# SINGLE COMMUNICATIONS INTERFACE



REDUNDANT COMMUNICATION
TO SIRENS AND ALERT DEVICES



## MULTIPLE COMMUNICATION PATHWAYS TO SIRENS & OTHER ALERTING DEVICES

The Single Communications Interface (SCI) allows redundant communication pathways to sirens and other alerting devices. The network SCI supports voice transmissions, turning any siren or alerting device into a network-ready system. This allows for transmission of live or recorded voice announcements to equipment previously not network-compatible.

For higher system availability, a second channel can be configured to support fully-redundant communication pathways. Feedback to the CentrAlert C-DAC system notifies maintenance personnel of channel availability. Install the SCI into third-party devices with our encrypted protocol and upgrade systems for redundancy and secure communications.

#### **Operational Features**

- Convert Existing Sirens to IP Communications
- Encrypted Version Supports VHF, UHF, Ethernet and More
- Maintains Live Connections to Both Communication Pathways
- Monitors Communication Pathways and Sends Alarm Data when Either Channel is Down
- Conformal-Coated to Resist Weather and Corrosion

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#### **Network Ready/VoIP Capable**

 Turn sirens or other alerting devices into a network-compatible, VoIP-ready system

#### **Multiple Protocols**

- DTMF
- Digital
- FSK
- · XML
- CentrAlert 256-bit encryption

#### **Multiple Communication Networks Supported**

- Radio: Analog, Digital, Trunked Systems, PTT, P25
- Ethernet: TCP/IP, VoIP, Radio Over IP (RoIP), Fiber Optic, Mixed Media
- Telco: Handset, POTS 2-Wire Landline

#### **Available Alarms**

· Communication failure on the channel

#### **User Configurable Features**

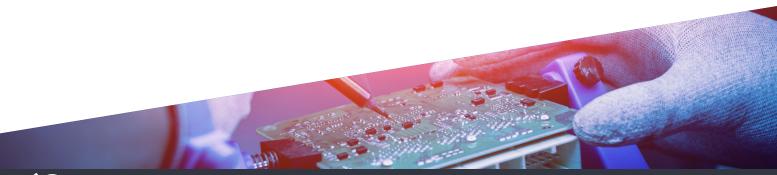
- Programmable via PC with HyperTerminal (XP)
- · Device address for diagnostics
- · User-defined latency window for incoming data
- · Unicast or multicast options
- · Timing of comm health check

#### **Diagnostic Features**

- · Validation LEDs flash to verify data from all ports
- Power "on" LED
- · Audio level adjustments

#### **Power Options**

- · Direct power from device control board
- 12 VDC or 24VDC power supply



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