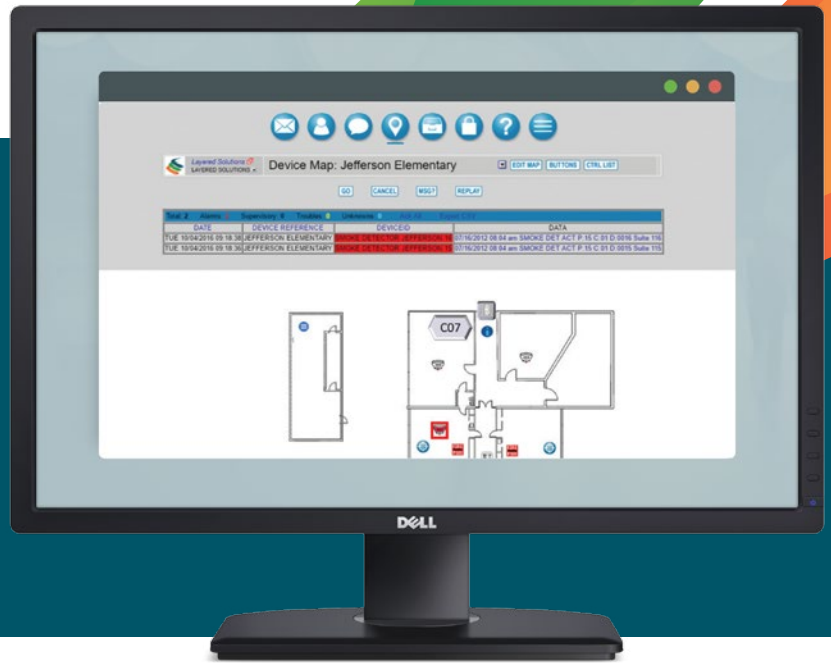




Layered**Solutions**

# FIRE ALARM SYSTEMS INTEGRATION

*Centralized Fire Panel Manager shows universal pull station data and alerts across all locations.*



## PRODUCT OVERVIEW

- Monitor all fire panels and alerts from your desktop or mobile app.
- Link different manufacturer panels into one system (voice and data).
- Integrate fire panels with other forms of mass notification.
- Push unique evacuation routes to PCs and Digital Signage for multiple locations.
- Push live building map with active devices to first responders.

## PRODUCT BENEFITS

- Leadership has a comprehensive picture of fire panels across all locations.
- Evacuation happens faster when alarms and instructions are communicated automatically via various forms of communication.
- Integration with phone, text and mobile app makes it possible to communicate live messages on the move and using a cell phone.

## PRODUCT FEATURES

- Centralized alarm monitoring.
- Display fire panel messages on LED signs, PC pop-ups and the mobile app.
- Create emergency messages ahead of time that can be automatically launched to the PA and Voice Evac.
- Initiate a live or text-to-speech message using your cell phone.
- Automate trouble alerts by email or SMS to technicians.

- First responders can pinpoint pulled alarm and other information en route to a location.
- Technicians are alerted to maintenance issues and trouble calls automatically.

QUESTIONS? REACH OUT TO US:

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# Technical Specifications

## REQUIREMENTS

Fire alarm data interface can be by RS232, XML, or contact closure to announce alarms.  
Fire alarm voice interface is accomplished using an Audio Controller.

## Software

- Fire Alarm Systems Integration Module
- Text-to-Speech (TTS) Engine and Tier 3 Licenses required for Voice Evac
- Tier 3 License per RS232 or XML connection and/or per Voice Evac connection

## 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\*
- RS232 Interface Adapter – PoE or Direct Power option (LSI-H18601 or LSI-H18602) – Not required if utilizing Potter IP Enabled Panel
- Audio Controller – PoE and Direct Power Adapter included (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*

### Fire Alarm Data Integration (LSI-H18601/LSI-H18602)

- 1 static IP, subnet, gateway, DNS per device
- PoE or standard power option
- Ethernet network connections
- RS232 output from the fire panel
  - ▶ *NOTE: The LSI server receives alarm information via an RS-232 output connection from your fire panel. This connection requires an open, available, and configured RS-232 port (9600 baud – 8, N, 1) on your fire panel. This interface is not provided by LSI. Partner or Client should contact the current fire panel vendor to determine availability and pricing.*

### Fire Alarm Audio Integration Unit (LSI-H18800)

- 1 static IP, subnet, gateway, DNS per device
- PoE or standard power option
- Ethernet connection
  - ▶ *NOTE: DHCP configuration is available if desired. LSI-H18800 device does not have volume control.*

\* optional redundant configuration



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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](mailto:info@layeredsolutionsinc.com) to find out more, set up your communications and emergency management assessment, webinar or on-site demo.**