



## RESPONSE PAGING for HOSPITALS

Notify personnel within seconds, then **confirm** who **received** the message, who **read** the message, and **how they are responding**.

Our response paging solutions notify clinical personnel quickly, and then track who has responded and when. These systems accept messages directly from nurse call, patient care devices, and other inputs, and transmit messages directly to personnel using high-power dedicated transmitters. Messages and responses are displayed via web dashboard, showing real-time data as well as historical trends.

Personnel carry small acknowledgment pagers, no larger than a small stack of business cards.

These pagers are *always-on* devices with an embedded transmitter and receiver, and a battery lasting up to two weeks between charges. Recipients get their messages quickly, reliably, and without complication.

Our systems are fast, reliable, and simple, delivering and confirming messages *without the reliability problems of Wi-Fi, cell networks, and smart phones*. These strengths ensures more accurate and faster alarm notification, decreased alarm fatigue, and improved patient safety.

- *Message Confirmation*
- *Full Audit Trails*
- *Alarm/Messaging Analytics*
- *Quick Escalations*
- *No Coverage Holes*
- *Fast, Simple, Reliable*
- *HIPAA-Compatible, AES-128 Encryption*



## How it works

Our solution is a dedicated, narrowband, 900MHz radio system. It consists of an integrated **system controller** and **base station**, and it uses dedicated transmit and receive channels. The base station transmits messages and synchronization using a high-power **digital base transmitter**, and it receives confirmations and replies using a high-performance **digital base receiver**. A single base station typically covers an entire hospital complex plus a 3-5 mile radius of surrounding area.

A system can support a single unit, or it can support an entire hospital or municipal area. The system controller interfaces directly to nurse call systems, middleware solutions, PBX/PSTN, PCDs, intranet, and the Internet.

Because the system connects directly to personnel using high-power RF instead of Wi-Fi or cellular networks, messages are reliably delivered within 5 seconds, without coverage holes or service interruptions. The system is fully self-monitored to identify problems and potential problems long before they affect operation. Optionally, it supports active redundancy and battery back-up to maintain reliable operation even under catastrophic conditions such as a regional weather event or infrastructure failure.

Under almost any situation, the system continues to deliver and confirm clinical alarms, code pages, and other critical messages, reliably and without interruption.




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