



## WIRELESS MESSAGING – PUBLIC SAFETY SOLUTIONS EMERGENCY ALERTING – PAGING SYSTEMS

**NEXT GENERATION WIRELESS MESSAGING**  
SONIK continues to design and develop the Next Generation Wireless Messaging Solutions to provide Public Safety Agencies an avenue to effectively renew their investments in paging and extend the useful life well into the future.

Expanded benefits include priority paging, integration into 911 CAD dispatch systems, and modern paging technology components. SONIK can provide **voice and digital, Narrowband compliant** paging infrastructure equipment that operates in the VHF, UHF, or 900 MHz bands, 1-Way or 2-Way messaging and allows users to receive their messages with commercially available pagers.



**SONIK**  
EXPERTISE



### In PAGING We're the ONE

- **Emergency Messaging**
- **HealthCare**
- **Public Safety**
- **Private Paging**
  - **Wide Area**
  - **On-site**
- **High Reliability**
- **Legacy System Support**

For additional Information visit our Web site at [www.SONIK.com](http://www.SONIK.com) or phone 760-599-2800.

### STATE-OF-THE ART WIRELESS TECHNOLOGY

By taking advantage of today's advancements in scalable, highly reliable, and efficient Digital Signaling Processing (DSP) technology, SONIK's solutions incorporate a proven design, integration and manufacturing technology in each system component. Together with acquired intellectual property licensed from Motorola and others, SONIK solutions surpass the quality standards for meeting mission-critical public safety high-performance paging systems.

### HIGH RELIABILITY SUPERIOR SUBSYSTEM COMPONENTS

To increase system availability, the system's high reliability has its foundation in the individual subsystems built by SONIK. Each are designed and manufactured to the highest quality standards. It is designed to meet the paging industry's latest standards for high speed ReFLEX and FLEX simulcast operation.

### PROTECT YOUR INVESTMENTS - LEGACY SYSTEM SUPPORT

There is no need to replace your whole system. SONIK supports a wide range of standard network interfaces that are ideal for both new systems as well as upgrading of existing paging networks. Legacy system support includes OPP, I20, SYLC and SuperStream protocols and can interface with C2000, C-Net, RF Conductor BATON, Zetron and other controllers.

### KNOW WHO'S ENROUTE / AUTOMATIC ESCALATION SUPPORT

For volunteer agencies, SONIK offers an automatic notification and escalation support of response teams who are enroute. Thereby reducing duplicate call outs and increasing efficient use of the volunteer resources.

### POSITIONED FOR THE FUTURE

With legacy service and equipment providers exiting the paging industry over the past years, SONIK is one of few to be broadening capabilities in the Wireless Messaging area. SONIK's on-going, long-term commitment and in-house paging systems engineering expertise make them the ideal partner for years to come, as aging paging and emergency equipment must be updated or face obsolescence.

#### Benefits

- High Reliability
- Know who's En-route
- Investment Protection
- Integration with E911 CAD Systems
- Regional Control with Multi-tier Priorities

#### Features

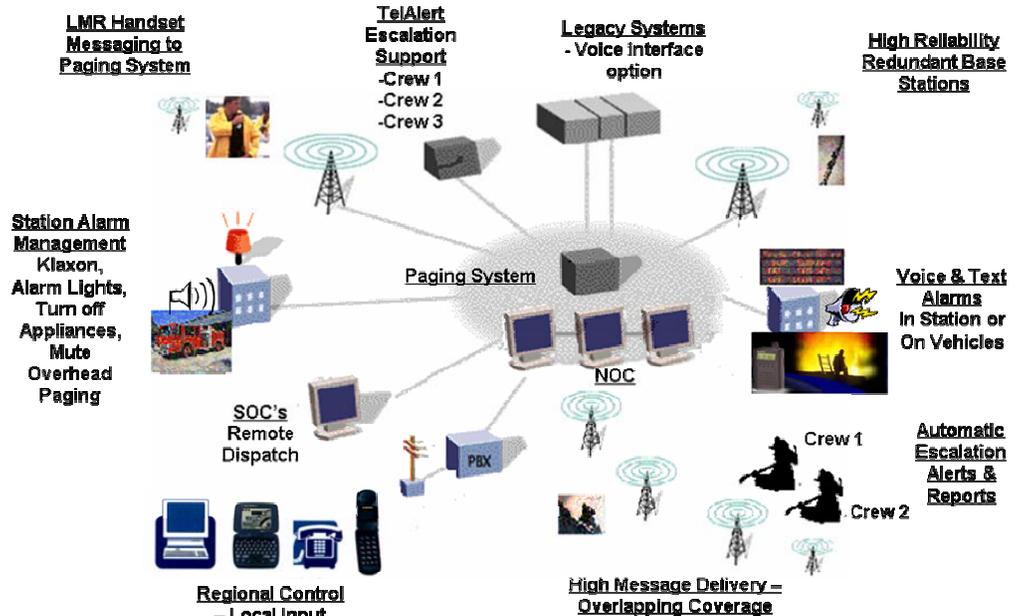
- Simulcast Option with GPS
- 1-way or 2-way Messaging Formats – Voice, POCSAG, GOLAY, 2 or 4 level FLEX and ReFLEX paging formats
- Meets FCC Narrowband 12.5 KHz Channel re-farming requirements
- Voice, numeric and alphanumeric pagers



**WIRELESS MESSAGING**

**Public Safety Paging Solutions**

**Typical Public Safety System Diagram**



**ABOUT SONIK**

SONIK is a global provider of innovative technology solutions that empower our customers to access their information or content anytime, anywhere. With over 20 years of technology management and industry expertise, we focus on providing clients with proven experience and management expertise in these business solutions:

- INTEGRATED COMMUNICATIONS
- SELF-SERVICE PLATFORMS
- MESSAGING
- PERVASIVE COMPUTING
- MOBILE COMPUTING
- SUPPLY CHAIN
- PUBLIC SAFETY
- DIGITAL MEDIA

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**Selected Encoder/Terminal Specifications:**

Paging Format	Analog, POCSAG (tone, numeric, and alpha at 512, 1200 or 2400 bps FLEX, ReFLEX 2/4 level up to 6400 baud
Serial port protocols	TAP, COMP2, COMP1
Pager database maximum size	1,000-10,000+ individual pagers
LAN/WAN Interface	10/100 base T

**RF Options:**

Frequency bands	150 - 174 MHz 400 - 512 MHz 928 - 960 MHz
RX channel spacing	25kHz (wideband) or 12.5kHz (narrowband) models available
Frequency stability	.05, 1, 1.5, and 2.5 ppm options
TX power output	2 - 500 watts
Supply Voltage	10 to 28 volts DC 115/230 VAC
Size	4-12 Rack Units based on model options
Emission Designators	16K0F1D, 11K0F1D, MNT-DPT-150, MNT-DPT-450
Temperature	-30 to +60°C

Specifications subject to change without Notice