDVMS- licensed cameras.

NetEVS Camera Licenses

NetEVS for Ocularis is ordered on a per-connected camera (or encoder channel) basis. The NetEVS Recording Server, Redundant Server and Management Application may be installed on an unlimited number of computers, with no licensing required.

To order camera licenses, use order code OC-EVS-1C.

Software Upgrade Plan

A Software Upgrade Plan (SUP) for 1-5 years is optional. Must be ordered for all system components; not available for individual components.

Subsequent SUP purchases will extend the entire system's SUP expiration date, proportional to system size and the SUP time-to-expiration.

To order the SUP, use order code SUP-OC-EVS-1C-4Y (e.g., for 4-year plan.)

A full-value trade-in credit upgrade is available for users currently operating the Ocularis DS Base software with valid Software Upgrade Plan (SUP)*.

Compatible with Cameras and Video Encoders by:

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|------------------|-------------------|
| • ACTi | • Mobotix |
| • Advantech | • Panasonic |
| • Arecont Vision | • Pelco |
| • Axis | • Provideo |
| • Barix | • Samsung |
| • Basler | • Samsung Techwin |
| • Bosch | • Sanyo |
| • Canon | • Siemens |
| • Checkview | • Sony |
| • DvTel | • Toshiba |
| • GE Security | • UDP Technology |
| • IQInvision | • Vantage |
| • JVC | • Verint |
| • Linudix | • Vivotek |

Visit www.onssi.com for an updated list of supported models.

Minimum Hardware Requirements

Hardware requirements depend on the system's camera count, frame rate and resolution. For complete, up-to-date recommendations, please visit our website at www.onssi.com.

* Subject to change without prior notice.



For more information, please contact:

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