

NexLog Overview

NexLog

Communications Logging Recorders



History

- 30 Years of experience building and supporting Communication Loggers
- 6,000+ systems deployed around the world
- Focused on Mission Critical telephone and radio communication recording
 - 2,600 PSAPs, ATC for 60 countries, DoD, Manufacturing, Healthcare, Airlines, Airports, Transit
- Designed and manufactured in Little Ferry, NJ
 - No overseas developers or support personnel.
 - Two version releases a year on average

Key Eventide Benefits

- **Reliable**
 - Linux Operating System
 - Easily installed
 - Supported by trusted dealers

- **Easy to use**
 - Intuitive user interface
 - LMR, Console, Telephone Integrations make searching faster and easier
 - “Right Click” for almost all functionality

- **Growth Path –**
 - Quality Assurance with Word Search
 - Screen Capture
 - Reporting Engine
 - NENA i3 Next Generation 911 Ready

► *NexLog* Recorder



NexLog

Up to 560 Channels of VoIP/Analog/Digital Audio/Metadata sources in one 3U server.

Optional front panel control for convenience and redundancy.

Hardware/Software Recording Solution for single vendor support.

► NexLog 740 and NexLog 840 Recorders

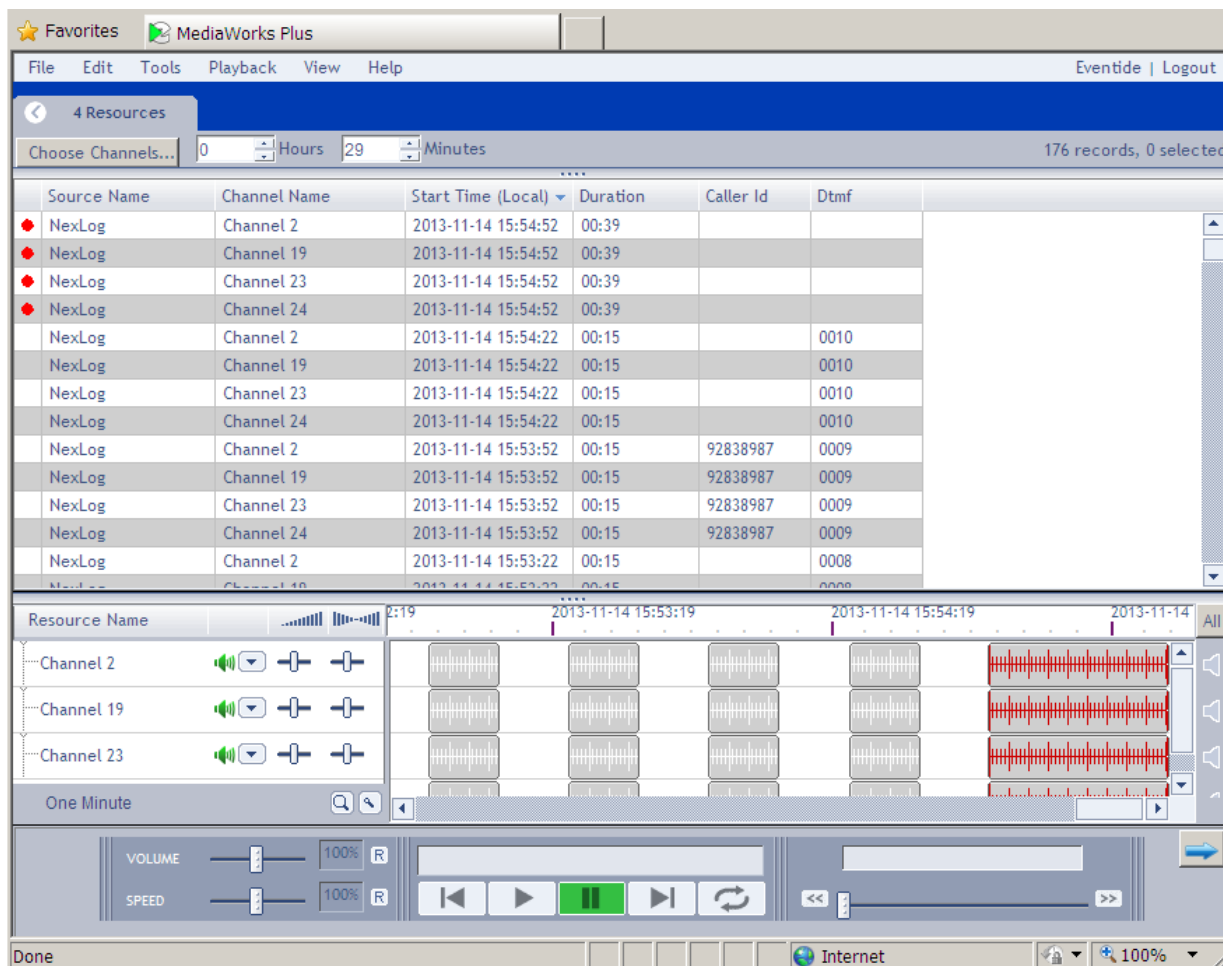
- **Embedded Linux** and PostgreSQL for high-reliability
- Redundant hard disk drives – RAID Level 1, 5, or 10
 - Standard Mirrored Fixed RAID 1 drives (Solid State Drives Available)
 - Hot Swappable Disk Arrays
 - RAID 1 and 5 Hot Spare configurations available.
- Ships with 1 Terabyte of HDD storage = 167,000 Hours
 - Can go up to 12 TBs
- Archive to DVD-RAM, Blu-Ray, USB Drives, RDX Cartridges or Network Attached Storage (NAS) devices for Geo-Diverse Archiving

► NexLog 740 and NexLog 840 Recorders

- Redundant network support (Network Interface Cards Binding)
 - Ships with 2 NICs – supports up to 6 NICs per NexLog
- Hot-Swappable Redundant load-sharing power supplies with 2 power cords to connect to two different electrical circuits
- User based privileges and alerting
 - Limit access down to the individual user with strong password tools
 - Active Directory integration
 - Detailed Audit Trails
 - Alerts specific people based on level 1, 2, or 3 diagnostic alerts, e-mail, SNMP, NexLog Monitoring Agent, "Heartbeat", Channel Inactivity Alerts.

MediaWorks Plus – Browser Based Instant Recall

- No Separate Licenses Required
- Playback while call is ongoing
- Programmable recall limit
- Live monitoring
- Channels/Time settable on a per user basis



The screenshot displays the MediaWorks Plus web interface. At the top, there's a navigation bar with 'File', 'Edit', 'Tools', 'Playback', 'View', and 'Help'. Below this is a table of call records with columns: Source Name, Channel Name, Start Time (Local), Duration, Caller Id, and Dtmf. The table shows several records for NexLog on various channels (2, 19, 23, 24) with start times around 2013-11-14 15:54:52 and durations of 00:39. Below the table is a playback control panel with a timeline showing three time segments: 2013-11-14 15:53:19, 2013-11-14 15:53:19, and 2013-11-14 15:54:19. The panel includes volume and speed sliders, and playback buttons (play, pause, stop, previous, next). The bottom status bar shows 'Done' and 'Internet'.

Source Name	Channel Name	Start Time (Local)	Duration	Caller Id	Dtmf
NexLog	Channel 2	2013-11-14 15:54:52	00:39		
NexLog	Channel 19	2013-11-14 15:54:52	00:39		
NexLog	Channel 23	2013-11-14 15:54:52	00:39		
NexLog	Channel 24	2013-11-14 15:54:52	00:39		
NexLog	Channel 2	2013-11-14 15:54:22	00:15		0010
NexLog	Channel 19	2013-11-14 15:54:22	00:15		0010
NexLog	Channel 23	2013-11-14 15:54:22	00:15		0010
NexLog	Channel 24	2013-11-14 15:54:22	00:15		0010
NexLog	Channel 2	2013-11-14 15:53:52	00:15	92838987	0009
NexLog	Channel 19	2013-11-14 15:53:52	00:15	92838987	0009
NexLog	Channel 23	2013-11-14 15:53:52	00:15	92838987	0009
NexLog	Channel 24	2013-11-14 15:53:52	00:15	92838987	0009
NexLog	Channel 2	2013-11-14 15:53:22	00:15		0008

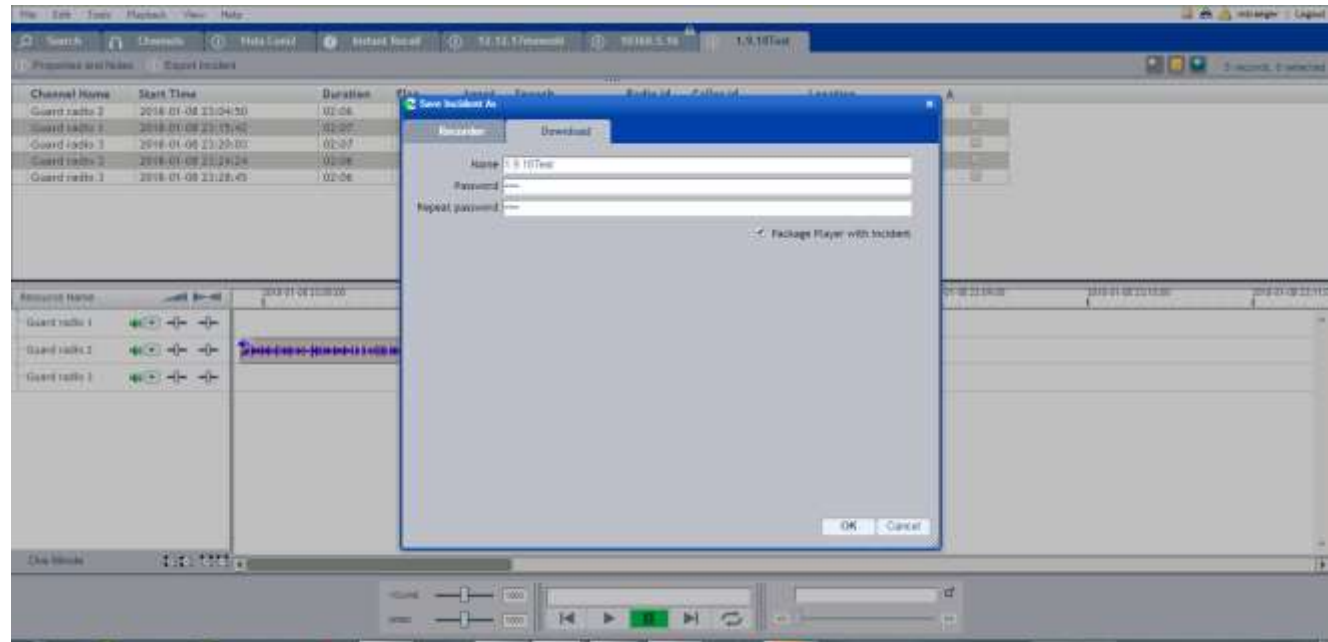
MediaWorks Plus – Browser Based Incident Reconstruction

- IE, Edge, Firefox, Chrome, Safari, Opera Support
- Incident reconstruction
- Audio redaction
- Voice/Screen - Export/Email .wav, MP3, Avi, Mpeg
- Live monitoring
- Launching point for Call Evaluation
- Search by Metadata



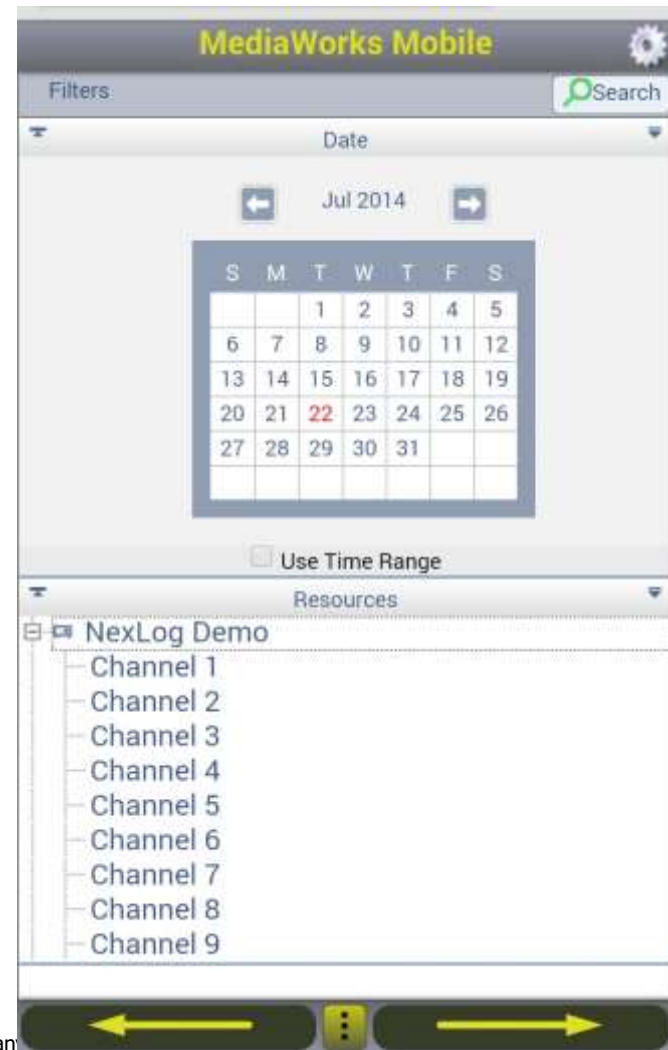
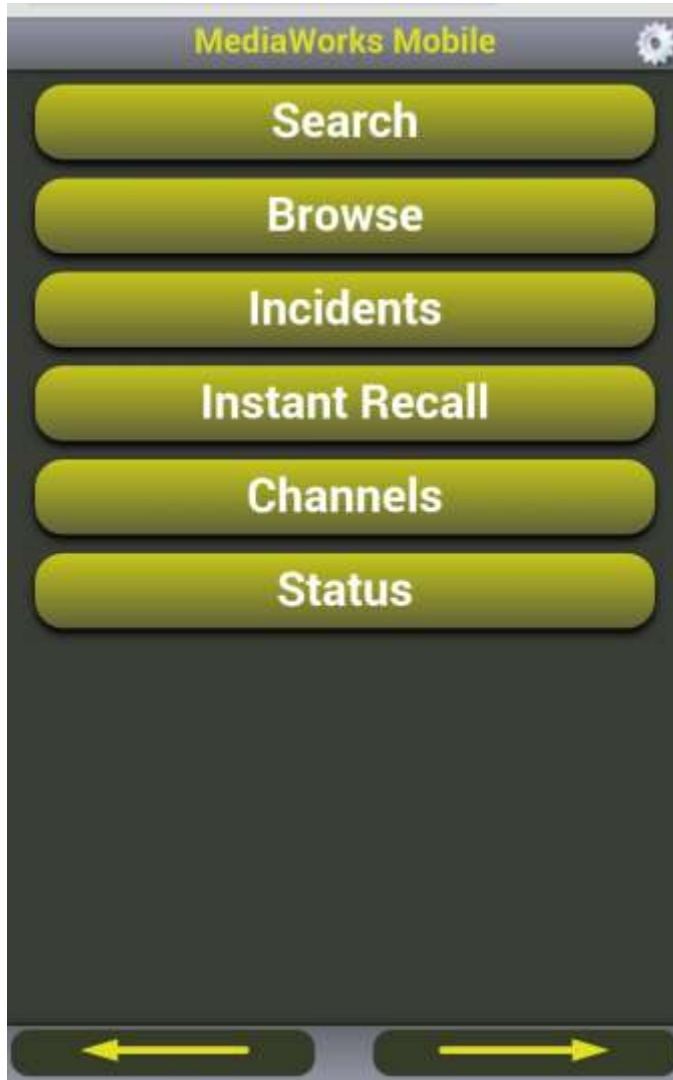
8 Ways to Export or Share Recordings

- Single Recording Export
- Multi Recording Export
- Incident Folder Sharing
- Pre-Set Exports
- Incident Folder Export
- Multi-Incident Folder Export
- Menu-Driven Export



- Export with Stand Alone Watermarked Player

MediaWorks Mobile for Android and Apple Devices



The image is a composite screenshot of a computer desktop. On the left, a Google Chrome browser window displays a Google Maps page. The address bar shows a URL for an embedded map. The map itself shows a rural area with roads and a red location pin at coordinates 35°32'51.4"N 82°23'02.7"W. A sidebar on the left of the map contains a search bar with the same coordinates, a 'Directions' button, a 'Save' button, and a 'View on Google Maps' link. To the right of the map window, a portion of another application is visible, featuring a table with three columns: 'Calltype', 'Evaluated', and 'Call Type'. The table contains several rows of data, with some cells containing speaker icons. Below the table, there is a timeline and a set of waveform visualizations. At the bottom of the screen, a media player interface is visible, showing volume and speed controls, and playback buttons (play, pause, stop, next, previous, full screen, etc.). The date 'Monday, June 09, 2014' is visible in the bottom right corner.

► Live View of Cell Phone Caller Location

■ VIEW CALL LOCATION

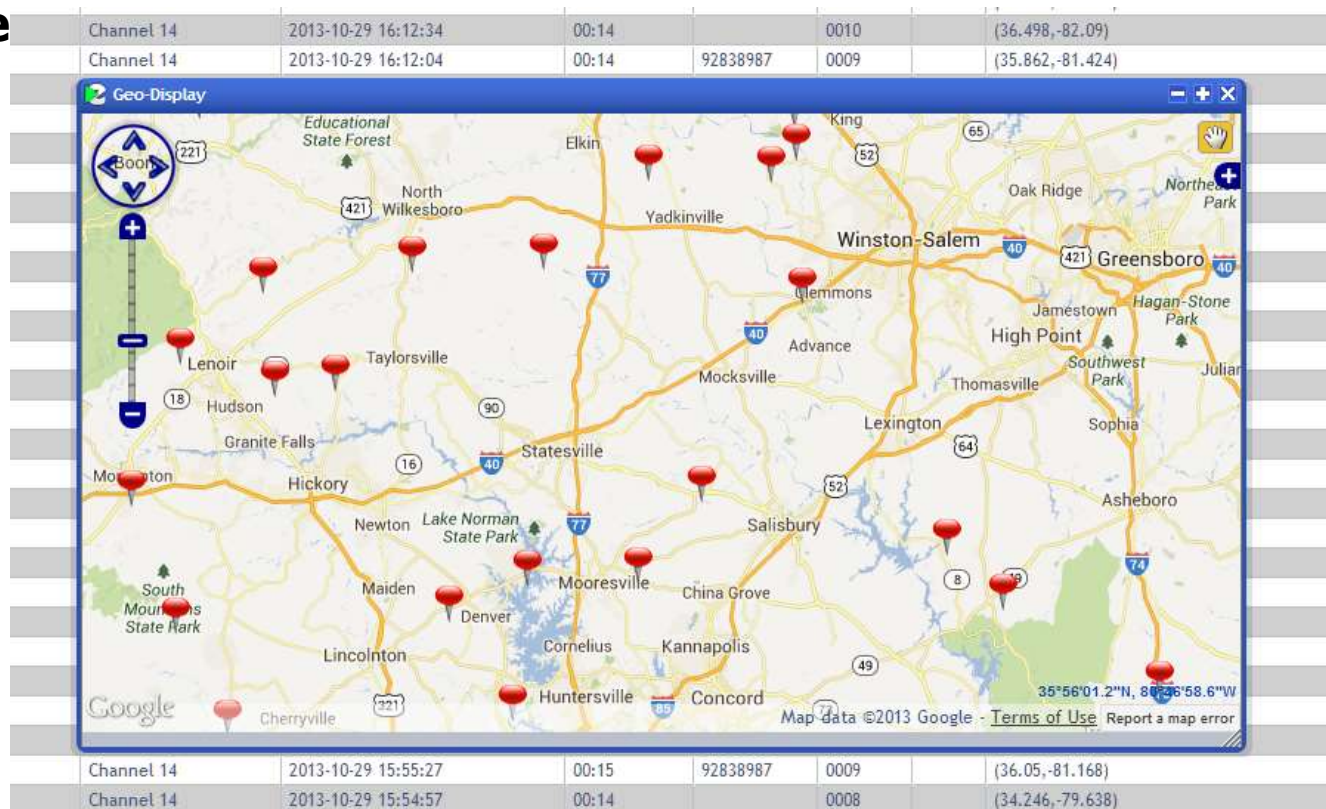
■ Use as a Real Time Display!

■ Select One or More Calls

■ Select "View Location" from Menu

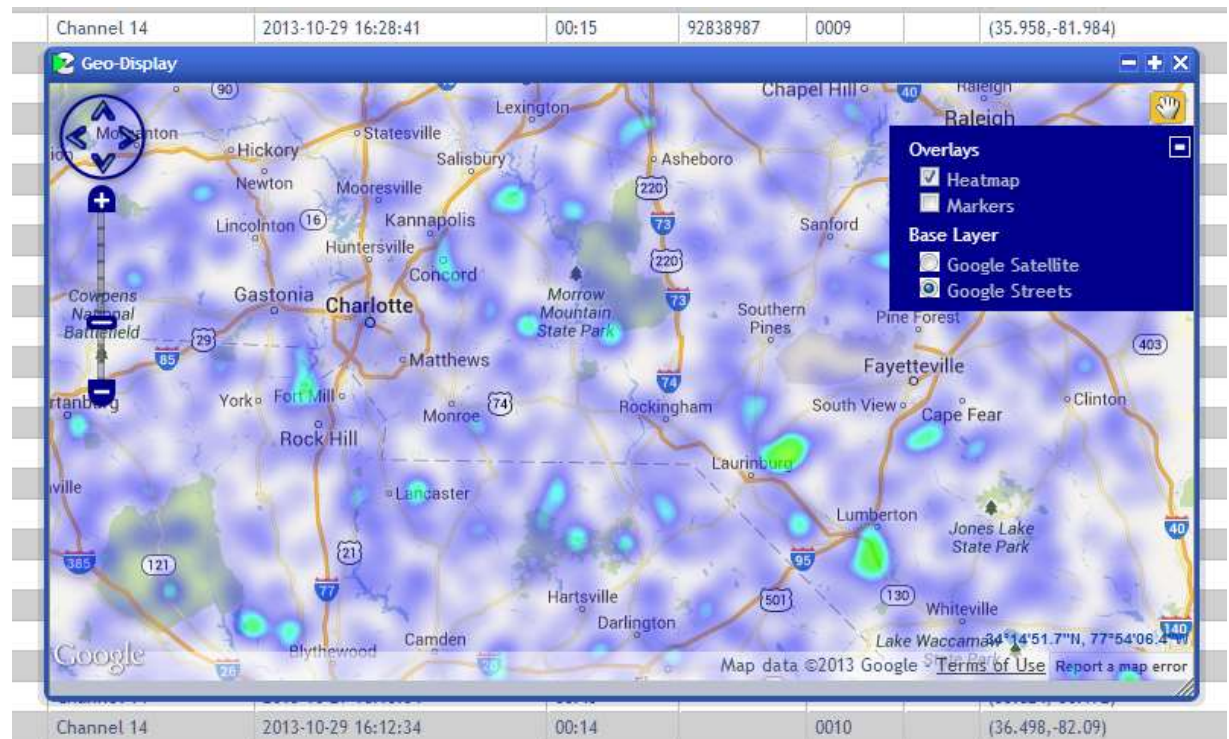
■ Uses Lat/Long Coordinates from ANI/ALI data

■ Uses Google/Bing (requires internet access)



► MediaWorks PLUS: Geo/Map Features

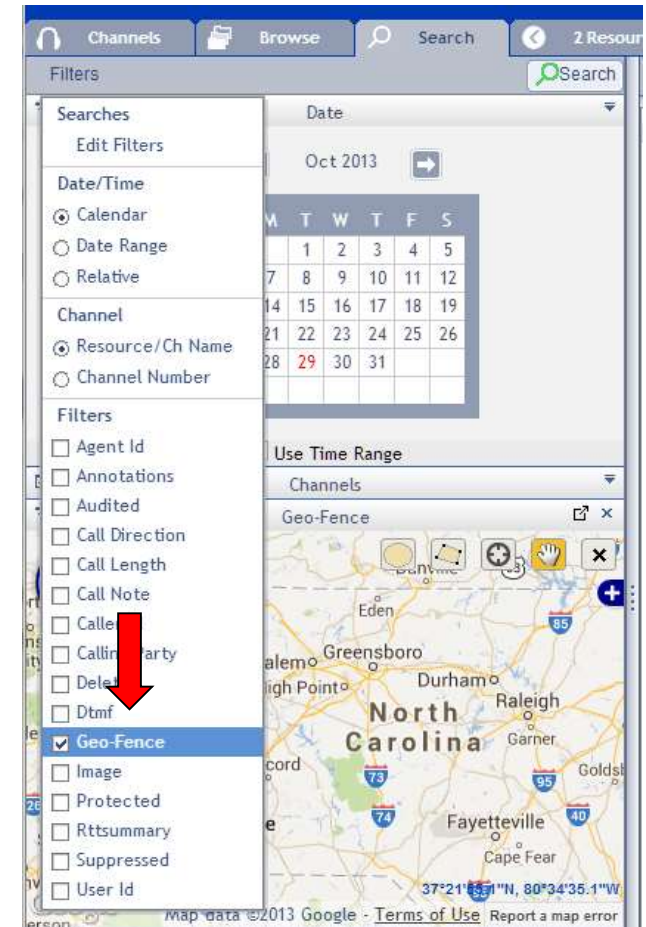
- **HEAT MAP**
- **Select "Heatmap" from Google Maps' Overlays Menu**
- **Highlights Areas with Highest Concentrations of Calls**
- **Uses Lat/Long Coordinates from ANI/ALI data**
- **Uses Google Maps (requires internet access)**



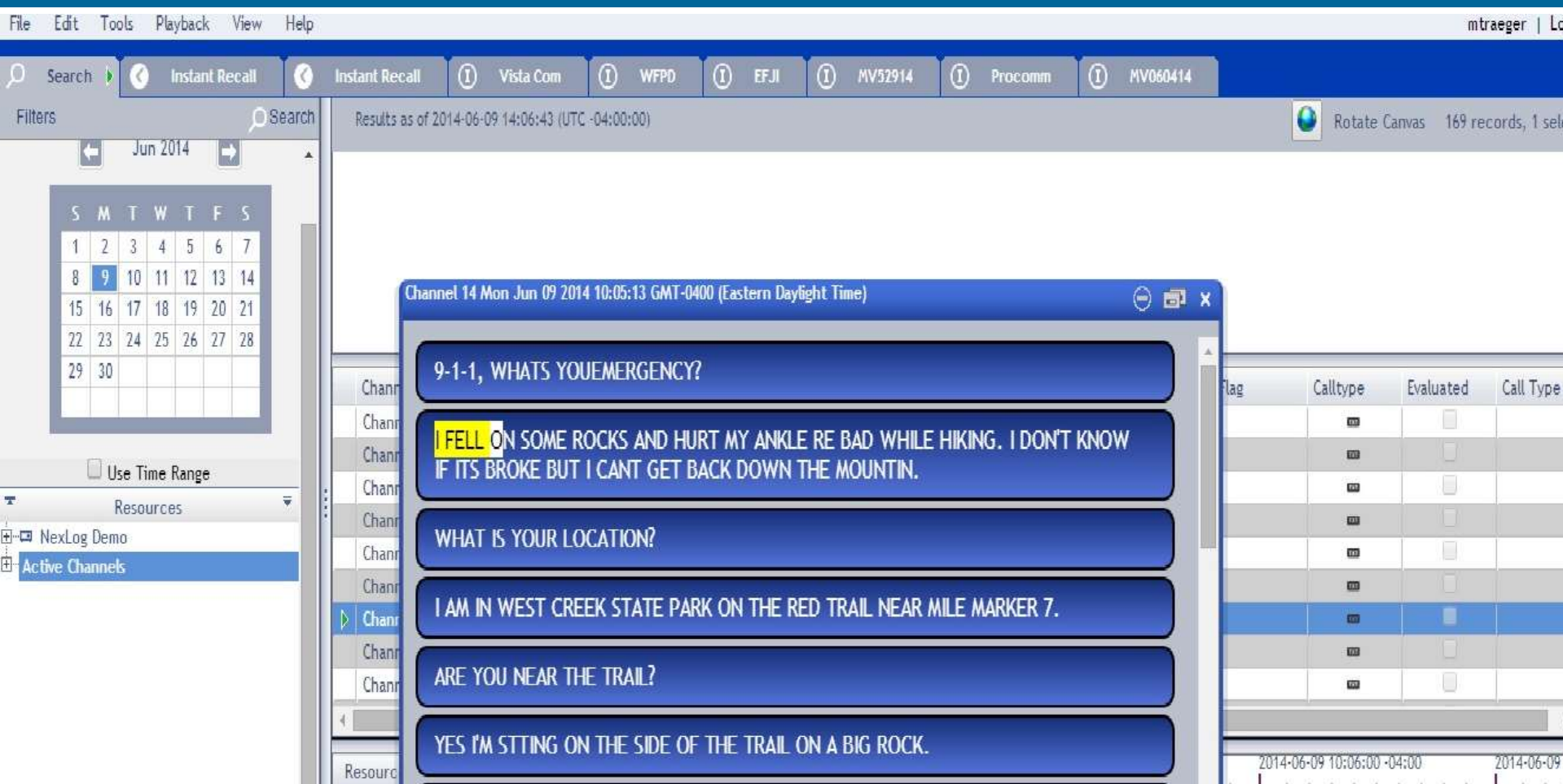
► MediaWorks PLUS: Geo/Map Features

■ GEO FENCE SEARCH

- New Geo-Fence Filter Allows Searching for Calls Located Within a User-Drawn Geographic Boundary
- Uses Lat/Long Coordinates from ANI/ALI
- Uses Google Maps (requires internet access)



Text/SMS Recording via TTY/TTD, CPE, or Web Portal



The screenshot displays the Eventide software interface. At the top, there is a menu bar with 'File', 'Edit', 'Tools', 'Playback', 'View', and 'Help'. Below the menu bar is a search bar and a series of tabs for different channels: 'Instant Recall', 'Instant Recall', 'Vista Com', 'WFPD', 'EFJI', 'MV52914', 'Procomm', and 'MV060414'. The main area shows a calendar for June 2014 on the left and a list of call records on the right. A transcript window is open, showing a conversation between a 9-1-1 dispatcher and a caller. The transcript text is as follows:

Channel 14 Mon Jun 09 2014 10:05:13 GMT-0400 (Eastern Daylight Time)

9-1-1, WHATS YOU EMERGENCY?

I FELL ON SOME ROCKS AND HURT MY ANKLE RE BAD WHILE HIKING. I DON'T KNOW IF ITS BROKE BUT I CANT GET BACK DOWN THE MOUNTIN.

WHAT IS YOUR LOCATION?

I AM IN WEST CREEK STATE PARK ON THE RED TRAIL NEAR MILE MARKER 7.

ARE YOU NEAR THE TRAIL?

YES I'M SITTING ON THE SIDE OF THE TRAIL ON A BIG ROCK.

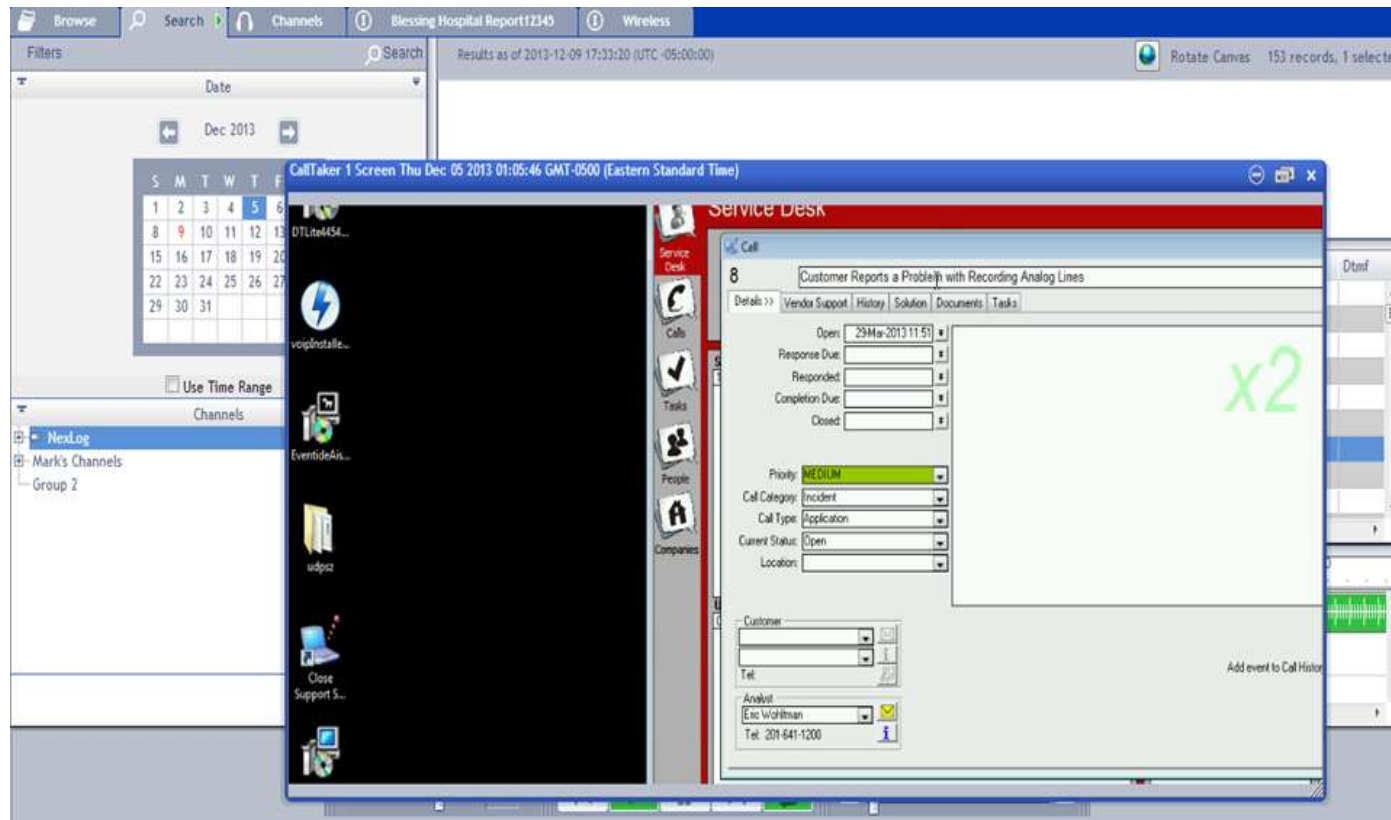
On the right side of the interface, there is a table with the following columns: 'Flag', 'Calltype', 'Evaluated', and 'Call Type'. The table contains several rows of data, with the first row highlighted in blue.

Flag	Calltype	Evaluated	Call Type
	100	<input type="checkbox"/>	
	100	<input type="checkbox"/>	
	100	<input type="checkbox"/>	
	100	<input type="checkbox"/>	
	100	<input type="checkbox"/>	
	100	<input type="checkbox"/>	
	100	<input type="checkbox"/>	
	100	<input type="checkbox"/>	
	100	<input type="checkbox"/>	
	100	<input type="checkbox"/>	

At the bottom of the interface, there is a status bar showing the date and time: '2014-06-09 10:06:00 -04:00' and '2014-06-09'.

Screen Capture on Call Answer, on Keyboard/Mouse/Screen Use, or Full Time

- Configurable Bandwidth Control
- Agent Tracking
- 60 1080p Screens per NexLog
- Selectable Retention



APCO/NENA Forms are Included

File Edit Tools Playback View Help mtraeger | Logout

Search Instant Recall Vista Com1 MVA8.3.16 Channels MVA09.14.16 HSC9.15.16 Evaluation

Toggle Evaluation View 1 records, 0 selected

Evaluation Title: Agent 427 Media Start Time: 2016-09-13 23:58:25 -04:00

Using Form "9-1-1 Call Handling" to evaluate group: Call Takers agent: 427 [Roger Waters]

Current Score: 91%
Pass: 85%

1	Did the agent properly greet the caller? (Initial Contact)	<input checked="" type="radio"/> Yes <input type="radio"/> No
2	Did the agent verify the caller's telephone number? (Call Control)	<input checked="" type="radio"/> Yes <input type="radio"/> No
3	VC Did the caller answer within 10 seconds? (Initial Contact)	<input checked="" type="radio"/> Yes <input type="radio"/> No
Must comment here...		
4	Did the agent determine the caller's name and location? (Information Gathering)	<input checked="" type="radio"/> Yes <input type="radio"/> No
Optionally comment here...		
5	Did the agent quickly determine the severity of the caller's situation? (Information Gathering)	1 2 3 4 5
Must comment here...		
6	Did the agent control the call from the start? (Call Control)	<input checked="" type="radio"/> Yes <input type="radio"/> No
7	Did the agent speak clearly? (Speaking Skills)	1 2 3 4 5
8	Did the agent show empathy for the caller's situation? (Empathy)	1 2 3 4 5 <input type="checkbox"/> N/A

Submit Evaluation Escalate and Submit Evaluation Save as in Progress Discard

VOLUME 100% SPEED 100%

⏮ ⏪ ⏸ ⏩ ⏭ ⏮ ⏭

Basic Reporting Available



Partners to help maximize your recordings.

Hera Consulting – Heraconsulting@gmail.com

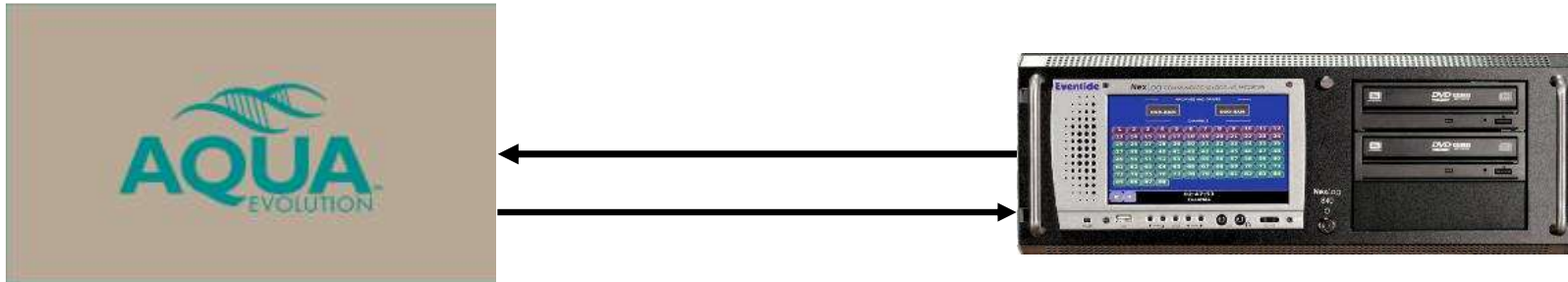
Denise Amber Lee Foundation - ryan@deniseamberlee.org

Smart Horizons - mark.tibbert@smarthorizons.org

The Healthy Dispatcher - adam@thehealthydispatcher.com

The Public Safety Group - tharrison@publicsafetygroup.com

Priority Dispatch's Aqua Integration



Free from Eventide

Requires NexLog Version 2.6 or higher.

Opens a window in Aqua with the ability to search a NexLog

Developed with Eventide and Priority Dispatch engineers.

Word Factor for Aid in Locating Calls for Quality Factor

MediaWorks Plus

nexlogdemo3.eventide.com/client/mediaworks/

File Edit Tools Playback View Help

mtraeger | Log

Channels Browse Search

Filters Search

Date

Jul 2014

S M T W T F S
 6 7 8 9 10 11 12
 13 14 15 16 17 18 19
 20 21 22 23 24 25 26
 27 28 29 30 31

☐ Use Time Range

Resources

Resources

Results as of 2014-07-28 10:06:05 (UTC -04:00:00)

7527 records, 5 selected

Source Name	Channel Name	Start Time	Duration	Speech	Calltype
NexLog Demo	Guard radio 2	2014-07-28 03:37:04 -04:00	00:45		
NexLog Demo	Visitation microphon...	2014-07-28 05:58:22 -04:00	00:45		
NexLog Demo	Guard radio 1	2014-07-28 03:37:04 -04:00	00:45		
NexLog Demo	Visitation microphon...	2014-07-28 05:58:22 -04:00	00:45		
NexLog Demo	14	2014-07-28 05:58:22 -04:00	00:45		
NexLog Demo	Visitation microphon...	2014-07-28 05:58:22 -04:00	00:45	on the the season and james joyce to	
NexLog Demo	Guard radio 3	2014-07-28 05:58:22 -04:00	00:45	long ulysses the season and james joy	
NexLog Demo	Guard radio 1	2014-07-28 06:56:33 -04:00	00:45	and when on james joyce to the grea	
NexLog Demo	Visitation microphon...	2014-07-28 06:56:33 -04:00	00:45	on him if he and james joyce to the g	
NexLog Demo	Visitation microphon...	2014-07-28 06:56:33 -04:00	00:45	and ulysses if he's and james joyce to	
NexLog Demo	Visitation microphon...	2014-07-28 05:25:07 -04:00	00:45		
NexLog Demo	13	2014-07-28 05:25:07 -04:00	00:45		
NexLog Demo	Guard radio 3	2014-07-28 05:25:07 -04:00	00:45		
NexLog Demo	Guard radio 2	2014-07-28 05:25:07 -04:00	00:45		

Resource Name

2014-07-28 01:57:00 -04:00 2014-07-28 01:58:00 -04:00 2014-07-28 01:59:00 -04:00

Guard radio 3

NFW Position 1 ...

Word Factor for Aid in Locating Calls for Quality Factor

MediaWorks Plus x

← → ↻ nexlogdemo3.eventide.com/client/mediaworks/

File Edit Tools Playback View Help

mtraeger | Log

Channels Browse Search

Filters

Date

Jul 2014

S M T W T F S
 6 7 8 9 10 11 12
 13 14 15 16 17 18 19
 20 21 22 23 24 25 26
 27 28 29 30 31

☐ Use Time Range

Resources

1
13
14
2
3
4
5
6
7
8

Results as of 2014-07-28 09:48:13 (UTC -04:00:00)

Source Name	Channel Name	Start Time	Duration
NexLog Demo	Guard radio 2	2014-07-28 00:00:59 -04:00	00:45
NexLog Demo	Guard radio 1	2014-07-28 00:00:59 -04:00	00:45
NexLog Demo	Visitation microphon...	2014-07-28 00:00:59 -04:00	00:45
NexLog Demo	Visitation microphon...	2014-07-28 00:00:59 -04:00	00:45
NexLog Demo	Guard radio 2	2014-07-28 00:00:30 -04:00	00:14
NexLog Demo	Guard radio 3	2014-07-28 00:00:30 -04:00	00:14
NexLog Demo	Visitation microphon...	2014-07-28 00:00:30 -04:00	00:14
NexLog Demo	Visitation microphon...	2014-07-28 00:00:30 -04:00	00:14
NexLog Demo	Visitation microphon...	2014-07-28 00:00:30 -04:00	00:14
NexLog Demo	Guard radio 1	2014-07-28 00:00:30 -04:00	00:14
NexLog Demo	Guard radio 2	2014-07-28 00:00:00 -04:00	00:15
NexLog Demo	Visitation microphon...	2014-07-28 09:47:07 -04:00	00:16
NexLog Demo	Visitation microphon...	2014-07-28 09:47:07 -04:00	00:16

Resource Name

audio 1

audio 2

screen 1

screen 2

Thirty Seconds

Show Word Factor

MediaWorks Plus Word Factor (Beta)

Search Word

sudden

Go

☐ Use best guess only

Probability	Results
99%	... and on a sudden and what james ...
99%	... wouldn't and it sudden adam and what ...

The text is an approximation and errors are expected. It's possible that search terms will be missed. Results should be verified by listening to the audio.

VOLUME 100%

SPEED 100%

Visitation • 2014-07-28 09:47:3 • 00:13

2014-07-28 09:47:50

CAD Integrations

File Edit Tools Playback View Help Eventide | Logout

Browse Instant Recall Search

Filters Search Results as of 2018-03-23 10:47:14 (UTC -04:00:00) 160 records, 0 selected

Date Show calls from last Days 30 HH:MM:SS 00:00:00 Resources

Channel Name	Start Time	End Time	Duration	Caller Id	Cad Call Id	Cad City Code	Cad Respond Address	Cad Calltaker	Law
759-2468	2018-03-22 21:14:21	2018-03-22 21:14:29	00:08	3058988001	C18-04223	S38	10200 BISCAYNE BLVD MIA...	AENLLE A	
759-2468	2018-03-22 12:53:14	2018-03-22 12:54:38	01:24	3057936137	C18-04207	S38	42 NE 94TH ST	Lost My Login	
759-2469	2018-03-21 21:59:30	2018-03-21 22:00:58	01:28	3055867177	C18-04178	S38	1190 NE 103RD ST	ALVAREZ F	
759-2468	2018-03-21 14:50:50	2018-03-21 14:52:08	01:18	3058991001	C18-04160	S61	11300 NE 2ND AVE BARRY...	Lost My Login	
759-2468	2018-03-21 08:29:12	2018-03-21 08:31:21	02:09	7863919233	C18-04145	S38	1030 NE 104TH ST	Lost My Login	
759-2468	2018-03-20 23:49:17	2018-03-20 23:51:18	02:01	3058917578	C18-04132	S38	10611 NE 10TH PL	QUETANT B	
759-2468	2018-03-20 20:17:17	2018-03-20 20:19:02	01:45	7863906410	C18-04126	S38	9600 BLK BISCAYNE BLVD	ALVAREZ F	
							8833 BISCAYNE BLVD	ALVAREZ F	
							NE 100TH ST & N MIAMI A...	ALVAREZ F	
							134 NE 100TH ST	JAMES K	
							345 PARK DR	JAMES K	
							955 NE 95TH ST	JAMES K	
							8990 BISCAYNE BLVD	JAMES K	
							9510 BISCAYNE BLVD	JAMES K	
							9190 BISCAYNE BLVD BAN...	AENLLE A	
							8700 BISCAYNE BLVD	AENLLE A	
							1240 NE 103RD ST	DEBESA Z	
							1030 NE 99TH ST	AENLLE A	
							9020 BISCAYNE BLVD	JAMES K	
							160 NE 95TH ST	DEBESA Z	
							9990 NE 2ND AVE	JAMES K	
							9009 NE 4TH AVENUE RD	AENLLE A	
							8803 NE 4TH AVENUE RD	AENLLE A	
							BISCAYNE BLVD AVE	AENLLE A	

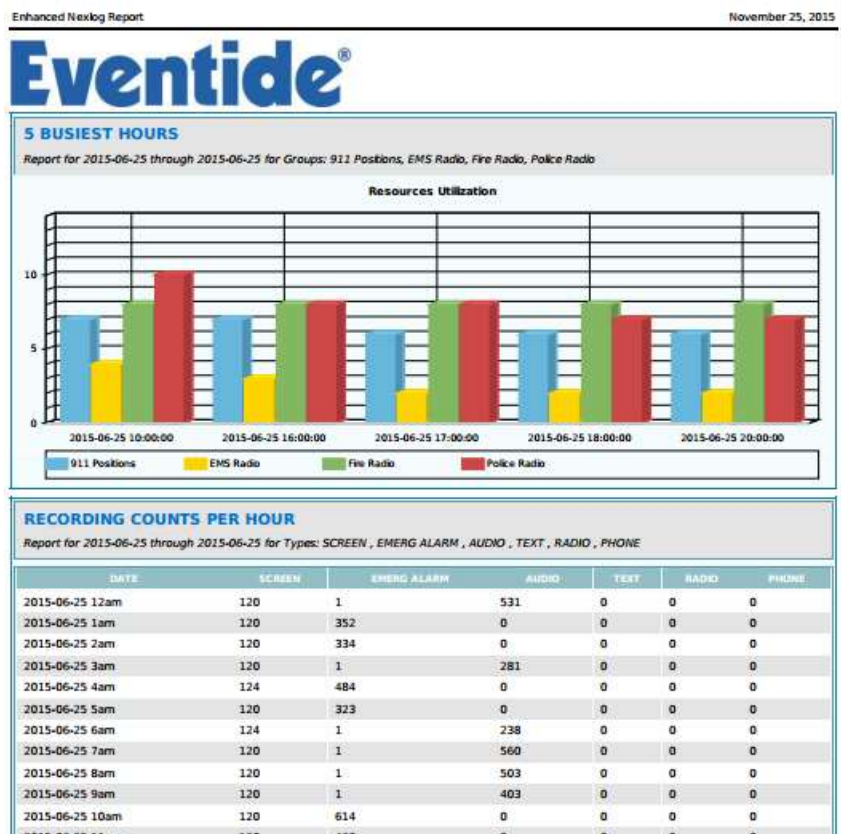
Search For: Empty Only Exact

Speed 100% Playback controls

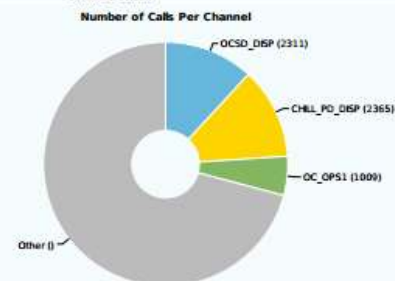
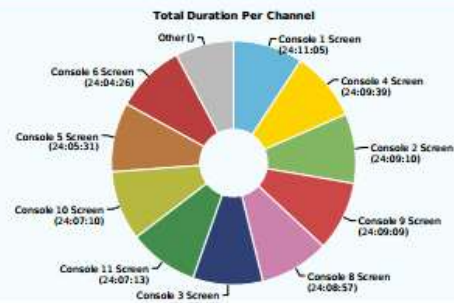
screenshot.jpg

Track 9-1-1, Admin, and Radio volumes for budget justification

Daily Recording Activity



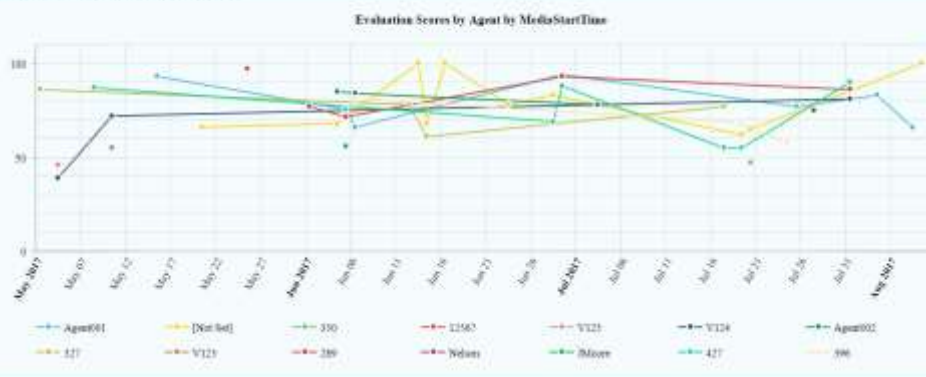
S_OR_RESQ_VHF	00:03:32	50	00:00:04
CH_PD_DISP_B00	00:03:02	57	00:00:03
CHILL_FIRE_DISP	00:02:40	63	00:00:02
CARR_PD_INFO	00:01:50	24	00:00:04
SA_COP	00:01:49	16	00:00:06
OCMER	00:01:43	20	00:00:05
OC_EMS_DISP	00:01:29	19	00:00:04
OC_OPS7	00:00:12	4	00:00:03
OC_OPS9	00:00:07	3	00:00:02
Totals	261:41:08	19510	00:00:48



Enhanced Reporting for Quality Assurance

EVALUATION SCORES PER AGENT

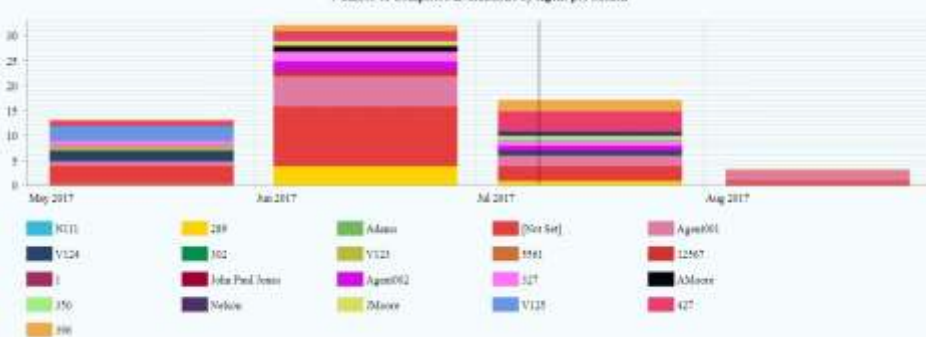
Report for 2017-05-01 through 2017-08-08



Questions Analysis for Agent V124

QUESTION	TOTAL NUM	MINIMUM SCORE	MAXIMUM SCORE	AVERAGE SCORE	NUM N/A	TREND
VC-Was the call dispatched within time frame?	1	100%	100%	100.00%	0	
VC-Did the dispatcher show empathy for the caller?	1	50%	50%	50.00%	0	
VC-Additional Notes on Evaluation	1	0%	0%	0.00%	1	
Did the agent properly determine the "type of call"?	1	100%	100%	100.00%	0	
VC-Did the dispatcher remain calm and confident on the call?	1	50%	50%	50.00%	0	
Did the dispatcher properly announce the call-out?	1	100%	100%	100.00%	0	
VC-Did the dispatcher determine if there were any injuries?	1	0%	0%	0.00%	0	
Did the dispatcher ask for a repeat if transmission wasn't clear?	1	0%	0%	0.00%	0	
VC-Were the correct number of units dispatched?	1	0%	0%	0.00%	0	
Did the Dispatcher accurately send the right units?	1	100%	100%	100.00%	0	
VC-Did the dispatcher determine the nature of the call?	1	100%	100%	100.00%	0	
Did the agent control the call from the start?	1	100%	100%	100.00%	0	
VC-Did the dispatcher appropriately determine if the call was an emergency or non-emergency call?	1	100%	100%	100.00%	0	
Did the dispatcher dispatch the appropriate police, fire,	0	0%	100%	50.00%	0	

Number of Completed Evaluations by Agent per Month



EVALUATIONS ANALYSIS- TRENDS PER AGENT PER SKILL

Report for 2017-05-01 through 2017-08-08

Skills Analysis for Agent Agent001

SKILL	TOTAL NUM	MINIMUM SCORE	MAXIMUM SCORE	AVERAGE SCORE	TREND
Information Gathering	19	75%	100%	83.80%	
Speaking Skills	9	25%	100%	83.33%	
Call Control	20	0%	100%	82.00%	
Empathy	9	25%	100%	77.78%	
Initial Contact	19	50%	100%	85.00%	

Skills Analysis for Agent [Not Set]

SKILL	TOTAL NUM	MINIMUM SCORE	MAXIMUM SCORE	AVERAGE SCORE	TREND
Empathy	8	0%	100%	37.50%	
Initial Contact	17	50%	100%	83.33%	
TEST	1	0%	0%	0.00%	
Telephone Protocol	1	100%	100%	100.00%	
Speaking Skills	9	0%	100%	44.44%	
Information Gathering	17	12%	100%	60.00%	

Configuration Manager Software

- Browser-based configuration tool
- *"Heartbeat"* Alerting
- *Storage Array*
- *Archives*
- *Input Channels*
- *Users & Security*
- *Evaluation Forms*
- *Reports*



► More IP Recording Templates

The screenshot displays the Eventide NexLog Configuration Manager web interface. The browser address bar shows the URL `nexlogdemo.eventide.com/webconfig.fcgi`. The page header includes the Eventide NexLog logo and the title "Configuration Manager". A sidebar on the left contains navigation links: Home, System, Reports, Networking, Recording, Boards, Replace Board, Retention Settings, Resource Groups, Call Suppression, Custom Fields, Geo-Location, and NG911. The main content area is titled "ADD INTERFACE" and features a list of interface types with radio buttons: Drop Box, Local IP, Screen, Gateway, and Channel Count. The "Local IP" option is selected, and a dropdown menu is open, displaying a list of recording templates. The templates include: No Template, Eurocae ED-137b Part 4 RTSP Recording Interface, Generic Multicast RTP, Generic SIP Phones (SPAN), Generic Unicast RTP (Recorder as Endpoint), Generic Unicast RTP (SPAN), ICOM IDAS Repeater (NXDN), IDS Mindshare Console Protocol, Intrado Position (SPAN), Intrado Trunk (SPAN), NEC Univerge Phone Recording Proprietary SIP (SPAN), Nortel Unistim Protocol (SPAN), Panasonic MGCP Phones (SPAN), Raven M4X Site Device RTP Forwarding, Shoretel MGCP Phones (SPAN), SIPREC, SIP Trunk (SPAN, Endpoint, or Cisco BIB), Tait Radio DMR/MPT Recording Interface, Telex/Vega Console Protocol, Zetron MAX CallTaking Consoles (SPAN), and Zetron MAX Dispatch. The "Channel Count" is set to 1. "Save" and "Cancel" buttons are located at the bottom of the interface list.

Eventide NexLog™
Next Generation
Communications Logging Recorders

Configuration Manager

mtraeger | Logout

ADD INTERFACE

Drop Box ☐

Local IP ☒ No Template

Screen ☒ Eurocae ED-137b Part 4 RTSP Recording Interface

Gateway ☐ Generic Multicast RTP

Channel Count: 1

Generic SIP Phones (SPAN)

Generic Unicast RTP (Recorder as Endpoint)

Generic Unicast RTP (SPAN)

ICOM IDAS Repeater (NXDN)

IDS Mindshare Console Protocol

Intrado Position (SPAN)

Intrado Trunk (SPAN)

NEC Univerge Phone Recording Proprietary SIP (SPAN)

Nortel Unistim Protocol (SPAN)

Panasonic MGCP Phones (SPAN)

Raven M4X Site Device RTP Forwarding

Shoretel MGCP Phones (SPAN)

SIPREC

SIP Trunk (SPAN, Endpoint, or Cisco BIB)

Tait Radio DMR/MPT Recording Interface

Telex/Vega Console Protocol

Zetron MAX CallTaking Consoles (SPAN)

Zetron MAX Dispatch

Save Cancel

► NexLog = Flexible Recording Connectivity

- IP Dispatch Console Systems
- Radio over IP / Interoperability Systems
- Land Mobile Radio Systems
- VoIP Telephones
- Digital PBX Telephones
- NG9-1-1
- Analog Telephones, Positions, Lines, Radio
- T1, E1 and ISDN-PRI Trunks



MOTOROLA SOLUTIONS

Government & Public Safety

ASTRO System Test Certificate

This is to witness that

EVENTIDE

Conducted Validation testing of their Logging Recorder on
Motorola's ASTRO P25 Infrastructure

This test certificate does not represent any form of certification of the products tested or any warranty or guarantee from Motorola concerning the interfaces or products tested, but serves as confirmation that the Company's tests were duly conducted.

Michael Mantis ~ michaelmantis@motorolasolutions.com
Portfolio Manager, ASTRO Application Partner Program

Details of Testing:

Test Dates: June 7, 2012
Tested On: ASTRO Release 7.11

Bob Holderness 6/7/12

Bob.Holderness@motorolasolutions.com
Manager, ASTRO Application Solutions Center



MOTOROLA SOLUTIONS

Government & Public Safety

ASTRO System Test Certificate

This is to witness that

Eventide

Conducted Validation testing of their NexLog recorder
over the Motorola ASTRO P25 Trunked Infrastructure

Details of Testing:

This test certificate does not represent any form of certification of the products tested or any warranty or guarantee from Motorola concerning the interfaces or products tested, but serves as confirmation that the Company's tests were duly conducted.

Test Date:	3/25/2014
Infrastructure:	ASTRO P25 Release 7.14
Eventide Version:	Firmware 2.4.0
Tested At:	Application Solutions Center, Schaumburg, IL.
Tested By:	Brian Klock - Eventide
Test Plan Author:	Brian Klock - Eventide (Feature/Function test)
Test Results:	Test Results Report (On file at Eventide & Motorola Solutions)



MOTOROLA SOLUTIONS

Government & Public Safety

ASTRO System Test Certificate

This is to witness that

Eventide

Conducted Validation testing of their Nexlog recorder
over the Motorola ASTRO P25 Trunked Infrastructure

This test certificate does not represent any form of certification of the products tested or any warranty or guarantee from Motorola concerning the interfaces or products tested, but serves as confirmation that the Company's tests were duly conducted.

Details of Testing:

Test Date:	6/4/2015
Infrastructure:	ASTRO P25 Release 7.15
Eventide Version:	Firmware 2.5.4 [233]
Tested At:	Application Solutions Center, Schaumburg, IL.
Tested By:	Brad Basile and Brian Klock - Eventide
Test Plan Author:	Brian Klock - Eventide (Feature/Function test)
Test Results:	Test Results Report (On file at Eventide & Motorola Solutions)



MOTOROLA SOLUTIONS

Government & Public Safety

ASTRO System Test Certificate

This is to witness that

Eventide

Conducted Validation testing of their

NexLog740/840 Recording System

Over the Motorola ASTRO P25 Release 7.16 Trunked Infrastructure

This test certificate does not represent any form of certification of the products tested or any warranty or guarantee from Motorola concerning the interfaces or products tested, but serves as confirmation that the Company's tests were duly conducted.

Details of Testing:

Test Dates:
Infrastructure Version:
Eventide Version:
Tested At:
Tested By:
Test Plan Author:
Test Results:

February 17, 2016
Release 7.16
2.5.7
Application Solutions Center, Schaumburg, IL.
Brad Basile, Project Manager
Brad Basile, Project Manager
PASSED
(On file at Eventide & Motorola Solutions)



MOTOROLA SOLUTIONS

Government & Public Safety

ASTRO System Test Certificate

This is to witness that

Eventide

Conducted Validation testing of their NexLog740

Over the Motorola ASTRO P25 Release 7.17 Trunked Infrastructure

This test certificate does not represent any form of certification of the products tested or any warranty or guarantee from Motorola concerning the interfaces or products tested, but serves as confirmation that the Company's tests were duly conducted.

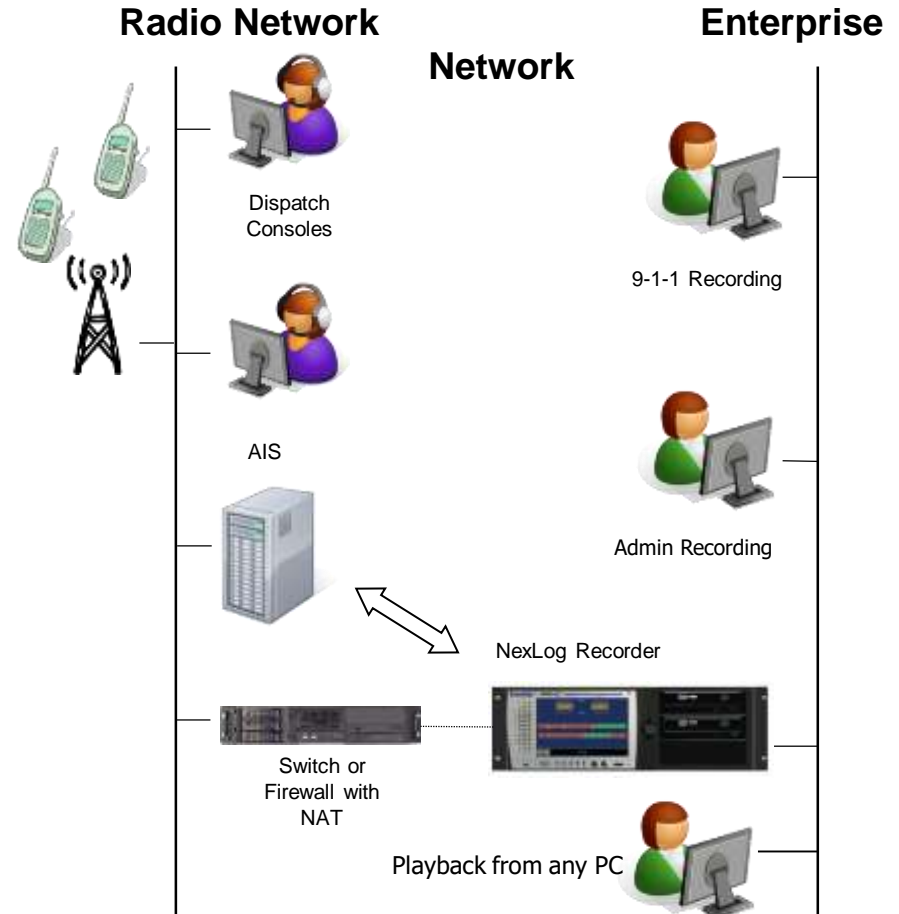
Details of Testing:

Test Dates:
Infrastructure Version:
Eventide Version:
Tested At:
Tested By:
Test Plan Author:
Test Results:

April 25, 2017
Release 7.17
NexLog740
Application Solutions Center, Schaumburg, IL
Brad V. Basile
Project Manager
PASSED

170+ Sold, 40 by Motorola Direct

- **NexLog interfaces to Archive Information Server (AIS)**
- **NexLog receives real-time call events and audio streams for:**
 - P25 Talk Group calls
 - Analog Conventional calls
 - P25 Conventional calls
 - "Emergency Alarm"
 - **Decoding on Playback**
 - **– No Lost Transmissions!**



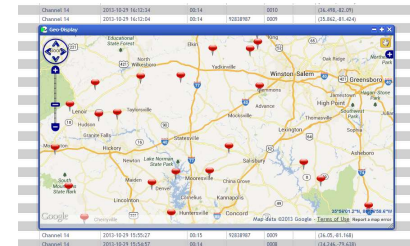
► Harris VIDA SR10A.1/.2/.3/.4/.5 P25

- P25 audio and metadata capture
- P25 decoding occurs on-demand (during playback)
- PTT ID and Talk Group ID are captured and indexed
- **Latitude/Longitude Capture for Geo-Fencing**
- OTAR/Manual Encryption support

NexLog Recorder



P25 IP audio
with Metadata



VIDA P25



► EF Johnson ATLAS P25

- Phase 1 and Phase 2 Recording via JEM server
- P25 audio and metadata are captured via IP multicast
- PTT ID and Talk Group ID are captured and indexed
- Encrypted transmissions are supported

NexLog Recorder



Multicast P25 IP audio
with Metadata

ATLAS P25



► P25 ISSI

- **Provides connectivity to Tait P25**
- Universal connectivity to various P25 systems.
- P25 audio and metadata capture
- P25 decoding occurs on-demand (during playback)
- PTT ID and Talk Group ID are captured and indexed

NexLog Recorder

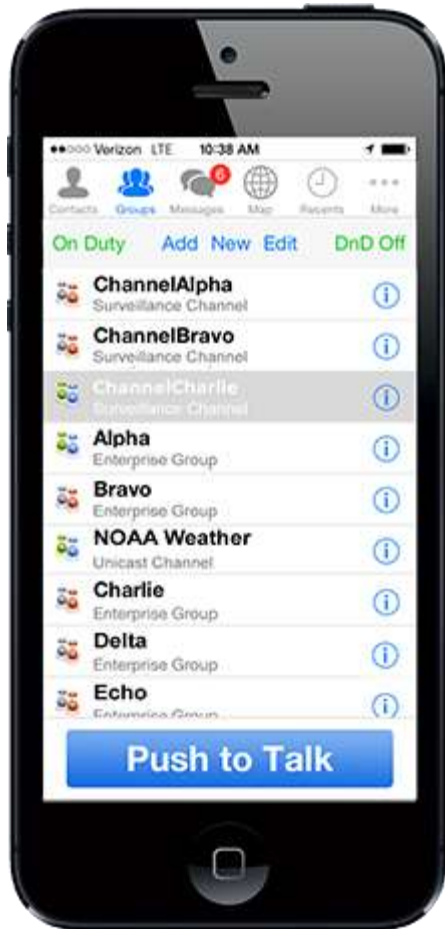


P25 IP audio
with Metadata

***Generic
P25***



Recording Radio Transmissions via SIPREC

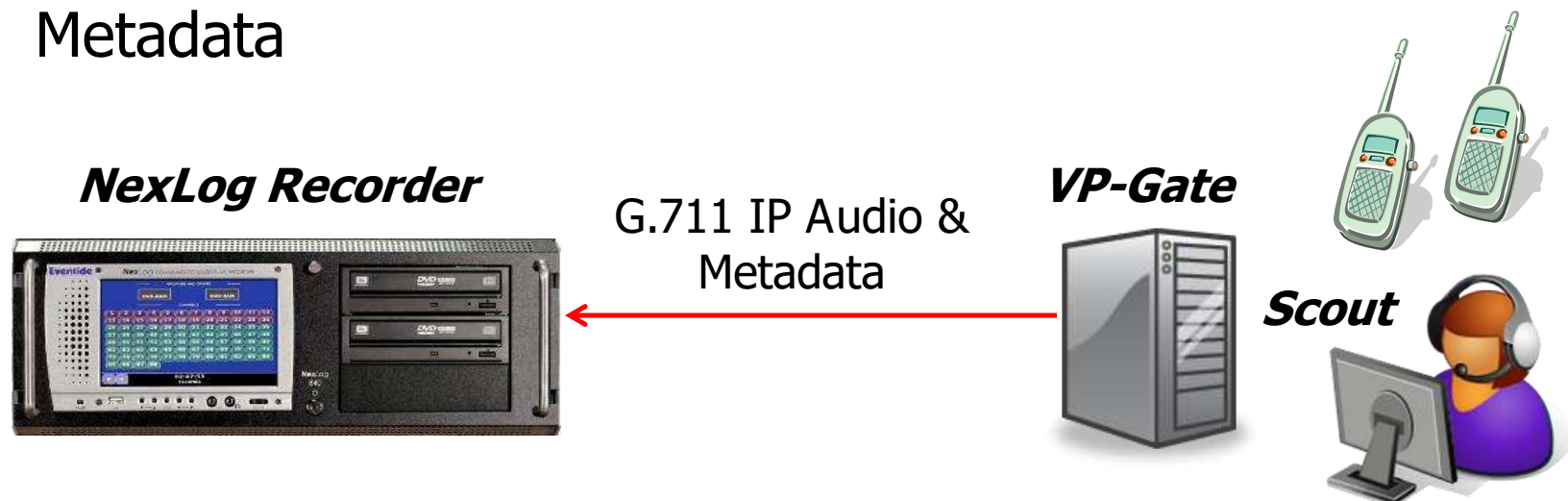


Record Radio transmissions from Android and/or iOS handsets using ESChat's Application for Push to Talk across LMR and Carrier Networks

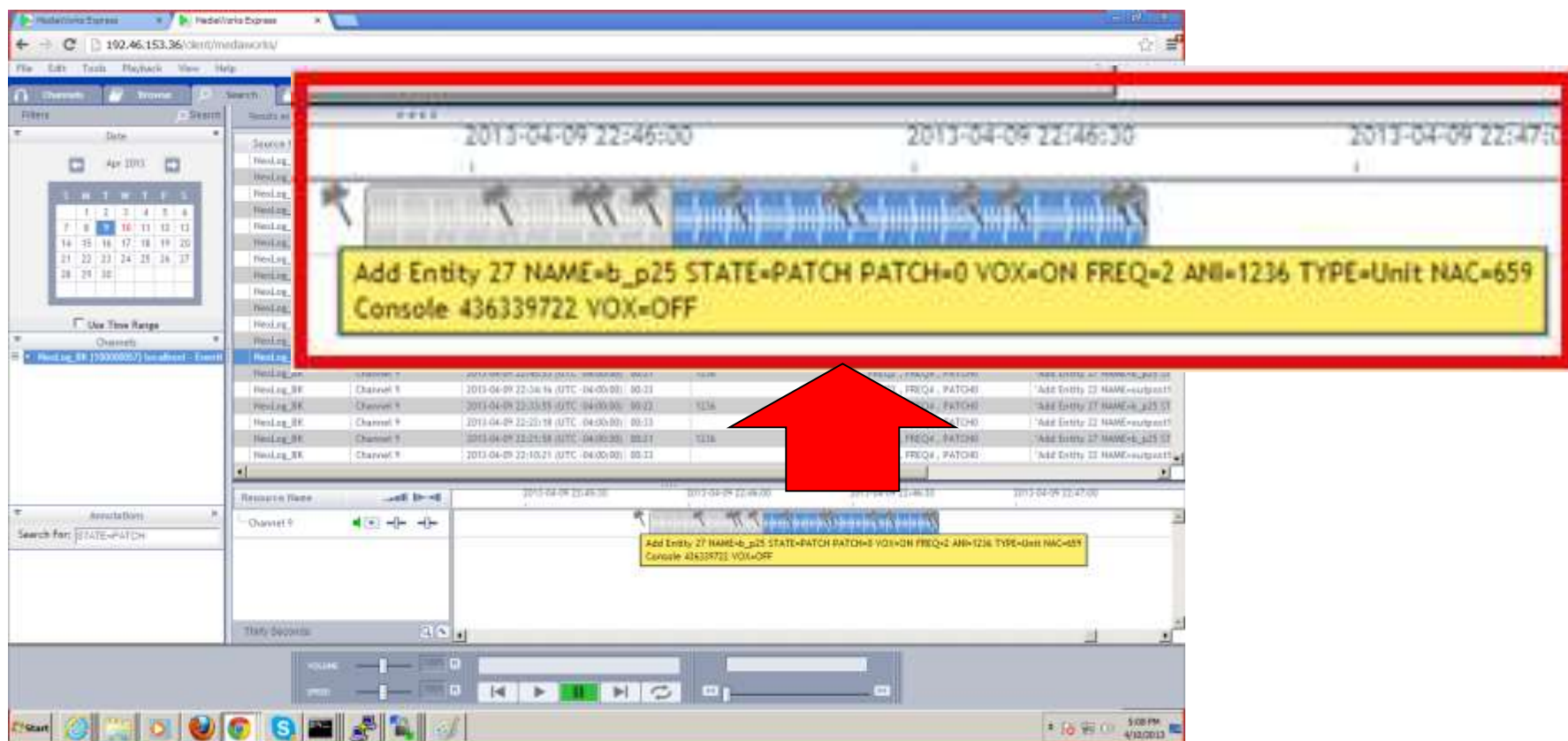
Source Name	Channel Name	Start Time	Duration	Caller ID	Connection ID	Status	Participants	Sender
NextLog	Channel 1	2015-03-23 11:44:56 - 07:00	00:04	71.9.63.250	314159265	recording	Dispatch, SF, Law 34	Dispatch
NextLog	Channel 1	2015-03-23 11:45:27 - 07:00	00:03	71.9.63.251	314159265	recording	Dispatch, SF, Law 21	Dispatch
NextLog	Channel 1	2015-03-23 11:45:32 - 07:00	00:05	71.9.63.250	314159265	recording	Dispatch, SF, Law 10	Dispatch
NextLog	Channel 1	2015-03-23 11:45:38 - 07:00	00:08	71.9.63.251	314159265	recording	Dispatch, SF, Law 30	Dispatch
NextLog	Channel 1	2015-03-23 11:45:59 - 07:00	00:08	71.9.63.250	314159265	recording	Dispatch, SF, Law 04	Dispatch
NextLog	Channel 1	2015-03-23 11:46:09 - 07:00	00:07	71.9.63.251	314159265	recording	Dispatch, SF, Law 32	Dispatch
NextLog	Channel 1	2015-03-23 11:46:17 - 07:00	00:07	71.9.63.250	314159265	recording	Dispatch, SF, Law 34	Dispatch
NextLog	Channel 1	2015-03-23 11:56:00 - 07:00	00:04	71.9.63.251	314159265	recording	Dispatch, SF, Law 18	Dispatch
NextLog	Channel 1	2015-03-23 11:56:07 - 07:00	00:03	71.9.63.250	314159265	recording	Dispatch, SF, Law 18	Dispatch
NextLog	Channel 1	2015-03-23 11:56:18 - 07:00	00:03	71.9.63.251	314159265	recording	Dispatch, SF, Law 32	Dispatch
NextLog	Channel 1	2015-03-23 11:58:22 - 07:00	00:04	71.9.63.250	314159265	recording	Dispatch, SF, Law 34	Dispatch

► AVTEC Scout

- Eventide loggers are AVTEC-tested and GOLD certified
- AVTEC Scout with VPGate interoperates with a wide range of trunked and conventional radio systems
- AVTEC VP-Gate delivers Console and Radio Audio and Metadata

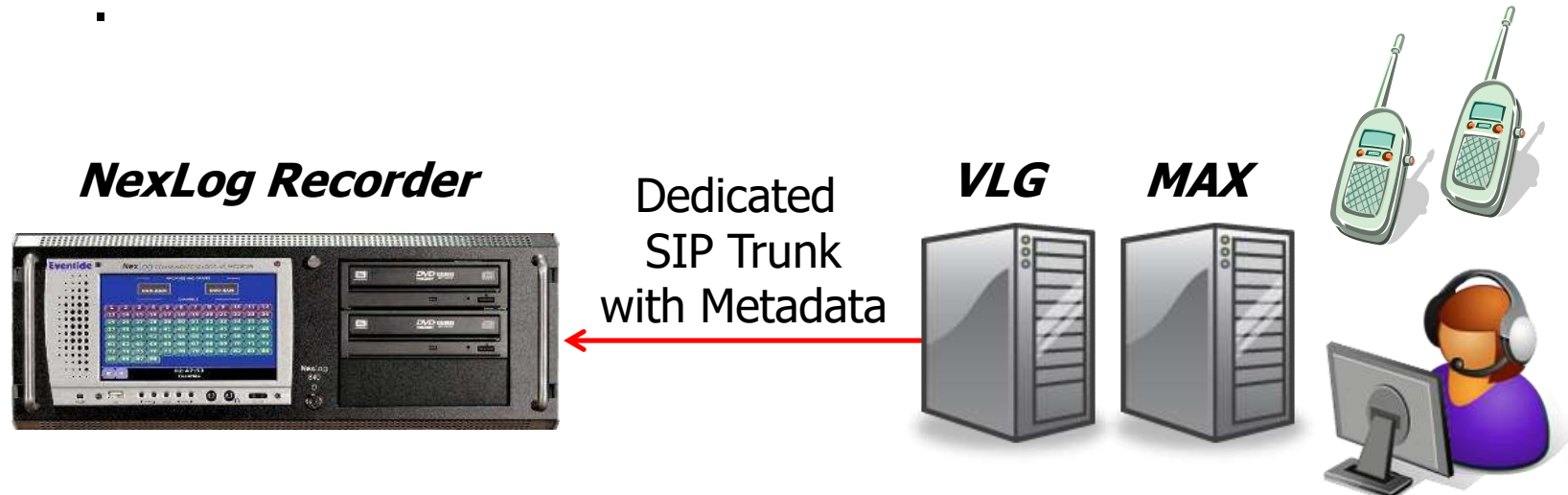


► Metadata Capture – Avtec Scout Consoles



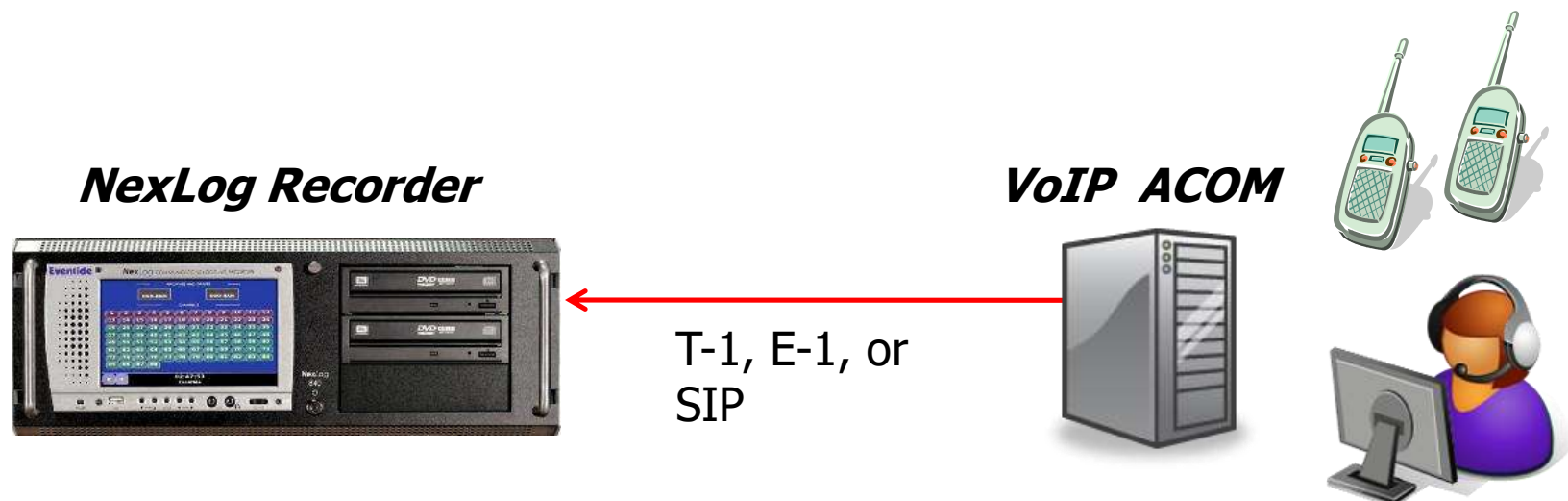
► Zetron MAX Dispatch and MAX Call Taking

- Zetron MAX system equipped with Zetron Voice Logging Gateway (VLG) delivers call traffic to NexLog via a dedicated SIP Trunk connection.
- NexLog recording of audio and metadata with Alias's



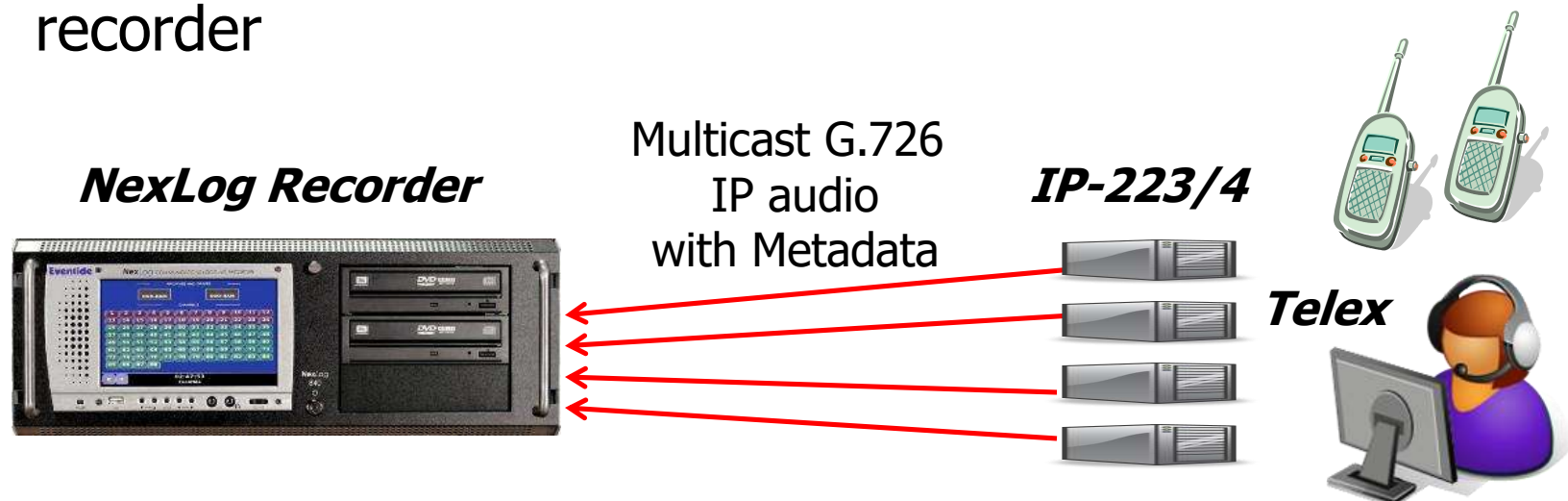
► Zetron VoIP ACOM

- Acom system delivers channelized audio in PCM 64kbps
- Metadata capture from either T-1, E-1, or SIP based deployments.



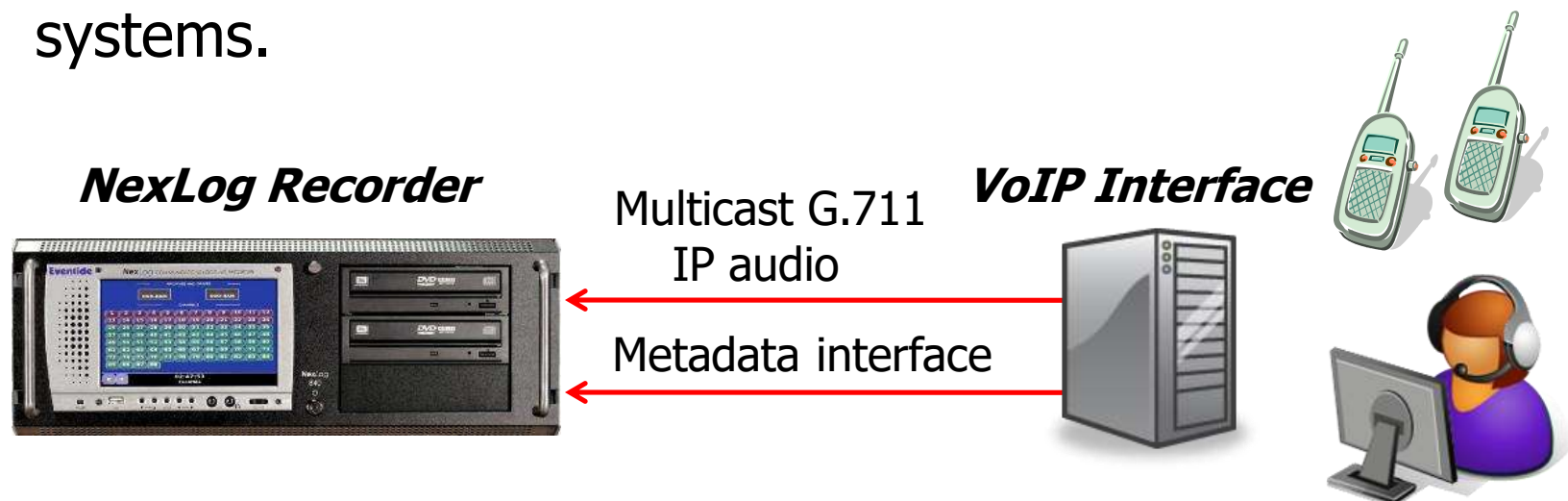
► TELEX IP-Dispatch

- TELEX IP Dispatch with IP-223/224 units interoperates with a wide range of LMR systems and phone circuits
- TELEX delivers multicast G.726 ADPCM audio and call-related metadata (PTT ID, more) to the NexLog recorder



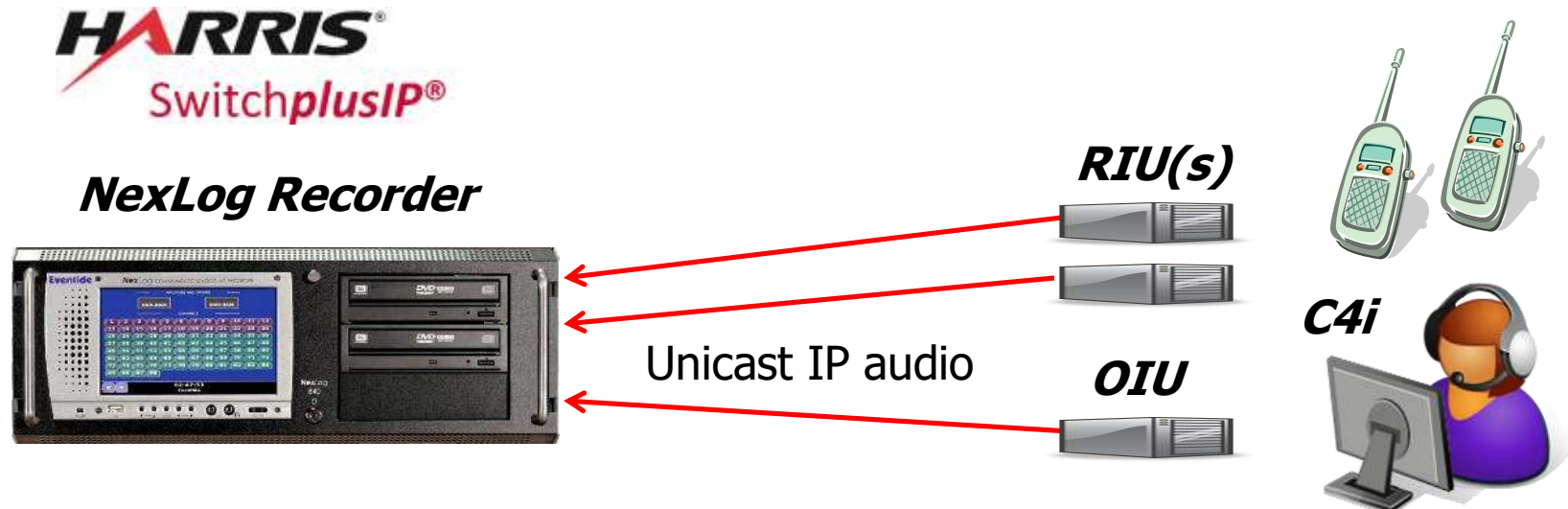
► Catalyst – IP/Console & Propulsion Consoles

- NexLog is compatible with Catalyst Consoles.
- IP/Console and Propulsion consoles deliver G.711 audio and call-related metadata (PTT ID) to the NexLog recorder
- Catalyst interfaces with Harris legacy and current LMR systems.



► Harris Switch*plusIP*

- C4i SwitchplusIP dispatch systems interoperate with a wide range of LMR systems and telephone circuits
- The C4i system units (OIU, RIU) deliver Unicast G.711 IP-audio to NexLog



► CSS Mindshare

- IDS Mindshare consoles deliver Multicast IP-audio to NexLog (G.711, G.721, or GSM encoded)
- Interoperability testing has been completed
- Raytheon P25 traffic will be delivered to NexLog as G.711 IP-audio

NexLog Recorder



Multicast IP Audio
With Radio ID (PTT)

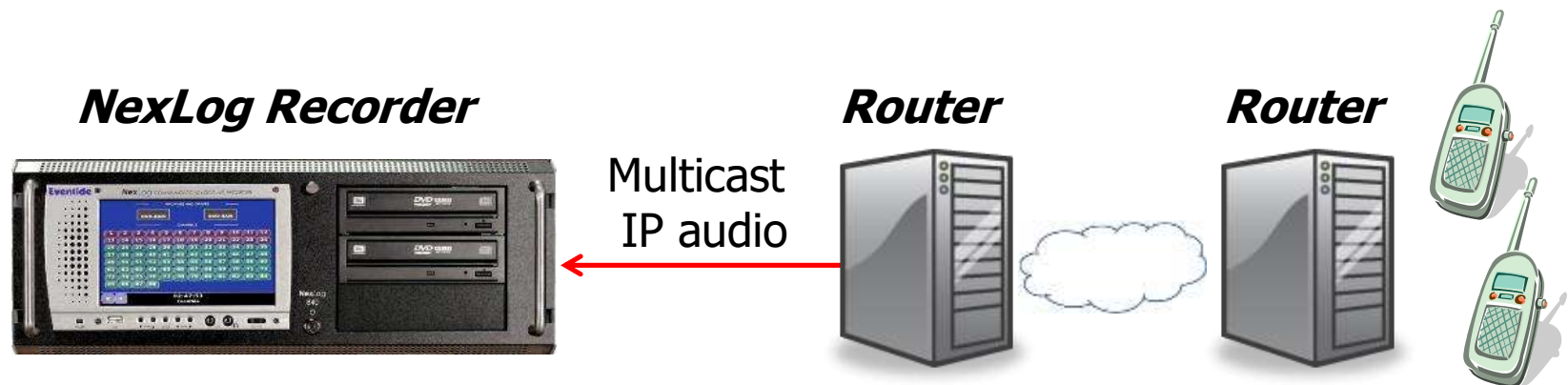


Mindshare



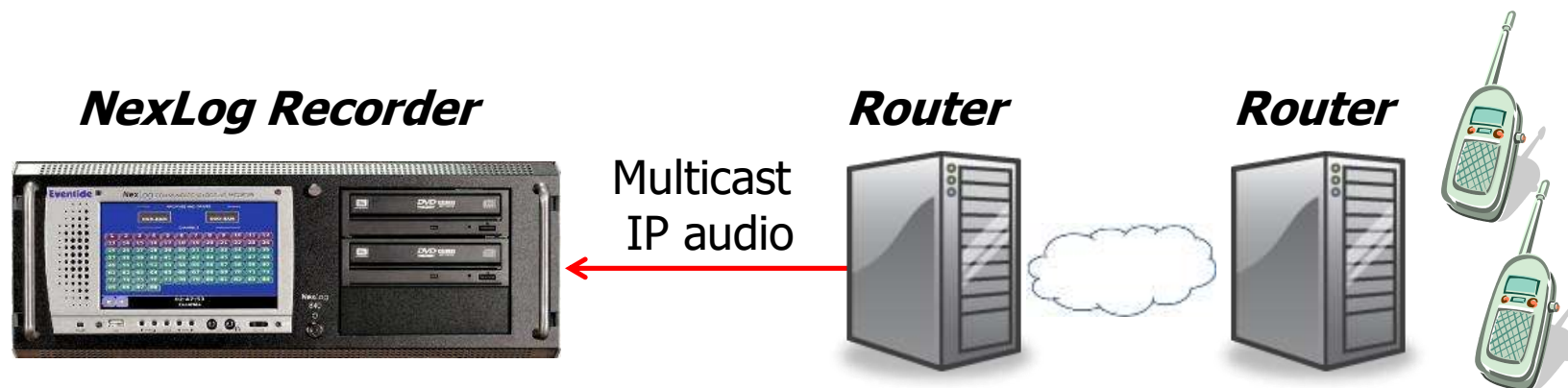
► Cisco IPICS Console and Radio over IP

- Cisco Interoperability and Communications System (IPICS) is a popular Radio over IP (RoIP) solution
- IPICS delivers Multicast G.711 audio to the NexLog recorder from talk groups, frequencies, consoles, etc.



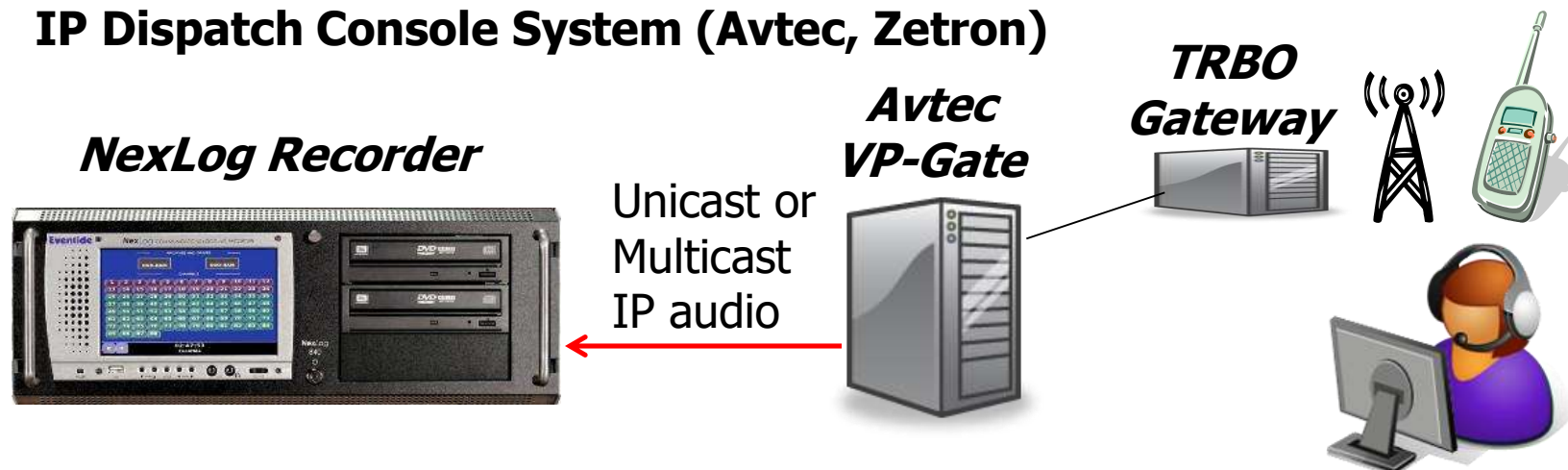
► Omnitronics Console and Radio over IP

- Omnitronics RediTALK Radio Console
- Omnitronics IPR400 is a popular 4 Channel Radio over IP (RoIP) solution for analog radio systems.
- Both deliver Multicast G.711 audio to the NexLog recorder from talk groups, frequencies, consoles, etc.



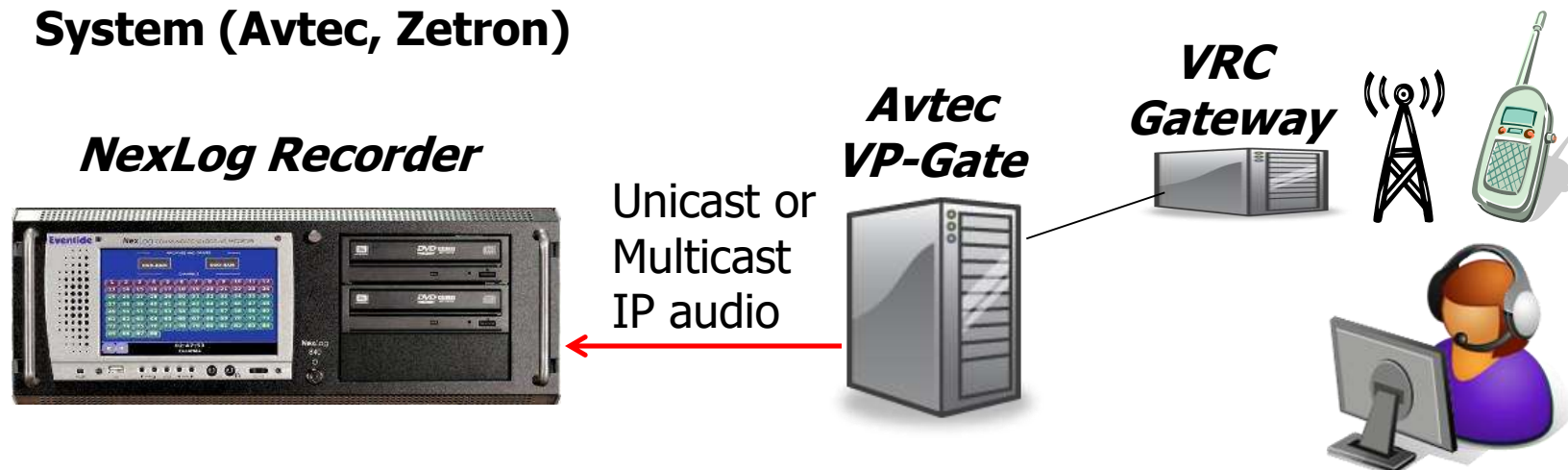
► MotoTRBO DMR

- **Capacity Plus**
- **Linked Capacity Plus**
- **IP Site Connect**
 - Connected to Repeaters via IP with PTT and TG Capture
- **Connect Plus and Linked Connect Plus Recorded via interface to an IP Dispatch Console System (Avtec, Zetron)**



► Capacity MAX

- **Connectivity through Voice and Radio Command Gateway (VRC)**
- **Support up to 100 Talk Groups per VRC**
- **Group Calls, Private Calls, Telephony Calls, All Call, Emergency Calls**
 - Encrypted or Clear Calls
- **Can also be recorded via interface to an IP Dispatch Console System (Avtec, Zetron)**



Tait DMR

- Recording of IP feeds from Tait DMR Voice Recording Interface
- Metadata captured - Radio ID and Destination ID/Group ID

NexLog Recorder



IP audio + Metadata



**Tait DMR Tier 3 System &
MPT-IP Trunked**

► ICOM NXDN

- Recording of multi-site conventional systems
- Supported audio format =NXDN-standard AMBE+2 Vocoder
- Metadata captured - Radio ID and Destination ID/Group ID

NexLog Recorder



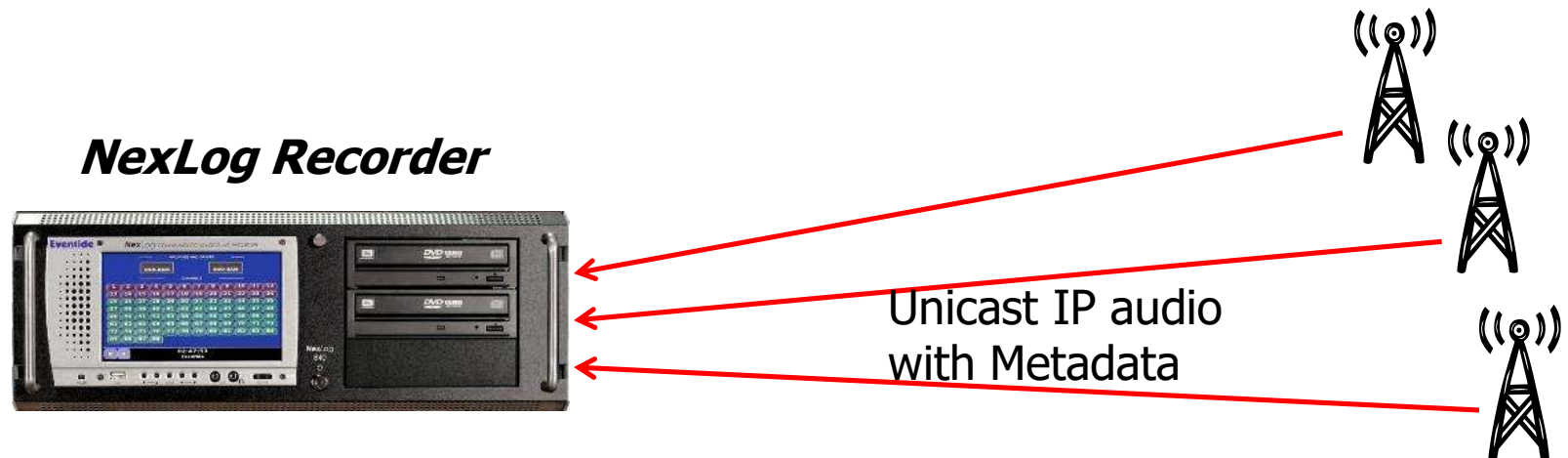
IP audio + Metadata



ICOM IDAS Comparitor(s)

► Kenwood NexEdge NXDN

- Capture of repeater audio via IP or off a Console
 - One channel per repeater
 - Capture PTT, TG, Ids
 - Capture Private Calls



► **Motorola Dimetra IP TETRA**

Audio Recording Capabilities:

Group Calls, Private Calls, Telephone Interconnect Calls, Emergency Calls

Metadata Capture:

Call type indicator: Group, Private, OTA encrypted, Emergency
Talkgroup, ZoneID, UnitID, SiteID, (Aliases for all IDs), Phone Number on
interconnect calls

Any additional metadata provided by the AIS is recorded

Technical Details

IP audio and metadata are automatically recorded via Motorola
AIS/CRAM Dimetra System Release 8.3, Dimetra IP, Compact
and Micro

Validation: NexLog recording system validated at Motorola DK
June 2016



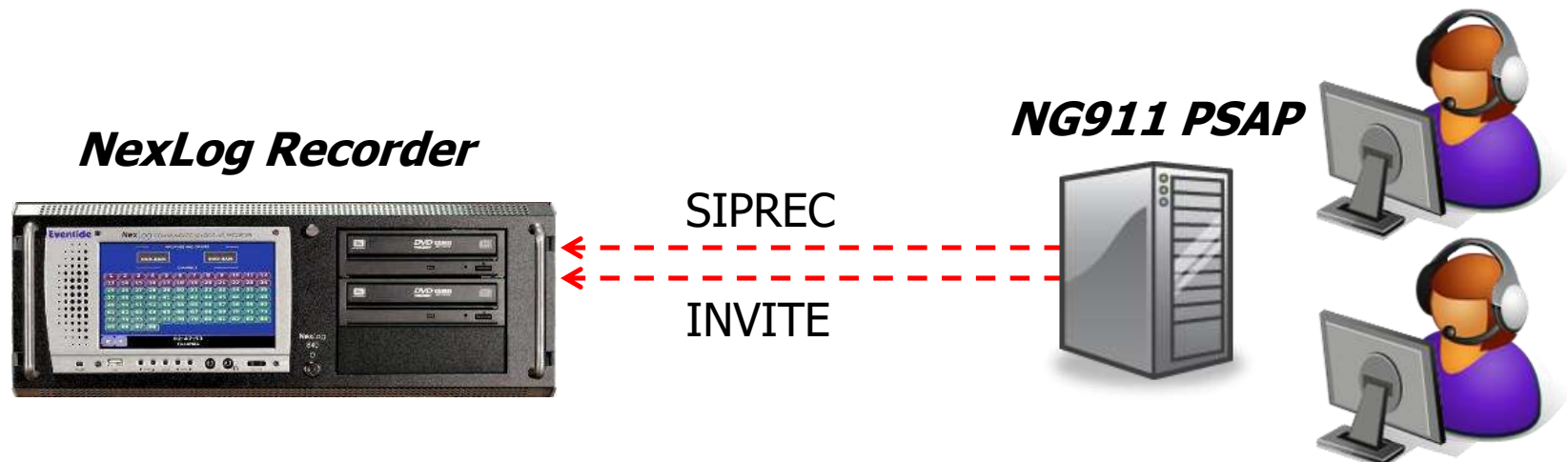
► Analog/IP Connectivity – Text 2 9-1-1

- Motorola Vesta – Analog/IP Audio, ANI/ALI, Text2911
- West Viper – Analog/IP Audio ANI/ALI, Text2911
- Zetron MAX-CT VoIP with ANI/ALI, Text2911
- Solacom – Analog/IP with ANI/ALI, Text2911
- TriTech – Analog/IP Audio with ANI/ALI, Text2911

- Motorola Call Works – Analog/IP Audio With ANI/ALI
- Comtech – Analog/IP IP Audio with ANI/ALI
- Westtel – Analog/IP Audio with ANI/ALI

► NG9-1-1 VoIP Recording via "SIP Invite"

- "SIPREC" is NENA's i3-standard recording interface
- Dedicated SIP trunk from the NG9-1-1 PSAP delivers live copies of each NG9-1-1 call's IP media to NexLog
- Participation in all recording related ICE Events



Picture and Video Capture Ready Today

The screenshot displays the MediaWorks Express software interface. On the left, a video window shows a silver car involved in a collision on a wet street. The video title is "MMS 1 Thu Feb 28 2013 12:08:27 GMT-0500 (Eastern Standard Time)". Below the video, a list of channels includes Channel 58, Channel 59, Channel 60, Channel 61, and MMS 1 (selected).

On the right, a data table is visible with the following columns: Caller Id, Dtmf, Annotations, Longitude, and Latitude. The table contains several rows of data, with the first row highlighted in blue.

Caller Id	Dtmf	Annotations	Longitude	Latitude
mschwartz			-74.123983	40.734283
mschwartz				
mschwartz				
mschwartz				
mschwartz				
mschwartz				
mschwartz				
mschwartz				

At the bottom, a control panel includes volume and speed sliders, a play button, and a timeline showing the current time as 2:18 PM on 8/1/2013.

Text/SMS Recording via NG 9-1-1

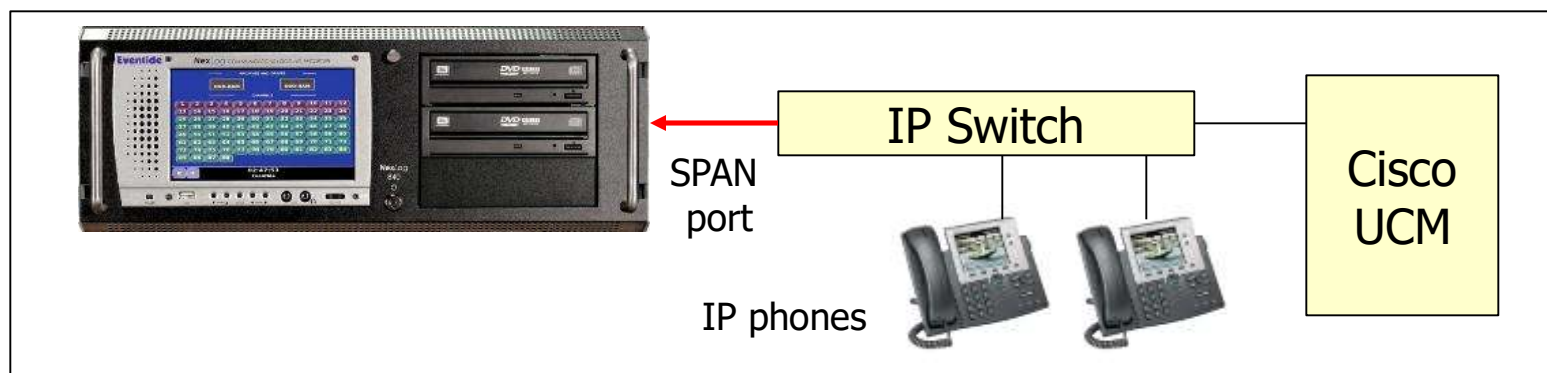
The screenshot displays the MediaWorks Express web interface in a Mozilla Firefox browser. The address bar shows the URL `192.168.2.2/client/mediaworks/`. The interface includes a navigation menu with options like File, Edit, Tools, Playback, View, and Help. A calendar for February 2013 is visible, with the 18th highlighted. A list of channels is shown on the left, including MMS 1, PC 1, and various POLICE and radio channels. The main window displays an MMS recording for 'MMS 1' on Monday, February 18, 2013, at 12:39:37 GMT-0500. The recording shows a conversation between a Dispatcher and a Caller. The Dispatcher's messages are in blue boxes, and the Caller's messages are in white boxes. The recording timeline at the bottom shows the audio waveform and a play button.

MediaWorks Express - Mozilla Firefox
File Edit View History Bookmarks Tools Help
GeoConexion MediaWorks Express
192.168.2.2/client/mediaworks/
Most Visited Getting Started
File Edit Tools Playback View Help
Channels Browse Search icom
Filters Search Res
Feb 2013
S M T W T F S
1 2
3 4 5 6 7 8 9
10 11 12 13 14 15 16
17 18 19 20 21 22 23
24 25 26 27 28
Use Time Range
Channels
MMS 1
PC 1
POLICE 3
POLICE 4
POLICE 5
POLICE 6
radio_2185
radio_2285
radio_2287
radio_2289
radio_2569
MMS 1 Mon Feb 18 2013 12:39:37 GMT-0500 (Eastern Standard Time)
Dispatcher: Caller:
11 what is your emergency
Ive been fixed! He did it hes here he fixed me
Slow down, tell me what happened. Has anyone one harmed you?
Yes Not yet but Papa bokur has put about a million hexes on me! hes here and hesse tring to kill me. The man is a witch doctor and he's a known killer! He put an egg in my tree and spiders iin my pillow
Sir are you at 126 County road in Vueruca?
Resource Name 2013-02-18 12:39:00 2013-02-18 12:40:00 2013-02-18 12:41:00 2013-02-18 12:42:00
MMS 1
One Minute
VOLUME 100% R
SPEED 100% R
MMS 1 • 2013-02-18 12:39:37 • 05:30
2013-02-18 12:40:21
Address Desktop 12:10 PM 4/6/2013

► Passive VoIP Recording for Cisco UCM

- NexLog 2.1 supports direct recording from SPAN port for Cisco UCM 7.x and Cisco UCM 8.x
- NexLog 2.1 supports G.711, G.722, and G.729* Codecs
- SCCP ("Skinny") signaling detection provides start/stop control and captures searchable call-related metadata

* G.729: optional codec licensing



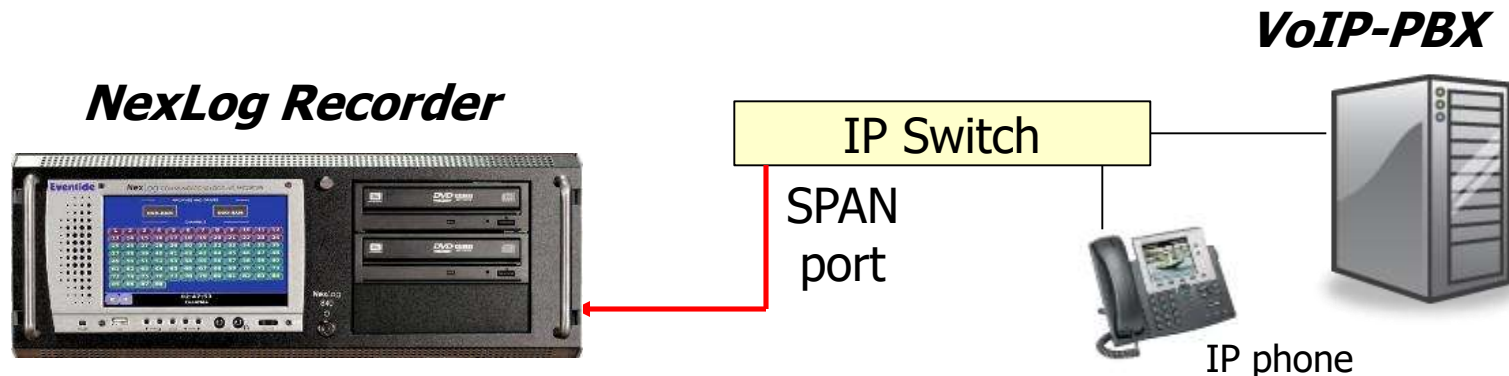
► VoIP Recording via Cisco Built-in-Bridge

- Cisco 3rd generation IP phones with Built-in-Bridge (BiB) automatically send duplicates of the TX and RX IP streams to the recorder, via a dedicated SIP trunk
- “Far-End ID” capture on CUCM 8.5 or later
- NexLog supports Cisco “automatic” (all calls) recording



► Digital & VoIP Recording via SPAN Port

- Passive = High-reliability for mission-critical recording
- VoIP signaling detection (available for many IP phones)
- Major Digital & IP-PBX systems are supported, including systems by Avaya, Nortel, NEC, Mitel, Toshiba, Cisco, Ericsson, and others
- Span port required for Avaya H.323, Nortel, Mitel, Panasonic, NEC, Shoretel, AASTRA/Ericsson



What We Need to Know?

- **What to do you want to record?**
 - **How many phone lines?**
 - What kind of phone lines (Cama, Analog, SIP)?
 - **How many phone sets?**
 - What kind of phones (digital, analog, VoIP)?
 - Model name and number?
 - **How many radio frequencies?**
 - **How many console positions?**
- **How many simultaneous replay users do you want?**
- **How long do you want to store calls?**
- **What integrations do you want?**

NexLog Features

- The NexLog recorder is an appliance product that has been designed, engineered, and tested to provide a high level of information assurance.
- The NexLog product is based on a highly-secure embedded Linux operating system.
- Eventide monitors Linux industry security groups, and promptly takes action to address critical issues.
- Major software releases are tested per the latest security STIG, using the industry-standard Beyond Trust Retina 'Network Security Scanner'. NexLog recorder software is then hardened to protect from any discovered vulnerabilities.
- Eventide continues to scan the most recent NexLog software release for vulnerabilities, and offers patches or configuration changes as may be needed. The latest NexLog software release is freely available from the Eventide Partner Portal.
- NexLog tightly controls access to the recorded media and metadata. Recordings can not be accessed through a filesystem or other unprotected methods.
- NexLog supports complex Password Policies, as well as optional Active Directory authentication.
- For the MediaWorks PLUS software (which is hosted by the NexLog recorder), all HTTP network traffic to/from browsers can be fully encrypted using signed certificates and SSL.

Key Benefits!

- **Linux Based Reliability**
- **Easy to use**
 - **Browser Based playback**
 - **Integrations to help find calls faster**
- **American Made**
 - **Developers are down the hall from support**
- **Hardware/Software Solution**
 - **One call to make for any problem**
- **More LMR, Console, 9-1-1 Telephony, Admin. Telephony Integrations than any other recorder**

▶ The *Solution* for IP Call Recording

NexLog

Next Generation Communications Logging Recorder



Factory Authorized Sales & Service provided by:

Business Electronics

www.beiinc.com • 1-800-444-7372

Wallingford, CT • Milford, MA • Parsippany, NJ