



When you think signs, *think Signal-Tech!*



Parking Signage Edge Gateway *Hubhub for Parking*

Signal-Tech

LED Directional Signs & Signals

What is Hubbub?

Hubbub is Signal-Tech's proprietary IoT gateway. It simplifies illuminated sign management by serving as the central link between third-party parking software and Signal-Tech's LED signage.

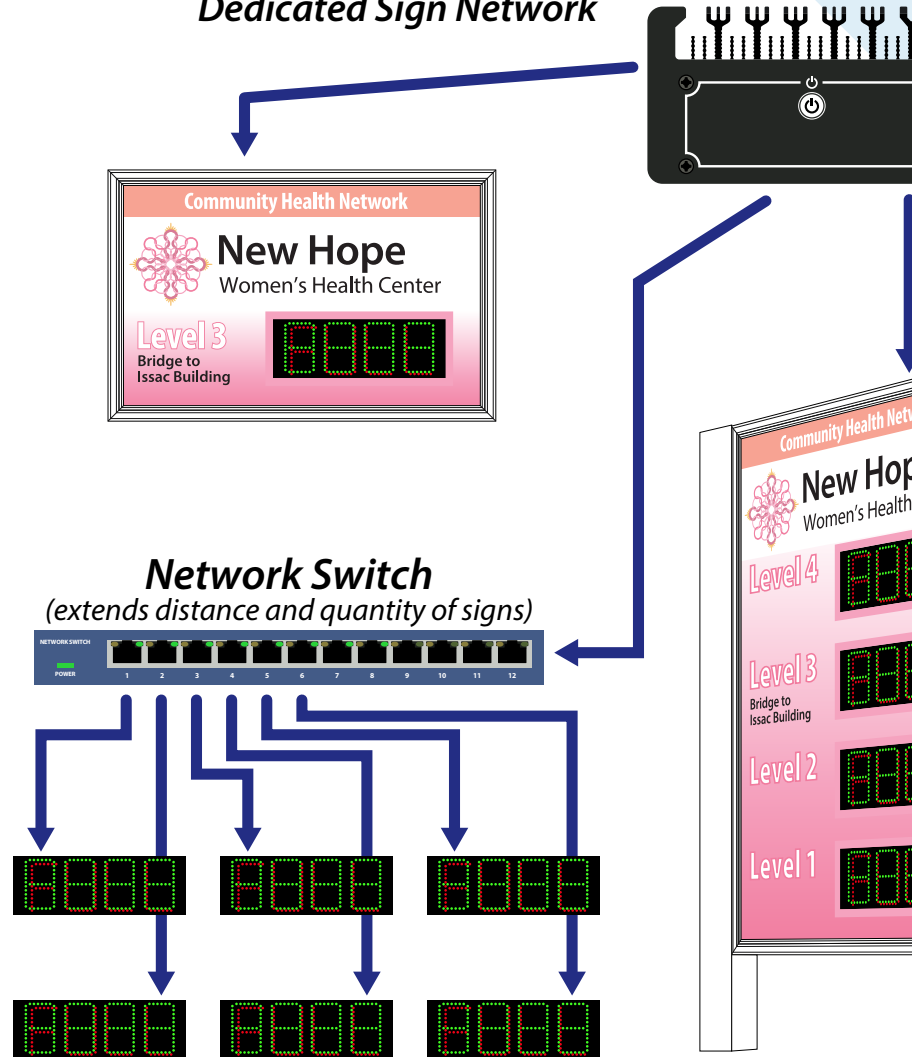
- Seamlessly plug and play LED signage with third-party parking management software
- Acts as the processing and communication hub between software and Signal-Tech's illuminated signage for real-time data exchange
- Enables efficient, centralized control of Signal-Tech's LED signage across the parking facility

How Does Hubbub Work?

Hubbub collects and processes real-time data from any parking software to track space availability. It communicates this information via TCP/IP to Signal-Tech's LED signs through a secure, dedicated gateway network, ensuring seamless and reliable operations between software and signage.

- Translates third-party data into updated display counts for LED signage
- Sends accurate space availability counts instantly when vehicles enter or exit
- Ensures fast, secure communication between parking software and Signal-Tech signs

Dedicated Sign Network



Your Parking System, Our Signs — Perfectly in Sync

Hubbub enables Signal-Tech's LED signage to work with third-party parking software, delivering reliable, cost-effective, and future-ready sign control. Hubbub makes high-quality, reliable LED signage a vital, plug-and-play part of any parking solution.

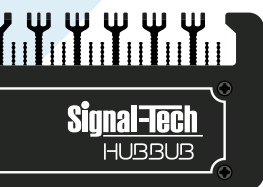
- Provides a fast, simple, cost-effective installation and setup
- Delivers dependable, on-site communication
- Requires only internet access for automatic software updates that future-proof your investment and extend system longevity

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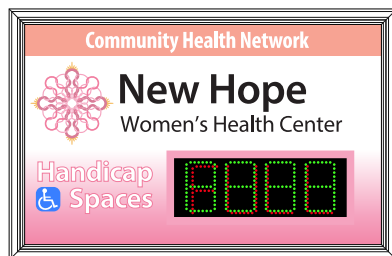
877-547-9900

Party
System

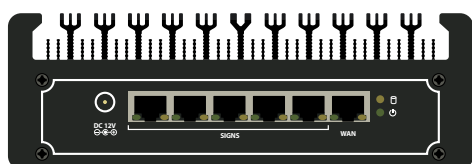
Data



Dedicated Sign Network



Meet
HUBBUB



Power (5) Dedicated Sign Network Ports (1) WAN Wide Area Network Port

Sign Control with an Intuitive Web Interface

Hubbub's intuitive web interface is accessible via any web browser over a LAN and can be securely configured for remote internet access, allowing users to easily manage illuminated signage.

- Configure, monitor, and manage sign communication and activity in real time
- View space counts and adjust LED display settings quickly and accurately
- Toggle operational modes such as "FULL," "OPEN," and "CLOSED" with precision

Built for Tech Pros: Secure, Simple, and Fully Customizable

For the tech-minded professional, our system delivers secure, plug-and-play installation with full API access, encrypted communications, and detailed logging for total control.

- Simple setup and installation using an isolated, internal network — "Plug-and-Play"
- Encrypted communication prevents tampering with LED sign counts
- Provides detailed logs of events, including sign display information and user activity for easy troubleshooting
- Direct access to API, including example formatting of JSON structure for customization

What Are the Components of Hubbub?

Hubbub connects directly to parking management system via its WAN port using either a local or an internet network. It then links to up to five Signal-Tech LED signs through dedicated ports, with the option to expand to virtually unlimited signs using network switches.

- Supports direct connection to up to five Signal-Tech LED signs
- Easily scalable with network switches for expanded signage needs
- Communication with Signal-Tech signs is local and private
- And of course, Signal-Tech's illuminated signage



signal-tech.com

We do **MORE** than you think...



**Effortless
Installation &
Setup**



**Reliable
Connection**



**More Uptime, Less
Maintenance**



Scalable



Secure

System Specifications

General Specifications

- Single WAN; Five dedicated ethernet ports for signs only
- HTTPS web interface with intuitive web GUI
- SSL/TLS email notifications
- Sign auto-discovery
- Easy to install dedicated, isolated sign network
- Automatic software updates
- Expandable using network switches
- Optional notifications

Requirements

- Installed in a climate-controlled IDF/utility room +14° to +122°
0-95% RH (non-condensing)
- Operating voltage: 120VAC > 12VDC (adapter included)
- 20W (Idle) to 80W (Max)
- Ethernet runs limited to 328ft, to extend further use network switches (not included) refer to commercial cabling standards laid out by ANSI/TIA=568 and IEEE802.3

Sign Series Compatibility

Compatible	Upgradeable*	Currently NOT Compatible
S-SA (Ethernet/Smart) Display Inserts	SA (Serial/non-Smart) Display Inserts	TCL Direct-view LED Signs (Smart or non-Smart)
S-SA & S-SAI Multi-level Signs	SA (Serial/non-Smart) Multi-level Signs	PHX Backlit LED Signs (Smart or non-Smart)
SAF* Flex Signs (* Symbols & color control coming soon)	<small>* Signs manufactured before Jan 2021 may not be compatible. Contact a sales representative.</small>	RGB "Rebel" or "Freedom" VMS Signs

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