



Quickly Deployable Private LTE Networks



Secure, reliable networks are critical to successful government and commercial operations around the world. Whether your operations exist in a remote location or your existing communications infrastructure has been compromised by a natural disaster, terrorist attack, or armed conflict, CACI's NetGo ensures the connectivity and security of your cellular network won't be interrupted.

A quickly deployable and completely private cellular network system, NetGo's long-term evolution (LTE) "network in a box" enables secure, high-bandwidth communications anytime, anywhere – regardless of the state of existing telecommunications infrastructure. NetGo is a man-portable system, and can be set up in minutes with minimal training. By simply switching a subscriber identity module (SIM) card on any modern mobile device for an NetGo SIM card, our system provides a fully controllable network that can reach up to a kilometer away.

To purchase or for more information please contact:

James Clark
james.clark@caci.com
(303) 920-6489

For more information about our expertise and technology visit: www.caci.com

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Key Features

- Simplified LTE configuration: network identifiers, band, channels, and other features
- Simplified SIM card provisioning
- Customized network accessibility
- Customized network range
- Automated channel selection
- Hosted custom services: Voice over LTE, SMS, video teleconferencing, Android Team Awareness Kit (ATAK), Asterisk, and others

Benefits

- Rapidly deployable and completely private cellular network system functions in the most austere environments regardless of communications infrastructure
- NetGo's ready-made, private LTE network can be set up in minutes
- The system's compact and simple-to-use interface eliminates the need for extensive cellular expertise



A 310 x 310 x 101 mm NetGo enclosure

Approved as General Capabilities Information, this material consists of CACI International Inc general capabilities information that does not contain controlled technical data as defined within the International Traffic in Arms (ITAR) Part 120.10 or Export Administration Regulations (EAR) Part 734.7-10. (10/9/2020)

Control Your Own Cellular Network with NetGo

CACI's portable NetGo cellular communication system eliminates the need for extensive cellular expertise for setup and administration of a network. A simplified LTE configuration and NetGo SIM card provisioning means that a secure network can be configured in very little time through an easy-to-use, on-device portal. Simply connect a laptop to the Ethernet port on the NetGo box, and the user is guided through a secure system configuration process that includes SIM card programming.

The NetGo administrator can decide both the size of the network range and who can register on it. NetGo's sensors will automatically listen to the surrounding RF environment and choose the quietest channel for optimized operations.

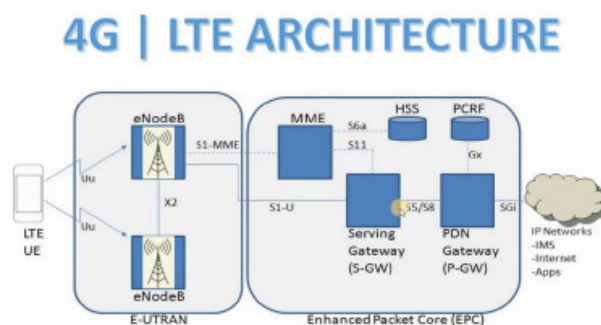
NetGo features a complete LTE network inside of a 310 x 310 x 101 mm environmentally-certified enclosure, with numerous optimized features:

- Two by two multiple input multiple output (MIMO) 3GPP Release 14 eNodeB
- A field-programmable network with six common global LTE frequency division duplex (FDD) bands: LTE Bands 1, 2, 3, 5, 7, and 8
- Transmitter output power of 30 dBm per antenna port (two on each system)
- Maximum bandwidth of 20 MHz, resulting in up to 150 Mbps downlink and 50 Mbps uplink to each of 32 end user devices
- Operating temperature range of 0-45 degrees Celsius in an IP67 enclosure
- 12 volt DC power
- Evolved packet core (EPC), running on a low-power single board computer

NetGo's Consolidated LTE Network-in-a-Box

A full LTE network deployment requires several components and elements, such as an EPC to provide the home subscriber system (HSS), a mobility management entity (MME), a policy and charging rules function (PCRF), a serving gateway (S-GW), and a packet gateway (P-GW).

The diagram below shows how these components in a 4G LTE private network are all consolidated in the compact and portable NetGo network system.



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CACI's approximately 22,000 talented employees are vigilant in providing the unique expertise and distinctive technology that address our customers' greatest enterprise and mission challenges. Our culture of good character, innovation, and excellence drives our success and earns us recognition as a *Fortune* World's Most Admired Company. As a member of the *Fortune* 1000 Largest Companies, the Russell 1000 Index, and the S&P MidCap 400 Index, we consistently deliver strong shareholder value. Visit us at www.caci.com.

Worldwide Headquarters

12021 Sunset Hills Road, Reston, VA 20190
703-841-7800

Visit our website at:

www.caci.com

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