



Layered**Solutions**

TWO-WAY RADIO INTEGRATION

Speak with one person or all users while on the move.



PRODUCT OVERVIEW

- Portable, multi-location and in-transit communication.
- One-to-one or one-to-all audible communication.
- Speak live or pre-record and send automated messages and instructions.

PRODUCT BENEFITS

- Connect multiple locations as well as shuttles, buses, delivery vehicles and more.
- Audible, immediate and attention getting form of communication.
- Organization-issued equipment not reliant upon individual phones.
- Maximize existing investment and integrate seamlessly with legacy two-way radios.

PRODUCT FEATURES

- All radios are supported through integration with the base station.
- Select channels and recipients with contact closures.
- Integrate with audio public address, phones and mobile apps.
- Integrate with legacy two-way radios.

QUESTIONS? REACH OUT TO US:

317-564-3208 • LAYEREDSOLUTIONSINC.COM

Technical Specifications

REQUIREMENTS

Client will provide an existing base station with the ability for an external push-to-talk input and audio input.

Software

- Two-Way Radio Integration Module
- Text-to-Speech (TTS) Engine and Tier 3 License per port for TTS Voice
- Tier 3 License for Audio Integration

Equipment

- Server Platform - one of the following components:
 - ▶ Small Intel Server: Model-NUC Small Form Factor (LSI-H10200)
 - ▶ Dell Server: Dual Power, Hardware RAID (LSI-H10302)*
 - ▶ Virtual Server: Requires client to provide virtual environment and network/tech support
 - ▶ Customer Provided Server: Minimum server requirements*
- Audio Controller - PoE and Direct Power Adapter included, one per frequency (LSI-H18800)

Network

Server

- 1 static IP, subnet, gateway, DNS, per device
 - ▶ 3 static IPs, subnet, gateway, DNS, per device if using a redundant configuration
- Standard power (110V or 220V) per server
- Ethernet network connection required for each server
- UPS recommended
- It is the responsibility of the customer to appropriately configure their network equipment so that the server pair appears to be residing on the same network and subnet.
- *NOTE: Serial and parallel ports have been disabled on the LSI server*

Two-Way Radio Integration Unit (LSI-H18800)

- 1 static IP, subnet, gateway, DNS per device
- PoE or standard power option
- Ethernet network connection
- Customer provided Base Station
 - ▶ Radio Frequency _____
 - ▶ Radio Make / Model _____
- *NOTE: DHCP configuration is available if desired. LSI equipment is to be located within 100 feet of main radio base station. LSI-H38500 provides full volume control and is PoE only – requiring a PoE capable switch*

* optional redundant configuration



LayeredSolutions

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ABOUT LAYERED SOLUTIONS

Layered Solutions is an experienced emergency management solutions provider that streamlines and simplifies emergency, safety and routine communication.

We support clients in education, healthcare, industrial, commercial and government by integrating technology to reach all of the right people with the right information simultaneously, for faster response times, safer environments and even life-saving results.

WHAT SHOULD YOU DO NEXT?

Call us at 317-564-3208 or email info@layeredsolutionsinc.com to find out more, set up your communications and emergency management assessment, webinar or on-site demo.