

RESPONSE PAGING for PUBLIC SAFETY

Alert personnel in seconds, then **confirm immediately** who **received** the message, who **read** the message, and **how they will respond**.

Our response paging solutions notify first responders quickly, and then inform incident command who is responding and when. These systems accept messages directly from 911 dispatch, and transmit messages directly to responders using **NFPA-compatible** high-power dedicated transmitters. Response activity is displayed via web dashboard, showing real-time as well as historical views and analytics to authorized command staff.

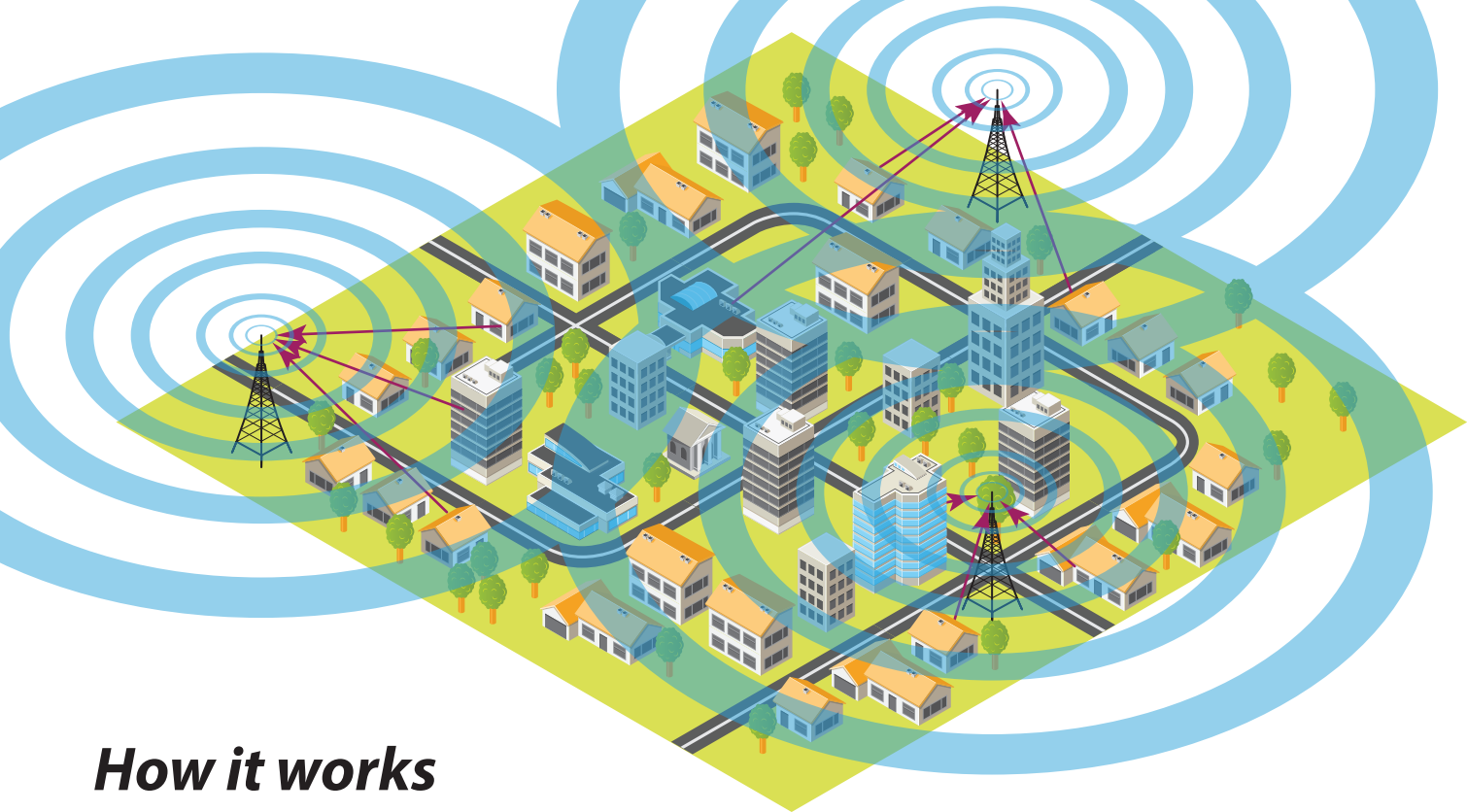
First responders carry small acknowledgment pagers, no larger than a small stack of business

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

Our systems are fast, reliable, and affordable, delivering and confirming messages **without reliance on cell phone networks**. Compared to voice paging and smart phone apps, we offer **faster turnout, fewer surprises, and more effective incident management**.

- *Message Acknowledgement*
- *Message Read Confirmation*
- *Message Reply*
- *Response Dashboard*
- *AES-128 Encryption*
- *Fast, Simple, Reliable*
- *ISO/NFPA-Compliant Coverage and Performance*





How it works

Our solution is a dedicated, narrowband, 900MHz radio system. It includes one **system controller** and one or more **base stations** (transmitter and receiver), and it uses dedicated transmit and receive channels. Base stations transmit messages and synchronization using high-power (500-1000W) **digital base transmitters**, and receive confirmations and replies using high-performance **digital base receivers**. A single base station typically covers a 3-10 mile radius, and a system controller can simulcast sites together to increase this coverage into thousands of square miles.

A system can support a few users, or it can support 50,000 or more users across a city, county, or entire state. The system controller interfaces directly to CAD as well as PBX/PSTN, e-mail, intranet, and the Internet.


Because the system uses dedicated, high-power RF instead of cellular networks, messages are reliably

delivered within 5 seconds, without unintended coverage holes or service interruptions. Likewise, responses are received directly and routed to authorized command staff. All messaging and response activity is viewable in real time, and also in an historical context.

The system is fully self-monitored with SNMP to identify problems and potential problems long before they affect service. Optionally, it supports active redundancy to maintain reliable operation even under catastrophic circumstances such as a regional weather event or infrastructure failure.

Under almost any situation, the system remains fully operational, reliably delivering dispatches, alerts, and other critical messages to first responders and tracking as they are received, read, and acted upon.




 Critical Response Systems, Inc.
 770-441-9559
sales@criticalresponse.com
www.criticalresponse.com