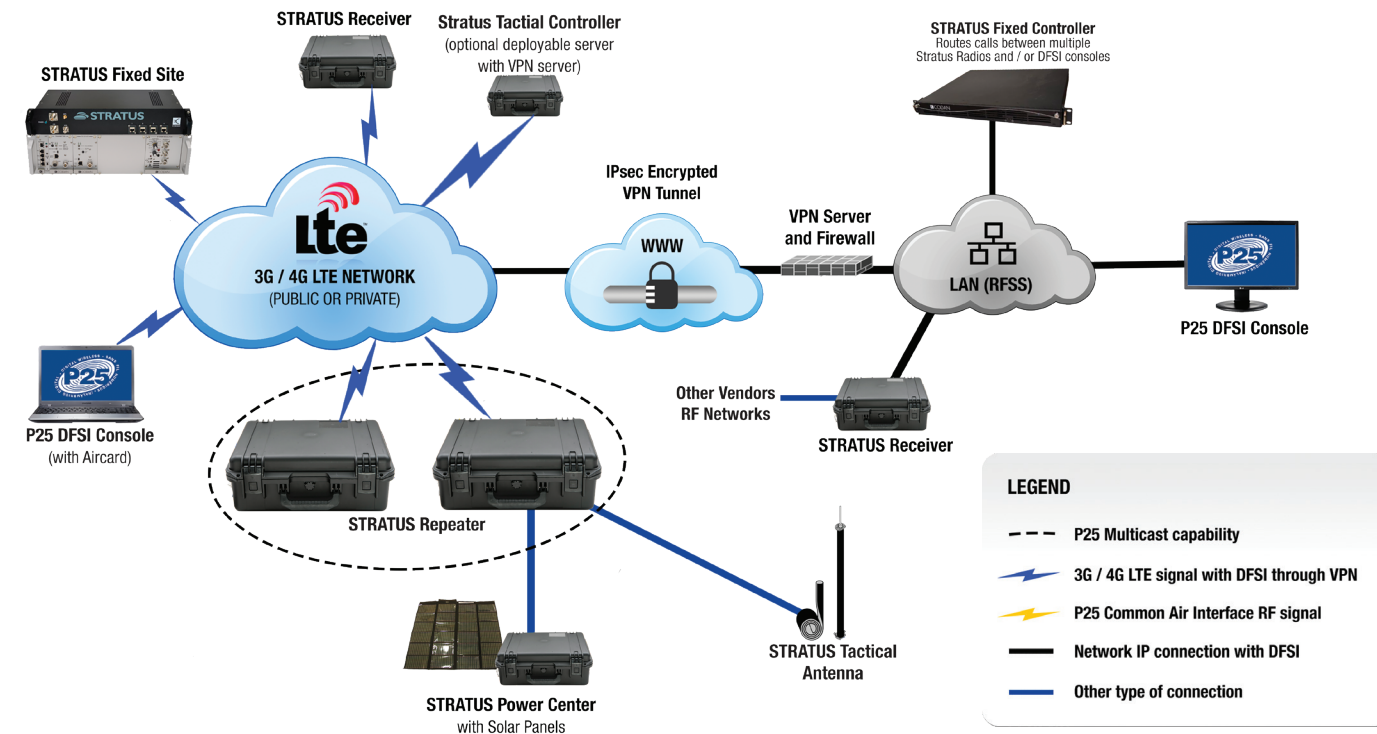


# TECHNOLOGY COMPARISON

	CODAN STRATUS	MOTOROLA APX 7000L HANDHELD	MOTOROLA/HARRIS/TAIT GATEWAY
USES LTE AND P25	✓		
OPERATES ON ALL PUBLIC CELLULAR NETWORKS	✓	✗	✗
FALLS BACK TO 3G MODE	✓	✗	✗
VOICE COMMUNICATION 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 LMR COVERAGE AREAS	✓	✗	✗
QUICK DEPLOYMENT ANYWHERE, ANYTIME	✓	✗	✗

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

## STRATUS NETWORK



# THE CODAN COMMUNICATIONS PROCESS

Solving challenging requirements is what we do best



## ASSESS

Our technical consultants will conduct a detailed on-the-ground assessment of:

- System Requirements
- Operational environment
- Opportunities and challenges
- Scenario planning



## DESIGN

Our field service team will then design a custom solution for those challenges, using the right hardware and software from Codan or one of our technology partners.



## DEPLOY

Our specialist logistics team gets the hardware and the resources to wherever you are, getting your system up and running fast.



## TRAIN

We'll train operators and communications staff on how to use the system – which will be a short process, thanks to our easy-to-use interfaces and interoperability.



## SUPPORT

We're available to be deployed within 24 hours for any support required. And we're always on hand for any advice you require.

 **STRATUS**  
THE BEST OF BOTH WORLDS



 **CODAN COMMUNICATIONS** | **BE HEARD**

CODANCOMMS.COM

CONTACT US

codancomms.com  
LMRsales@codancomms.com

US: +1 571 919 6432  
Canada: +1 250 382 8268

Australia: +61 8 8305 0311  
UAE: +971 44 53 7201

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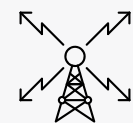


**CHALLENGING REQUIREMENTS?  
NO PROBLEM**

CODAN Stratus™ is the first P25/LTE (FirstNet-ready) 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 Fixed Site solution or a rugged tactical Repeater. 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. 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, the Stratus server and P25 DFSI consoles ensuring your teams are connected and up to date.



**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.



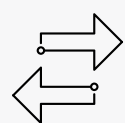
**DOUBLE ENCRYPTION**

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



**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.



**P25 & PROPRIETARY NETWORK INTEGRATION**

The open standard P25 interface enables interoperability with P25 vendor subscribers and integration, including OTAR.

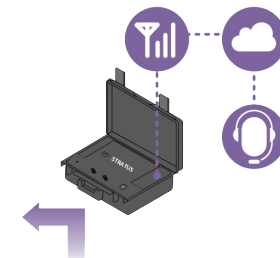


**QUICK DEPLOYMENT**

The Stratus repeater, power center and rapid antenna are optimized for transportability.

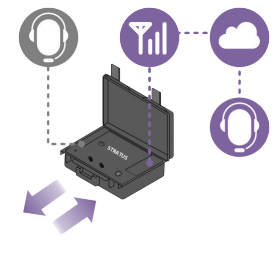
**YOUR CODAN STRATUS SOLUTION**

**CONFIGURATIONS**



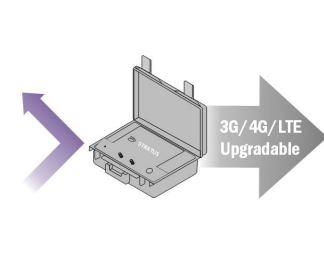
**REPEATER**

Instantly expand local tactical coverage with the deployment of a 30W Stratus repeater. Cellular backhaul allows for situational monitoring from a remote DFSI console virtually anywhere in the world.



**BASE STATION**

Setup a tactical command with the deployment of a 30W Stratus base station. Console can be located on-site or virtually anywhere in the world via secure VPN gateway.

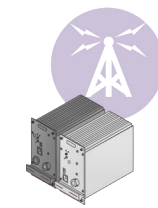


**LITE REPEATER**

Benefit from the repeater functionality of the Stratus today, with an upgrade path to LTE connectivity tomorrow.

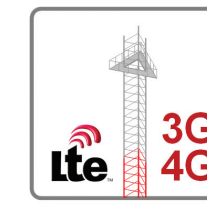


**INTERNAL COMPONENTS**



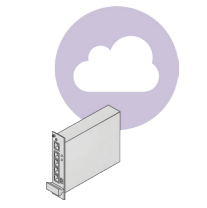
**MT-4E SERIES TRANSCEIVER MODULES**

The Stratus product is based on our legendary MT-4E RF modules, delivering true infrastructure grade reliability and performance in a transportable case.



**3G/4G LTE/FIRSTNET MODEM**

The Stratus offers an integrated commercial or public safety cellular modem, with options for most major carriers.



**UIC CONTROL INTERFACE**

Our IP Interface control card is at the heart of every Stratus transportable, providing P25 Digital Fixed Station Interface (DFSI) connectivity between consoles and/or network controllers and the repeater/base.

**ACCESSORIES**



**RAPID ANTENNA**

Compact, lightweight, robust and rapidly deployable antenna transports easily and expands in seconds.



**SOLAR POWER KITS**

Extend the deployment time of your Stratus with a portable solar kit. It comes complete with 60W solar panel, cables, a battery charger and everything you need.



**POWER CENTER**

The Stratus power center is comprised of a transportable 35 A/hr battery and optional 110/220 VAC power supply in a rugged polypropylene transportable case.



**QUICK SWAP DUPLEXERS**

The Stratus transportable allows for the quick swapping of tactical duplexers for multi-channel operation on a single antenna. Optional polypropylene tactical case for transporting up to three duplexers.



**STRATUS RECEIVER**

Smaller, receive-only case that accommodates either a cellular modem or a RIC-M V.24 conversion module; ideal for deploying tactical, on-the-fly receiver voting networks.



**STRATUS FIXED CONTROLLER**

Using Codan's innovated Digital Link Controller (DLC) technology, the Stratus fixed site controller connects multiple LMR networks together using the P25 Digital Fixed Station Interface (DFSI) protocol.



**STRATUS TACTICAL CONTROLLER**

The Stratus DLC allows for independent and connected rapidly deployable LMR networks.



**STRATUS FIXED SITE**

Add Stratus LTE capability to a 19" rack mounted Codan MT-4E system to provide an innovative backhaul alternative to leased lines or T1 at your fixed radio site.

**RELATED PRODUCTS**

**WARRANTY AND WORLDWIDE SUPPORT**

Codan products are backed by an extensive distribution and support network, and include a three-year extendable warranty.