



# BE HEARD

## IN CRITICAL MOMENTS

## PUBLIC SAFETY SOLUTIONS

### Deploy Comms Fast

Quick deployable on-site communications is critical for agents in the field to assist them in coordinating a response to an incident or to aid an investigation. Secure communications amongst agents and headquarters is crucial for national security.

### PROBLEM

At a moment's notice, Federal agents are dispersed across the country to support incidents and investigations. Without quick deployable communications support, they arrive at a location and have to wait hours for an onsite communications system to be setup or for a mobile command centre to arrive. The problem with current deployable solutions is their dependence on an Ethernet port for backhaul to headquarters and the time it takes to setup the complex backhaul configuration. In incidents that require an emergency response, hours are not acceptable and seconds are precious when the lives of citizens and agents are on the line

### HOW WE SOLVE THE PROBLEM

Codan's Stratus is a one-of-a-kind solution in the form of a P25 transportable repeater with an integrated 3G/LTE modem that provides secure P25 communications to other IP capable radio communication infrastructure and to consoles located virtually anywhere in the world. Once on site, setup of a Stratus repeater takes only a few minutes, including mounting the antenna on an optional tactical quick deploy antenna mast. Agents do not need any communications network experience as deployment involves only a few simple connections; the Stratus

unit powers up with the push of a single button. Agents then have immediate communications back to headquarters to coordinate their response.

A Stratus repeater can work stand-alone or link with multiple Stratus repeaters to provide an ad-hoc wide area network, enabling agents to securely talk to each other as well as with headquarters. Stratus is designed specifically for quick deployment operations. All components are enclosed in a lightweight, rugged tactical case that can withstand rough handling and severe environments. Stratus is the only transportable P25 solution that enables agents in the field to quickly and securely establish a wide area network and a communications link with headquarters via existing LTE networks. When seconds count and lives are on the line, Stratus is the only solution that can be counted on.



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## **PUBLIC SAFETY SOLUTIONS**

### **Simplify Comms**

For quick deployment of on-scene communications for global and nationally significant events, a solution with a small footprint and low power consumption is needed for agile communications within an agency

#### **PROBLEM**

For global or nationally significant strategic events, such as a summit, annual meeting, ceremony or rally, temporary and secure onscene communications are required to monitor, coordinate and respond to incidents throughout the event. Having agents able to talk to each other and respond immediately is critical for the safety and security of all attendees. With event times ranging in duration, a temporary communications solution is required to provide secure and reliable communications to a large number of agents. Finding a solution that can be easily setup, and easy to use for a large number of users can be challenging

#### **HOW WE SOLVE THE PROBLEM**

Codan provides a deployable trunked P25 system that allows an agency to provide channel efficient communications to a large number of field agents during an event without the need of manual channel management. The system enables secure communications in any location; cities, suburbs or remote areas. Codan's deployable trunked system has the smallest footprint in the industry and can be customized for the number of channels and frequencies required due to the modular nature of Codan systems.

All users of the trunked system are registered and managed, meaning a private and secure system for communication; for further security, the Codan trunked system supports the transparent passing of AES-256 encrypted signals. Since the Codan transportable multisite trunked systems are IP-based and APCO P25 compliant, they can be networked together or to larger, fixed compliant third party trunked systems via the ISSI protocol. The system hardware is housed in lightweight transportable cases for easy relocation directly on-site or inside a mobile command center – whatever is needed, the small footprint makes the Codan deployable P25 trunked system the most agile and easy to use communications system for homeland security applications.