

CODAN
RADIO COMMUNICATIONS

The best of both worlds



CODAN STRATUS™ NETWORK

CODAN™ Stratus is the first P25/LTE hybrid solution that leverages the strengths of both technologies to provide secure mobile and fixed voice networks. With the power of P25 and LTE, Stratus integrates a VHF/UHF/700-800 MHz P25 repeater, Universal Interface Card (UIC) and LTE modem, linking instantaneously into established networks or creating a new communications network without requiring a hard wired Ethernet connection.

Stratus is available as a rugged Tactical Repeater or a Fixed Site solution. Housed in a rugged Pelican™ case, the deployable Stratus Tactical Repeater has the mobility of a subscriber unit in a lightweight, easily transportable infrastructure solution, ensuring complete system and network coverage from any location, whenever you need it. The Stratus Fixed Site solution is a 2RU unit that seamlessly integrates into a fixed network to save on costly leased lines and T1 connections.

In just minutes you can deploy a Stratus network solution consisting of a Stratus Repeater, Power Center and Rapid Antenna. The Stratus network automatically establishes connections with P25 subscribers, Smartphones (with the Stratus app), the Stratus Controller and P25 DFSI consoles ensuring your teams are all kept in the loop.



P25 WIDE AREA COVERAGE

Provides reliable P25 network connectivity anywhere with cellular coverage on all major telecommunications networks, ensuring you're never isolated from the network



P25 & PROPRIETARY NETWORK INTEGRATION

The open standard P25 interface enables interoperability with P25 vendor subscribers and integration into any proprietary analog or P25 network.



FIXED SITE SAVINGS

Save on the costs of leased lines and T1 connections for fixed site repeaters and base stations with the Stratus Fixed site.



DOUBLE ENCRYPTION

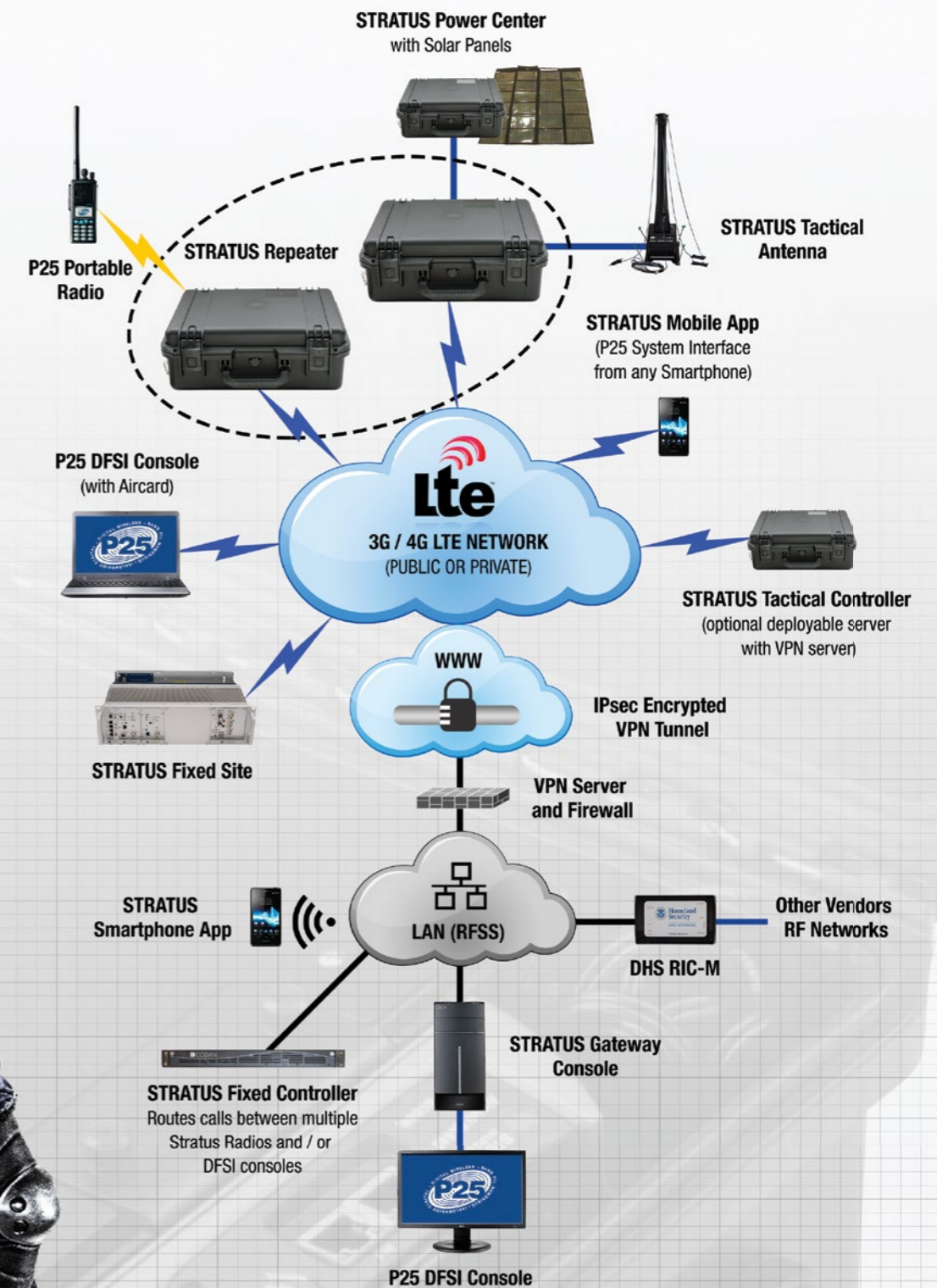
Provides double encryption with P25 AES-DES and a highly secure VPN connection into your local area connection



QUICK DEPLOYMENT

The Stratus Repeater, Power Center and Rapid Antenna are optimized for transportability, with a complete Stratus network deployable within five minutes

STRATUS NETWORK CONFIGURATION



LEGEND

- P25 Multicast capability
- ⚡ 3G / 4G LTE signal with DFSI through VPN
- ⚡ P25 Common Air Interface RF signal
- Network IP connection with DFSI
- Other type of connection

STRATUS TECHNOLOGY COMPARISON

	CODAN STRATUS	MOTOROLA APX 7000L HANDHELD	MOTOROLA/HARRIS/TAIT GATEWAY
Uses LTE and P25	✓	ONLY IN COVERAGE AREA	REQUIRES MULTIPLE DEVICES
Operates on all Public Cellular Networks	✓	✗	✗
Falls back to 3G mode	✓	✗	✗
Voice Communications over LTE	✓	✗	✗
Operates on FirstNet	OPTIONAL	✓	✗
Uses existing customer subscribers	✓	✗	NOT STANDARD
Interoperability with a variety of vendor consoles	✓	✓	NOT STANDARD
Operation in poor / no coverage areas	✓	✗	✗
Proprietary Network Integration	✓	✓	NOT STANDARD
Quick deployment anywhere, anytime	✓	✗	✗

*Chart comparisons based on leading competitors in the LMR industry. All information is accurate at time of publishing.

STRATUS NETWORK COMPONENTS



STRATUS / STRATUS
LITE REPEATER



STRATUS RAPID
ANTENNA



STRATUS POWER
CENTER



STRATUS TACTICAL
CONTROLLER



STRATUS FIXED
SITE



STRATUS
STORM APP

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www.codanradio.com/stratus

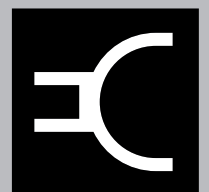
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