Prism-IPX and TPL Systèmes Have Joined Forces to Create a Secure, Low Latency and Cost Effective 2-way Communications Solution For Applications Requiring Quick Response

The Threat Alert Solution can be used for normal , day to day, status reporting such as facility security monitoring , and in event of an emergency provides a quick, reliable way of reporting the situation and its location. It addresses this through the use of multiple, proven, integrated technologies:

Bluetooth Beacons-These low power devices can be distributed throughout the desired coverage area broadcasting their individual ID.

Birdy SLIM IoT Wireless Communicator-This software based device is a Receiver with a low power Transmitter that can be programmed for a variety of applications. It can receive digital text messages and , if programmed, respond automatically confirming receipt of the message along with its location based on the Bluetooth Beacon ID detected or its GPS location. The device also supports simple, User initiated responses for emergency situations.

PocOverIP Gateway- These Gateways are placed in select locations in order to capture Birdy SLIM IoT transmissions and pass along this information to Management Server for processing.

Management Server– A web based controller that processes the Gateway's transmissions and performs the following:

- Routes responses to designated devices/Systems (e.g., Cell Phones, email, other Birdie SLIM IoT devices, 911 Centers, etc.)

- Maintains a historical database on device status such as call completions, responses, status along with Bluetooth Beacon location mapping.

Main Specifications

Solution Components

Smartpager Birdy Slim IoT

- Multi-Mode:POCSAG or FLEX
- 128 Addresses
- Frequencies: VHF,UHF & 900MHz
- Channel Spacing: 12.5/20/25 KHz
- Modulation: NRZ
- Frequency deviation: +/- 4.5KHz
- Sensitivity: 2.5µV/m, 1200bps : 3.0µV/m, 2400bps : 3.5µV/m
- Selectivity: 65dB +/-25KHz
- Intermodulation protection: > 65 dB
- Acceloremeter 3 axis. ManDown
- GPS module/ Bluetooth Module
- Extremely Rugged : IP67
- Large Multicolor Backlight Display 8 Lines 16 characters per line
- Battery 3.7V ,950mAh
- Weight: 90 grs
- Size: 97.4 x 54.7 x 16.7 mm

Bluetooth IPS Beacon

- Modulation: Bluetooth Low Energy (BLE©) 4.2
- Frequency: ISM 2.4GHz
- Transmit Power: <+4dBm e.i.r.p.
- Receiver Sensitivity: -92dBm
- Ceramic Antenna
- ABS plastic case
- Weight: 60 grs
- Size: 75 x 45 x 22 mm
- Wall Mount

PocOverIP Gateway

- Frequency: 438~470MHz
- Channel spacing: 12.5/20/25 KHz
- Modulation: POCSAG NRZ
- Frequency Deviation: ± 2,25KHz (12.5KHz); ± 3.6KHz (20KHz);± 4.5KHz (25KHz)
- Sensitivity: -122dBm typ
- Selectivity: 60dB +/-25KHz
- Intermodulation Protection: > 60 dB
- Frequency Stability: ±2ppm
- Aluminium Case
- Weight: 300 grs
- Size: 100 x 100 x 30 mm

Smartpager Birdy Slim IoT

Bluetooth IPS Beacon

Poc*OverI*P Gateway

Specifications are subject to changes without notice to improve performances, functions or design.