



LightHouse™ System NAR



**LightHouse™ Network Audio Recorder-(NAR)
Includes LightHouse™ SIP and RTP Server Software
and Vista™ Business Professional OS**



LightHouse™

Total Unity. Total Control.

LightHouse™ System—NAR

Description

NHI Intercom Server and Network Audio Recorder

- The Network Harbor Intercom Server is a standards-compliant technology to facilitate secure communication between substations and the control center, regardless of whether that substation is within sight or halfway around the world. Utilizing the SIP standard for audio/video session negotiation, the Network Harbor Intercom Server can control a virtually unlimited number of software device connections such as NHI-SC-100 Intercoms and SIP phones.
- Includes MS Certified SIP Proxy Server, and RTP/Server.
- The NHI Intercom Server is directed via a Portal on the NHI LightHouse™ Server, thus allowing any NHI LightHouse™ Client (permission/profile based) unparalleled options and control.
- * The NHI Network Audio Recorder (NAR) is a licensed option of the NHI Intercom RTP Mixer. When the RTP Mixer is configured to function as a NAR, all audio conversations over the NHI Intercom System are recorded in their entirety, along with metadata such as information on the stations involved. When the conversation ends, all of this information is archived and digitally signed to prevent unauthorized tampering.
- NHI LightHouse™ Client users (with sufficient permissions) are then able to search for a call based upon a time range and/or the clients involved in a call. The user can then download an encrypted copy of the audio log, which will be automatically decrypted and authenticated upon receipt. Finally, the user can listen to the whole conversation or any individual audio stream just as it was heard by the people in the conference. The ability to seek to a specific time or fast-forward and rewind

Features

NHI Intercom system features with Audio Recorder

- SIP/SIPS – Provides standards-based call control for the NHI Intercom System including NHI-SC-100 intercoms and other SIP compliant devices.
- RTP Support – Industry standard protocol for delivering audio and video over packet networks. RTP is routed through a central mixing server, allowing for audio conferences with an arbitrary number of participants.
- NAT Traversal with rport and symmetric RTP – Industry standard NAT traversal methods.
- Supports SIPS - SIP over TLS provides authentication of both endpoints and encryption of call control signaling.
- SIP Inter-Domain calling is supported.
- Utilizes the G.711 μ -law codec by default. Other codec choices can be supported.
- Supports SIP Presence – Subscribe/Notify Messages
- IPv4 and IPv6 support.
- Group calling functions such as:
 - All Call—Page—Pending—Group—Store Forward
- Audio control – Turn off incoming or outgoing audio on any connected device.
- Record audio from every intercom call on the system.
- Recorded audio is cryptographically signed using RSA asymmetric key cryptography immediately after a call termination to ensure audio log authenticity in the future.
- Audio logs can be searched by multiple characteristics via the NHI Audio Log Search control in NHI LightHouse™Client.
- Audio logs are securely transmitted from the NAR to a LightHouse™Client using Advanced Encryption Standard (AES256).
- Audio logs downloaded by the LightHouse™ Client can be listened to in their entirety or by individual participant. In addition, normal audio playback functionality such as pause, seek, fast-forward, and rewind is supported.

- **Specifications Are Subject to Change**
 - **Trademarks Are the Property of the Respective Trademark Holders.**
- ⇒ **Windows Server2003/05 required for systems with 10 or more workstations**

