Eventide®

NexLog™

Next Generation

Communications Logging Recorders

Mission-Critical Call Recording Solutions

NG 9-1-1 • P25 • LMR • IP Dispatch • VoIP • ATC

Incident Reconstruction • Instant Recall • QA

Screen Capture • SIP • Digital • Analog • T1/E1

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Eventide NexLog IP-based communications logging systems help you securely document and retrieve incidents, comply with regulations, and improve your facility's operations by reliably capturing, storing, protecting, and managing important interactions and critical data.

The NexLog suite of products includes:

- **NexLog Communications Logging Recorders:** Linux-hardened platforms with multiple levels of redundancy.
- **MediaWorks PLUS Software:** Browser-based replay, instant recall and incident reconstruction software that helps you find and export recordings faster than ever before.
- **Quality Factor Software:** Agent evaluation and reporting for scoring performance and identifying training needs.
- **Screen Recording:** Captures desktop PC activity, including multimedia interactions. Screen recording helps supervisors evaluate agents' performance and skills with important call-handling & dispatch software applications.

Public safety, government, institutional and industrial customers at thousands of sites worldwide trust Eventide mission-critical logging systems to reliably record and protect their most important interactions and related data.

System Features

- High-reliability network-ready logging system with embedded Linux OS and SQL database
- Redundant disk drives and power supplies
- Multi-tier security, auto-expiring passwords
- Web-based configuration manager software
- Up to 2 million hours of on-line audio storage
- Next Generation 9-1-1 interaction recording
- P25, DMR, and NXDN digital radio recording
- Next Generation ATC (ED137B) recording
- VoIP, analog, digital and T1/E1/ISDN recording
- IP-dispatch console and RoIP recording
- Desktop PC multi-screen recording
- Quality Factor evaluation software
- 9-1-1 ANI/ALI and SMDR/CDR integrations
- DNIS and CLID capture from your switch
- Blu-ray and DVD-RAM archive options
- Archive to USB Flash or USB HDD
- Network archive to multiple/redundant NAS
- Central archive to another NexLog recorder
- Web-based incident replay tool, with export to CD, DVD, Blu-ray or email
- Live-monitoring of multiple channels
- Instant Recall desktop software options
- LCD touch screen option for incident replay, monitoring, control and configuration
- ***Next Generation 9-1-1*** recording and logging options, including the i3-conformant SIPrec method of interaction recording.

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 - 240 VoIP channels • 8 - 240 SIPrec channels
• 8 - 240 P25, DMR or NXDN digital radio channels
(Shown with optional color LCD touch screen)

NexLog 840

Communications Logging Recorder

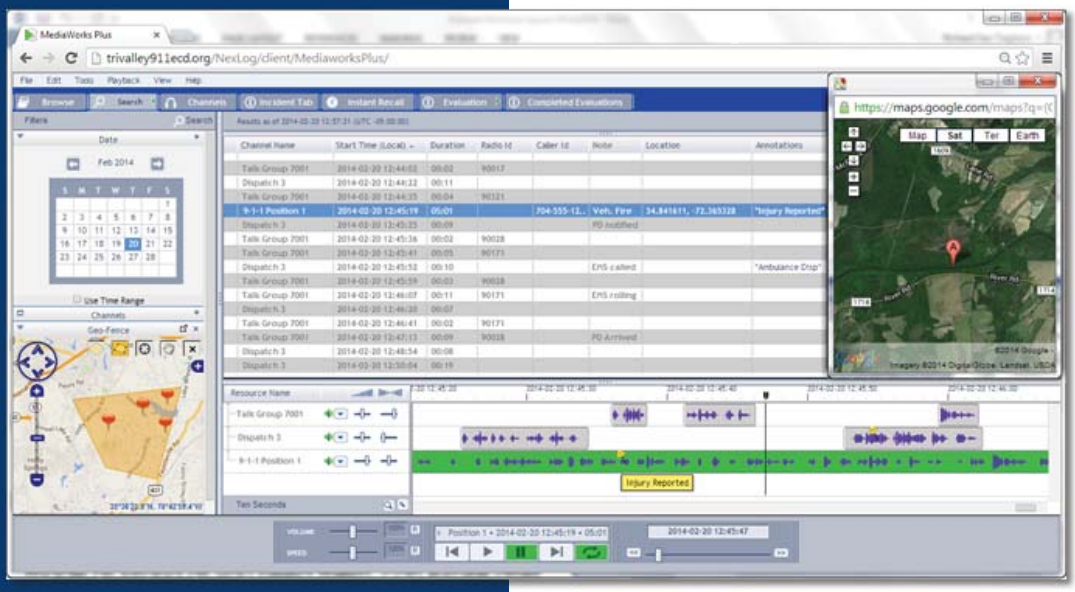
• 4U platform • Redundant power • Redundant HDDs
• 8 - 240 Analog channels • 8-240 Digital PBX channels
• 24 - 240 T1/PRI channels • 30 - 240 E1 channels
• 8 - 240 VoIP channels • 8 - 240 SIPrec channels
• 8 - 240 P25, DMR or NXDN digital radio channels
(Shown with optional color LCD touch screen)

Web-based Incident Management & Replay

Eventide MediaWorks PLUS browser-based software provides you with a comprehensive set of easy-to-use tools for search, replay, instant recall, incident reconstruction, export and much more. MediaWorks PLUS software lets you securely access recordings from networked PCs using Chrome, Firefox or Internet Explorer.

Capabilities include:

- **Multi-parameter search**
- **Geo-fence search**
- **Graphical time-line**
- **Variable-speed replay**
- **Waveform displays**
- **Text annotations**
- **Call notes**
- **Audio redaction**
- **Screen replay**
- **View location**
- **SMS-2-911 TTY replay**
- **TDD replay (45-baud)**
- **Call protection**
- **Live monitor**
- **Instant recall**
- **Talking time & date**
- **Burn to DVD or Blu-ray**
- **Export & email incidents**



NexLog PC Screen Recording

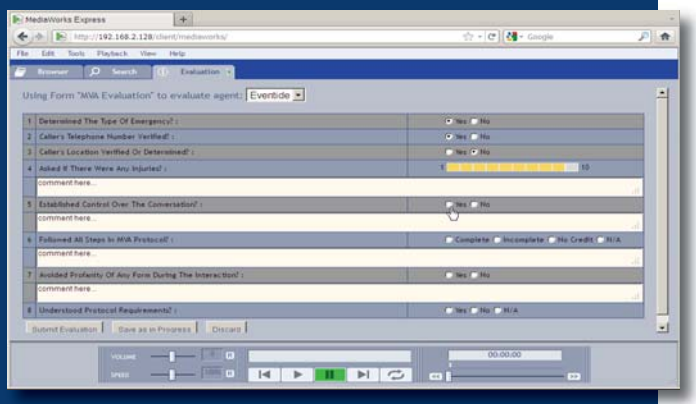
The screen recording option documents the important activities (including multi-media) that occur during incident handling, and allows supervisors to view Agents' software skills during performance evaluation.

Air Traffic Management Recording

NexLog systems are designed to meet the special needs of ATC and ATM centers, with interfaces available for Next Generation ED137b, 2-wire and 4-wire analog, T1/E1, and replay synchronization.

Call Evaluation & Reporting

Eventide's Quality Factor software option allows supervisors to efficiently evaluate call handling and dispatch activities for key attributes such as fact finding, control, empathy and accuracy.



Evaluation questions & forms can be quickly adapted as protocols change. Reports help supervisors measure quality trends over time.

System Resilience and Redundancy

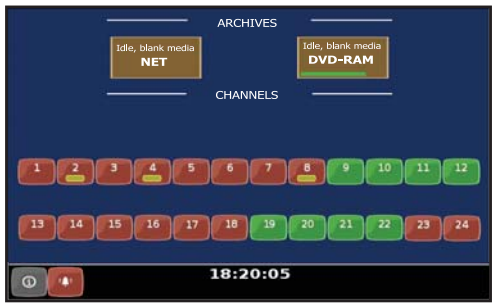
NexLog communications loggers offer multiple levels of resilience, including redundant power supplies, redundant disk drives with choice of RAID level 1, 5, or 10, multiple archive redundancy choices, and geo-diverse network archiving.

NexLog loggers are available in fully-redundant pairs that provide parallel recording of mission-critical communications for 9-1-1, Dispatch, Air Traffic Control, and other applications.

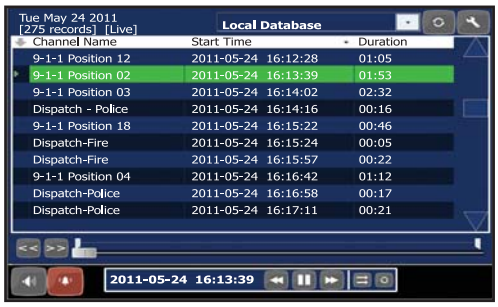
NexLog™ *Next Generation Communications Logging Recorders* Eventide®

Color LCD Touch Screen Option

The available touch screen provides convenient control and audio replay at the front panel. You can view channel status, archives and alerts, live monitor channels, and configure the system. Playback functions include search, replay, protect, create an incident, export & burn to CD.



Info mode: Channels, Archives, Alerts, Live Monitor



Replay mode: Search, Replay, Build Incidents, Export

Technical Specifications - NexLog Communications Logging Recorders

System platform	▪ Non-proprietary turnkey recording and logging appliance ▪ Embedded Linux operating system ▪ Relational SQL database	
Hardware base	▪ Industrial-grade COTS Motherboard or System Host Board ▪ Intel "Core2 Quad" CPU ▪ 19" wide rack-mountable chassis	
Security	▪ Multiple user profiles control access down to the channel (or talk group) level and user role ▪ Programmable password expiration	
Auditing of User Actions	▪ Users' access and actions are audited (date/time, user action, success/result, description)	
Local system control	▪ Control via optional 7" color LCD touch screen on front panel ▪ Control via optional keyboard, display, and mouse	
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 (analog/digital)	▪ 13Kbs GSM (167,000 Hr/TB) ▪ 16Kbs ADPCM (138,000 Hr/TB) ▪ 32Kbs ADPCM (69,000 Hr/TB) ▪ 64Kbs PCM (34,000 Hr/TB)	
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 ▪ Contact closure detection option ▪ API-control option	
Playback and Monitoring	▪ Simultaneous record & playback capability ▪ Live monitoring of individual channels or multiple channels	
Search Parameters	▪ Channel name ▪ Channel number ▪ Time ▪ Date ▪ Duration ▪ Call direction ▪ Dialed number ▪ Caller ID number ▪ Location ▪ More	
Network	▪ Dual Ethernet 100/1000Mps ▪ Add-on NIC options ▪ TCP/IP protocol ▪ NIC bonding supported ▪ VoIP SPAN via dedicated NIC	
Time synchronization	▪ Network time protocol (NTP) ▪ RS-232 ▪ Optional IRIG-B card	
Analog interface	▪ 2-wire high-Z 10K ohm balanced (FCC 68 certified) ▪ 4-wire mode ▪ Hi-Z inputs record passively from 600 ohm balanced circuits ▪ Beep tone ▪ Tip/Ring DCV detection ▪ DTMF, MF and CLI detection ▪ MDC1200 decode option ▪ 45 Baud TTY decode option	
Digital PBX telephone interface	▪ Passive recording for a wide range of digital PBX telephones by Alcatel, Avaya, Mitel, NEC, Nortel, Toshiba, Siemens, and more	
T1/E1/ISDN interfaces	▪ High-impedance passive recording options (T1, ISDN-PRI, E1, ISDN30, ISDN2 trunks) ▪ Terminating card options for T1, E1.	
VoIP telephony recording interfaces	▪ Passive recording (via port mirroring) for a wide range of VoIP PBX telephones including Alcatel, Avaya, Cisco, Ericsson, Mitel, NEC, Nortel, Siemens, more ▪ SIP trunk recording ▪ Cisco Built-in-Bridge recording ▪ G.711, G.722 are standard ▪ G.729 optional	
IP Dispatch and Radio over IP recording interfaces	▪ Recording of unicast or multicast RTP audio and specialized SIP feeds from dispatch console and RoIP systems, including: ▪ Zetron ACOM ▪ Zetron MAX ▪ Avtec Scout ▪ Telex IP dispatch ▪ Mindshare IP dispatch ▪ MCC-7500 dispatch via AIS	
P25 radio system recording interfaces	▪ Motorola ASTRO 25 recording via licensed AIS interface ▪ EF Johnson ATLAS 25 via privileged interface ▪ Harris VIDA P25 system* ▪ TAIT P25 via ISSI* (*planned - 2014)	
Additional LMR recording interfaces	▪ TAIT DMR Tier 3 (trunked) ▪ TAIT MPT-IP ▪ Icom iDAS (conventional) ▪ Fylde MPT1327 metadata integration ▪ Motorola MotoTRBO Connect-Plus via Avtec VP-Gate ▪ Kenwood NexEdge via M4x interface ▪ Call for TETRA and others	
9-1-1 and E9-1-1 recording interfaces	▪ CAMA trunk recording with MF-ANI detection ▪ Position-based recording (analog or VoIP) ▪ ANI/ALI CAD-Spill integration option ▪ CDR integration option ▪ T1 passive recording ▪ SIP recording via SPAN port for pre-NG911 SIP trunk environments	
Next Generation 9-1-1 interfaces	▪ NG9-1-1 multimedia recording via i3-standard SIPREC method ▪ NG9-1-1 data logging web service option	
Air Traffic Control interfaces	▪ Analog 2-wire ▪ Analog 4-wire ▪ ED137B-Part 4 VoIP recording interface ▪ T1/E1 from VCS ▪ Replay synchronization options	
	***NexLog* 740 Recorder**	***NexLog* 840 Recorder**
PCI Card Slots	▪ 4 full-length PCI card slots ▪ 1 short-length PCI slot	▪ 10 full-length PCI card slots
Channel capacities	▪ VoIP phones: 8-240 ch. ▪ SIP trunks: 8-240 ch. ▪ P25, DMR, NXDN: 8-240 ch. ▪ IP dispatch: 8-240 ch. ▪ Analog 2-wire: 8-96 ch. ▪ Analog 4-wire: 4-48 ch. ▪ Digital 2-wire: 8-96 ch. ▪ Mitel/Digital 4-wire: 4-48 ch. ▪ NG9-1-1 SIPrec: 8-240 ch. ▪ ISDN-BRI: 4-48 trunks ▪ T1/ PRI: 24-192 ch. ▪ E1/ISDN30: 30-240 ch.	▪ VoIP phones: 8-240 ch. ▪ SIP trunks: 8-240 ch. ▪ P25, DMR, NXDN: 8-240 ch. ▪ IP dispatch: 8-240 ch. ▪ Analog 2-wire: 8-240 ch. ▪ Analog 4-wire: 4-120 ch. ▪ Digital 2-wire: 8-240 ch. ▪ Mitel/Digital 4-wire: 4-120 ch. ▪ NG9-1-1 SIPrec: 8-240 ch. ▪ ISDN-BRI: 4-120 trunks ▪ T1/ PRI: 24-240 ch. ▪ E1/ISDN30: 30-240 ch.
Disk drive array options	▪ 1 TB RAID-1 [2 x 1TB HDD] ▪ 2 TB RAID-1 [2 x 2TB HDD] ▪ 4 TB RAID-1 [2 x 4TB HDD] ▪ 3 TB RAID-5 [4 x 1TB HDD] ▪ 6 TB RAID-5 [4 x 2TB HDD] ▪ 12 TB RAID-5 [4 x 4TB HDD] ▪ 2 TB RAID-10 [4 x 1TB HDD] ▪ 4 TB RAID-10 [4 x 2TB HDD] ▪ 8 TB RAID-10 [4 x 4TB HDD] ▪ SAN and SSD options - call	▪ 1 TB RAID-1 [2 x 1TB HDD] ▪ 2 TB RAID-1 [2 x 2TB HDD] ▪ 4 TB RAID-1 [2 x 4TB HDD] ▪ 3 TB RAID-5 [4 x 1TB HDD] ▪ 6 TB RAID-5 [4 x 2TB HDD] ▪ 12 TB RAID-5 [4 x 4TB HDD] ▪ 2 TB RAID-10 [4 x 1TB HDD] ▪ 4 TB RAID-10 [4 x 2TB HDD] ▪ 8 TB RAID-10 [4 x 4TB HDD] ▪ SAN and SSD options - call
Archive options	▪ NAS archive ▪ Central archive ▪ Single or dual Blu-ray ▪ Single or dual DVD-RAM ▪ USB Flash ▪ USB HDD ▪ Removable 500 GB HDD ▪ Removable 1 TB HDD	▪ NAS archive ▪ Central archive ▪ Single or dual Blu-ray ▪ Single or dual DVD-RAM ▪ USB Flash ▪ USB HDD ▪ Removable 500 GB HDD ▪ Removable 1 TB HDD
Power supplies	▪ Dual hot-swap ▪ 100-240VAC 50/60Hz ▪ 48Vdc option ▪ 350W	▪ Dual hot-swap ▪ 100-240VAC 50/60Hz ▪ 400W
Form factor, Physical	▪ 3U, rack-mountable ▪ 50 to 80 pounds (23 to 34 kg) ▪ 5.25"H [134mm] x 19"W [482mm] x 24"D [610mm]	▪ 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	▪ Temperature (operating): +5C (41F) to 40C (104F) ▪ Humidity (operating): 10-80%RH, non-condensing	

Check with Eventide for hybrid (mixed-type) channel capacities, and for pre-sales review of digital telephone, LMR, VoIP telephone, and VoIP codec compatibility.

Eventide®
Eventide Inc.
One Alsan Way, Little Ferry, NJ 07643 USA
www.eventide.com
Tel. +201-641-1200 Fax +201-641-1640