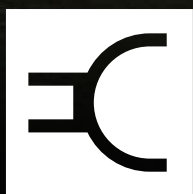


# STRATUS



CODAN  
RADIO COMMUNICATIONS

The best of both worlds





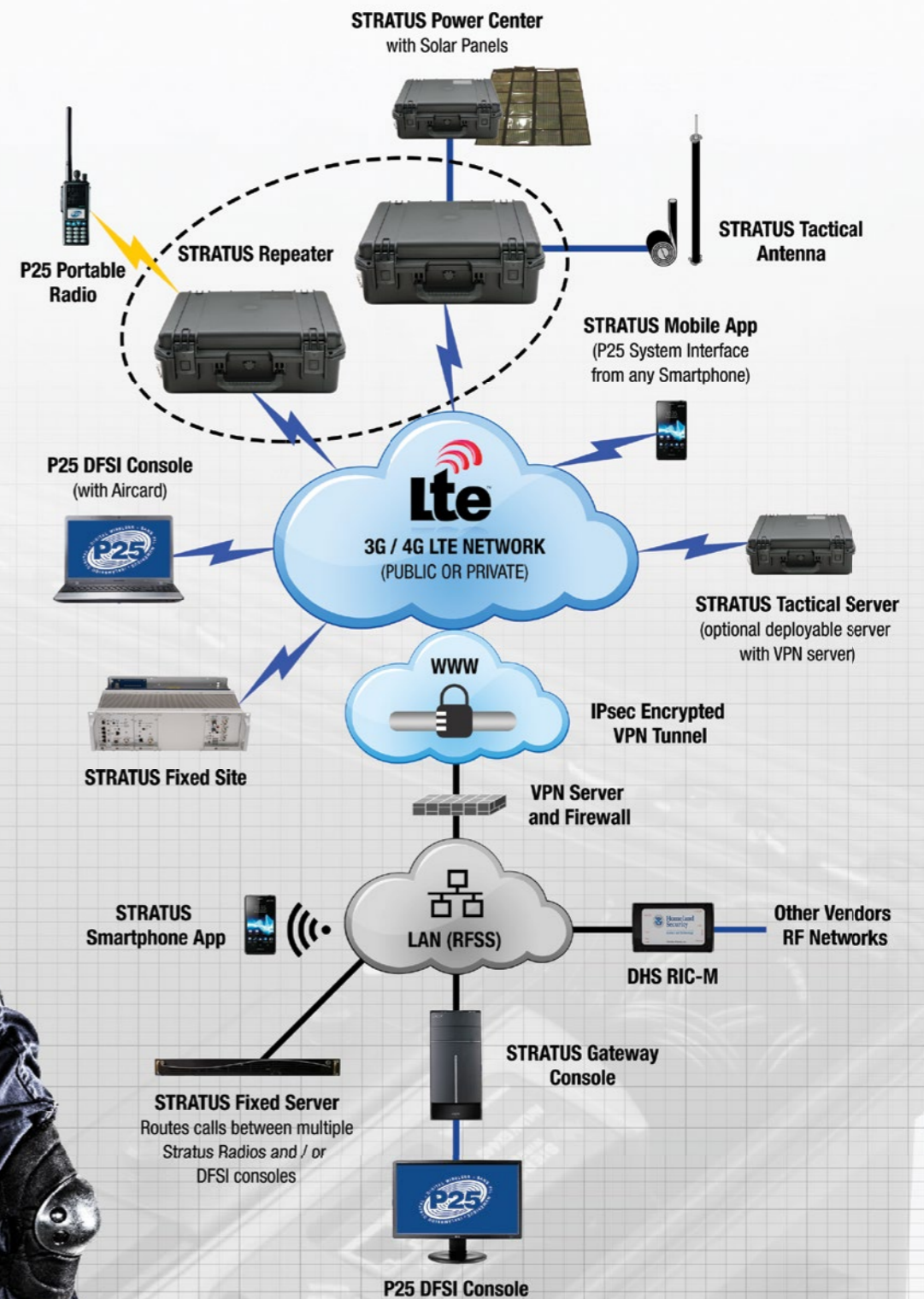
# CODAN STRATUS™ NETWORK

CODAN™ Stratus is the first deployable P25/LTE hybrid solution that leverages the strengths of both technologies to provide secure mobile voice networks. With the power of P25 and LTE, Stratus 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.

Housed in a rugged Pelican™ case, the Stratus Tactical Repeater 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.

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 Server and P25 DFSI consoles ensuring your teams are all kept in the loop.

# 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



## 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 INTEROPERABILITY

The open standard P25 interface ensures all P25 vendor subscribers are interoperable with the Stratus network and can connect instantaneously



## PROPRIETARY NETWORK INTEGRATION

Integrates into any proprietary analog or P25 network with complete communications interoperability for instant expansion



## 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 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	NOT STANDARD	✓	✗
Uses existing P25 equipment saving money	✓	✗	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 REPEATER



STRATUS RAPID ANTENNA



STRATUS POWER CENTER



STRATUS SERVER (TACTICAL/FIXED)



STRATUS STORM APP

12-30046-EN Issue 1

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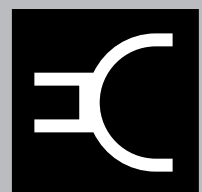
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