

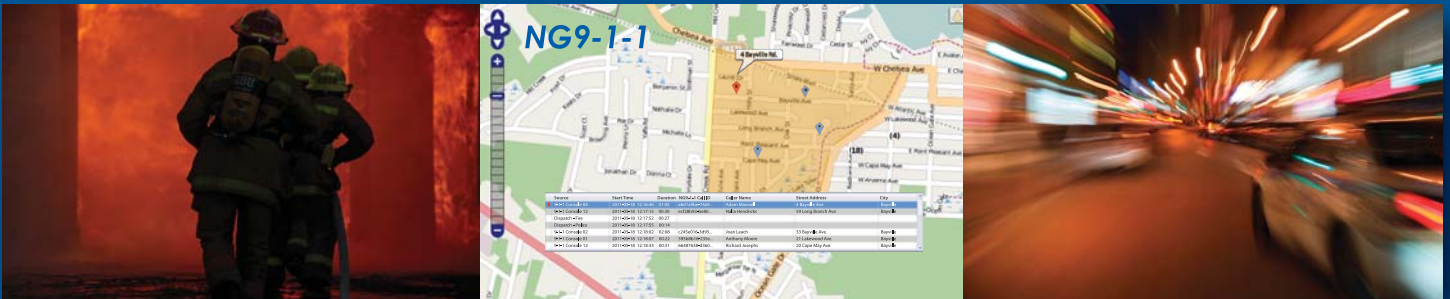
Eventide®

NexLog™

Next Generation
Communications Logging Recorders

Mission-Critical Call Recording

Next Generation 9-1-1 Logging



VoIP • Digital • Analog • RoIP • Radio

Incident Replay • Call Evaluation

Eventide®

NexLog™

Next Generation

Communications Logging Recorders

Eventide invented the digital communications recorder in 1989, and has long been a pioneer in the use of digital signal processing (DSP) for advanced recording and audio applications.

Eventide **NexLog™** mission-critical communications logging systems reliably *capture, store, protect, reproduce, and manage* important interactions and critical data. **NexLog** logging systems help users to document and retrieve incidents, comply with regulations, and improve operations.

NexLog communications logging systems offer outstanding flexibility and ease of use, with a choice of advanced-capability remote software or convenient front panel operation. Call records are stored in a state-of-the-art SQL relational database, and **NexLog** logging systems feature an embedded Linux operating system for maximum reliability and seamless compatibility with your existing Windows infrastructure.

Eventide **NexLog** communications loggers offer multiple levels of resilience, including redundant power supplies, redundant hard disk drives (choices of RAID levels 1, 5, or 1+0), and multiple choices for archive redundancy and network-based archive storage.

System Features

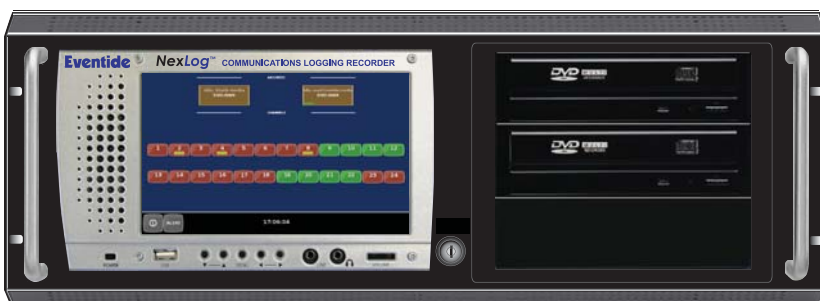
- » High-reliability network-ready logging server with embedded Linux and SQL database
- » NG9-1-1 recording and logging support
- » Redundant power supplies and hard disk drives
- » Multi-tier security with auto-expiring passwords
- » Full-time recording for compliance
- » Distributed recording for enterprises
- » Records digital PBX, VoIP, analog, T1/E1, ISDN, SIP
- » Records NG9-1-1 interactions via "SIP-Invite"
- » Records IP-dispatch consoles, RoIP systems
- » Records trunked and conventional 2-way radio
- » Captures DNIS, CLID from your switch
- » 9-1-1 ANI/ALI and SMDR/CDR integrations
- » Up to 500,000 hours of on-line storage
- » Local archive to DVD-RAM, HDD, or USB drives
- » Network archive to multiple/redundant NAS
- » Central archive to another NexLog logger
- » Live-monitoring of multiple channels
- » Recording of desktop PC screen activity¹
- » Web-based configuration manager software
- » LCD color touch screen option for full control, incident replay, monitoring, and configuration



NexLog 740

Communications Logging Recorder

- 3U platform • Redundant Power • Redundant HDDs
 - 8 - 96 Analog channels • 8 - 96 Digital PBX channels
 - 24 - 192 T1/PRI channels • 30 - 240 E1 channels
 - 8 - 96+ VoIP channels • 8 - 96 NG9-1-1 SIP channels
- [Shown with optional color LCD touch screen]



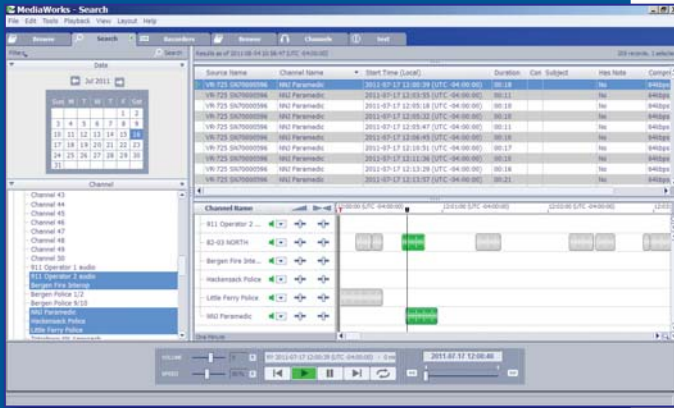
NexLog 840

Communications Logging Recorder

- 4U platform • Redundant Power • Redundant HDDs
 - 8 - 192 Analog channels • 8 - 192 Digital PBX channels
 - 24 - 240 T1/PRI channels • 30 - 240 E1 channels
 - 8 - 96+ VoIP channels • 8 - 96 NG9-1-1 SIP channels
- [Shown with optional color LCD touch screen]

Incident Replay and Management

Eventide MediaWorks™ browser-based¹ or client software provides enhanced recording management capabilities including flexible search, multiple-call replay via graphical time-line with



pan/zoom, variable-speed replay, drag & drop into incident tabs, redaction, protection, burn calls or incident to CD, export or email incident, live monitor and instant recall.

MediaAgent™ software provides agents, call takers, and dispatchers with preset-based instant recall, variable-speed replay, record-on-demand, text annotation, and export to WAV.

Next Generation 9-1-1 Recording and Logging



NG9-1-1 Recording

NexLog communications logging systems have been designed to comply with the NENA standard for recording of NG9-1-1 primary interactions via the "SIP-Invite" method. The resulting recordings are immediately available for replay, instant recall, forensic research, incident management, burn-to-CD, email, and export.

NG9-1-1 Logging

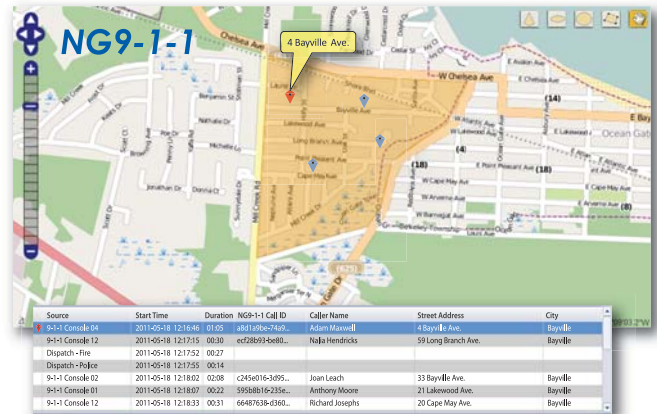
NexLog logging systems also support a standards-compliant NG9-1-1 event logging web service¹ that allows other NG9-1-1 sub-systems (functional elements) to deposit and retrieve data such as call routing logs and geo-location. This web-service interface also permits other systems to receive an incident's recorded media via RTSP.

Call Evaluation and Reporting

An optional call evaluation module¹ allows supervisors to efficiently evaluate calls for key attributes such as *fact-finding*, *voice clarity*, *situational control*, *adherence*, *empathy*, and *accuracy*. Evaluation questions and forms can be quickly adapted for special incidents, changing protocols, and new requirements. Evaluation reports help supervisors measure call handling quality and track performance by individual, by group, or by entire center.

Enhanced Logger Reports

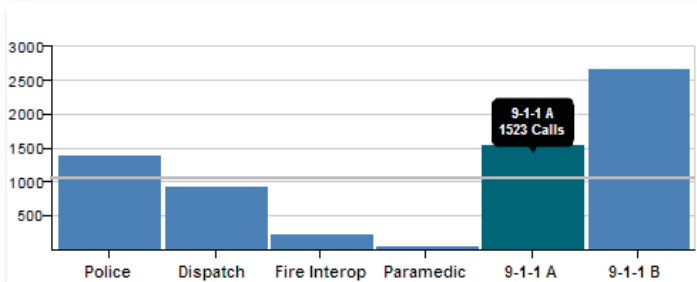
NexLog communications logging systems include tabular and graphical reports that can be run at any time. These daily, weekly, and monthly reports provide managers with valuable information about call volumes and channel activity.



Location data can be logged and retrieved via the NexLog NG9-1-1 event logging web service, enabling the development of advanced and upcoming applications, such as browser-based searching for recordings by location geo-shape¹.

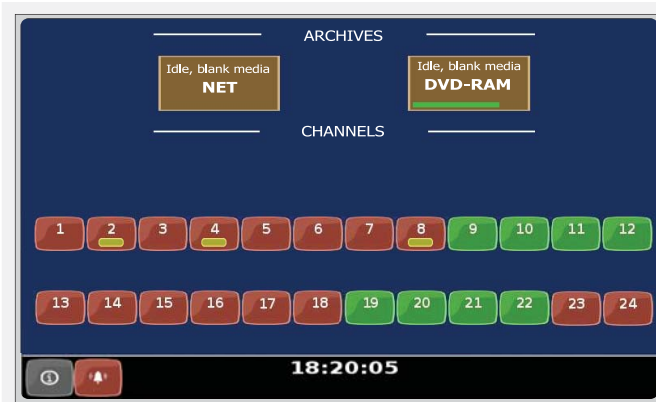
Browser-based Configuration Manager

NexLog communications loggers include the NexLog Configuration Manager software, which permits secure browser-based access to system configuration parameters. NexLog Configuration Manager software also allows the administration of password policies and assignment of each user's system access permissions.

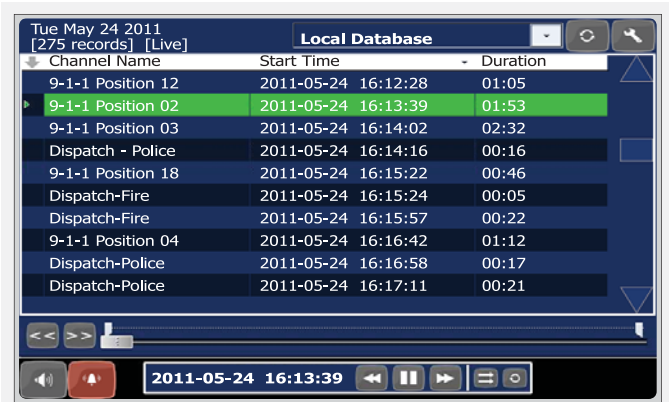


Color LCD Touch Screen Option

The available color touch screen provides convenient control and replay at the logger's front panel. You can view the status of channels, archives and alerts, live-monitor channels, and configure the system. Playback functions include search and replay, protect calls, create incidents, add calls to an incident, export, email, and burn to CD.



Info mode: Status of channels, archives, and alerts; Live-monitor



Replay mode: Search, playback, build incidents, export, burn to CD.

Technical Specifications - NexLog Communications Logging Recorders

System platform	▪ Non-proprietary recording and logging appliance ▪ Embedded Linux operating system ▪ Relational SQL database	
Hardware base	▪ Industrial motherboard or SHB with Intel quad-core CPU	
Security	▪ User profiles control access by role and channels ▪ Programmable password expiration ▪ User access and actions audited	
Local system control	▪ Control via keyboard, display, and mouse ▪ Control via optional 7" color LCD touch screen on front panel	
Front panel audio controls	▪ Volume control ▪ Headset jack ▪ Line out (re-record) jack ▪ Built-in amplified speaker	
Configuration utility	▪ Web-based NexLog Configuration Manager software for complete system management	
Compression rates	▪ 13kbs GSM ▪ 16kbs ADPCM ▪ 32kbs ADPCM ▪ 64kbs PCM	
Audio characteristics	▪ Frequency response: 200 Hz to 3400 Hz ▪ Signal/Noise: >50dB ▪ Crosstalk: -60dB ▪ AGC: programmable	
Record activation	▪ VOX ▪ Off-hook ▪ Continuous ▪ Scheduled ▪ On-demand ▪ Optional contact closure detection	
Network	▪ Ethernet 10/100/1000Mbps ▪ TCP/IP protocol ▪ Dual NIC binding supported	
Time synchronization	▪ Network time protocol (NTP) ▪ RS-232 ▪ Optional IRIG-B card	
Analog interface	▪ High-impedance (10kOhm) inputs ▪ Integrated beep (warning) tone generation ▪ Tip/Ring voltage detection	
Digital PBX telephone interface	▪ Passive recording for a wide range of popular digital PBX telephones	
T1/E1 interface	▪ High-impedance passive recording ▪ T1 ▪ T1/ISDN-PRI ▪ E1 ▪ E1/ISDN30	
VoIP recording interface	▪ Passive recording via port mirroring of a wide range of VoIP PBX telephones and SIP trunks ▪ Cisco BiB active recording	
IP Dispatch and RoIP interface	▪ Recording of unicast or multicast RTP audio ▪ IP-dispatch console systems ▪ RoIP interoperability systems	
Next Generation 9-1-1 interface	▪ SIP-Invite method for recording NG9-1-1 primary interactions ▪ NG9-1-1 data logging web service (Note 1)	
	NexLog 740	NexLog 840
Channel capacities (Note 2)	<ul style="list-style-type: none"> ▪ VoIP phones: 8 - 96+ ch. ▪ NG9-1-1 VoIP: 8 - 96 ch. ▪ Digital 2-wire: 8 - 96 ch. ▪ T1/ PRI: 24 - 192 ch. ▪ Mitel, Rolm, or 4-w digital: 4 - 48 ch. 	<ul style="list-style-type: none"> ▪ SIP trunks: 8 - 96 ch. ▪ Analog 2-wire: 8 - 96 ch. ▪ ISDN-BRI: 4 - 48 circuits ▪ E1/ISDN30: 30 - 240 ch. ▪ Mitel, Rolm, or 4-w digital: 4 - 96 ch.
Hard disk drive array options	<ul style="list-style-type: none"> ▪ 500 GB RAID-1 [2 x 500 GB] ▪ 2 TB RAID-1 [2 x 2 TB] ▪ 3 TB RAID-5 [4 x 1 TB] ▪ RAID 1+0 ▪ SAN FC-interface 	<ul style="list-style-type: none"> ▪ 1 TB RAID-1 [2 x 1 TB] ▪ 1.5 TB RAID- 5 [4 x 500 GB] ▪ 1 TB RAID-1 [2 x 1 TB] ▪ 1.5 TB RAID- 5 [4 x 500 GB] ▪ RAID 1+0 ▪ SAN FC-interface
Archive options	<ul style="list-style-type: none"> ▪ Network archive to NAS ▪ USB Flash drive(s) ▪ Single/dual 9.4GB DVD-RAM ▪ Removable 500GB HDD 	<ul style="list-style-type: none"> ▪ Central archive ▪ USB HDD(s) ▪ Removable 500GB HDD ▪ Removable 500GB HDD(s)
Power supplies	<ul style="list-style-type: none"> ▪ Dual hot-swap supplies ▪ 100-240 VAC, 50/60Hz ▪ 350 W 	
Form factor, Physical	<ul style="list-style-type: none"> ▪ 3U, rack-mountable ▪ 50 to 80 pounds (23 to 34 kg) ▪ 5.25"H [134mm] x 19"W [482mm] x 24"D [610mm] 	<ul style="list-style-type: none"> ▪ 4U, rack-mountable ▪ 65 to 95 pounds (30 to 43.2 kg) ▪ 7"H [178mm] x 19"W [482mm] x 26"D [661mm]
Environmental requirements	(Operating) ▪ Temperature: +5C (41F) to 40C (104F) ▪ Humidity: 10-80%RH, non-condensing	

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Note 1: Capability or feature may be pending/planned for future software release(s).

Note 2: Check with Eventide for hybrid (mixed-type) channel capacities, and for pre-sales review of digital telephone, VoIP telephone, and VoIP codec req'ts.