

SPARKGAPTM

Critical Messaging System

Improve Efficiency. Eliminate Uncertainty.



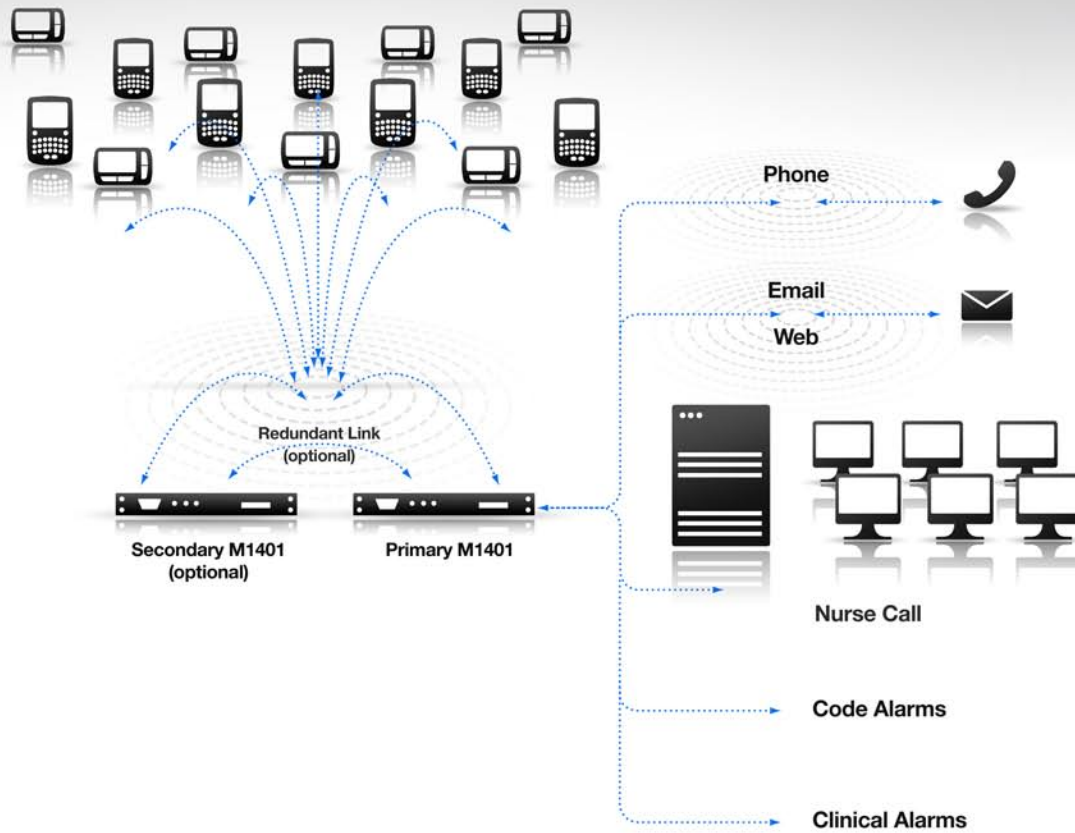
-  **Message Confirmation and Acknowledgment**
Message delivery confirmation, user read confirmation, and multiple-choice responses for individual and group messages.
-  **FAST Group and Individual Message Delivery**
Whether it's a message to single doctor or the entire hospital staff, it's delivered in less than 5 seconds.
-  **Hospital-wide coverage**
Complete coverage of the entire hospital complex plus outdoor coverage for 3-10 miles beyond.
-  **HIPAA Encryption**
128 bit AES message encryption for HIPAA compliance
-  **Wireless email**
Users can send and receive secure wireless email.
-  **Support for legacy 1-way and 2-way pagers**
-  **FCC protected channels**
Exclusive-use FCC license to ensure no interference with critical and urgent messages

Alert personnel within 5 seconds, then know immediately who has received the message, who has read the message, and how they will respond.

The **SPARKGAP**TM system delivers fast secure messaging to healthcare professionals without the privacy concerns and performance limitations of overhead paging, traditional beepers, and dataphones.

SPARKGAPTM connects directly to the hospital PBX, email, and intranet, as well as directly to clinical escalation systems. Whether to one person, a code group, or hospital wide broadcast, messages are delivered and pagers are alerting within 5 seconds. **SPARKGAP**TM is *the solution* for urgent and critical alerting in hospitals.

The SPARKGAP™ System



The SPARKGAP™ system has a range of up to **10 miles**



A SPARKGAP™ system includes one or more M4101 network controllers, with additional M2101 site controllers if necessary, base transmitters and receivers, and mobile subscriber devices. SPARKGAP™ connects directly to your nurse call, clinical alarm, and escalation systems using TCP/IP, and can connect to legacy systems using TNPP, TAP, and telephone interfaces. It provides rapid alerting and messaging with virtually unbreakable security, and operates with the lowest cost-per-user and cost-per-coverage-area of any wireless data solution available. For additional resilience, redundant hot standby configurations maintain network operation even under catastrophic circumstances, keeping personnel connected when they're needed most.

