

BGAN Converge enables faster, high-quality data transactions:

- > Interactive video conferencing
- > Video streaming
- > VoIP and VoSIP
- > IPSec
- > HAIPE



Gain Secure and Reliable Throughput Without Sizable Capital Costs

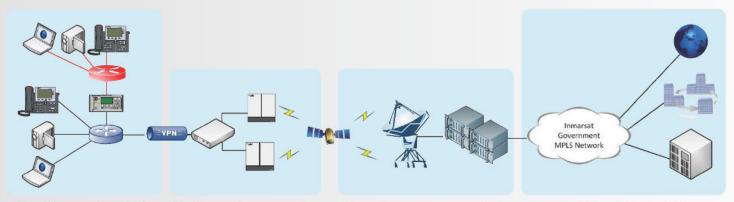
Government organizations rely on Inmarsat BGAN for highly mobile and secure connectivity, supporting mission-critical communications on land. In response to the ever-growing demand for higher data rates, we've developed a cost-effective solution that provides immediate doubling of throughput on existing BGAN terminals.

BGAN Converge from Inmarsat Government is a channel bonding application that provides reliable, increased data rates to existing government users operating over the Inmarsat-4 (I-4) satellite network. As a turnkey alternative to VSAT, BGAN Converge dramatically enhances throughput while maintaining BGAN core characteristics of reliability, security, scalability and global coverage, all without a network overhaul.

BGAN Converge enables pure bonding of two satellite channels and is easily provisioned for BGAN land terminals, which makes it an ideal mobile solution for secure, high-speed live video. VoIP and file transmissions.



BGAN Converge Technical Overview



- All Local Area network applications are terminated to a single VPN router.
 The Converge System accepts the incoming UDP stream from the VPI
- The WAN output of the router connects directly to the input of the Converge System.
- The Converge System accepts the incoming UDP stream from the VPN router and separates the traffic into two equal data streams.
- Each data stream is then sent to its corresponding BGAN terminal.
- The two data streams are recombined by the Converge hub servers at the Inmarsat SAS.
- A single data stream is sent to the Inmarsat Government MPLS network through Private Leased lines.
- Converge traffic from the Inmarsat SAS goes to the Inmarsat Government private MPLS network.
- Access to the internet is granted from the Inmarsat Government POPs or Users can extend private circuits into their local network infrastructure from the Inmarsat Government network.

Additional Benefits Include:

- Highly portable transports anywhere, quickly
- > Technically optimal minimizes jitter and network latency
- Easily deployable uses customers' existing capital investment and equipment
- Worldwide coverage streams
 On Demand

Integrated into the Inmarsat Satellite Access Station (SAS), it provides high availability with no interference/contention with other network components. A true end-to-end solution, **BGAN Converge** operates on multiple enduser platforms and is available exclusively over the Inmarsat Government Network as a managed service.

BGAN Converge offers a seamless transition path to Inmarsat's game-changing Ka-band solution, Global Xpress®, without an impact to fixed side networks



To learn more about our BGAN Converge, visit inmarsatgov.com, email us at info@inmarsatgov.com or call 1-866-734-6842.

About Inmarsat Government

Inmarsat Government, a wholly owned subsidiary of Inmarsat plc, is a leading provider of secure, reliable and affordable mission-critical telecommunications to U.S. military and civilian organizations. Equipped with the industry's leading terrestrial and satellite infrastructure and partners, it delivers custom, end-to-end networks and solutions that can sustain communications anytime, anywhere. Inmarsat Government is headquartered in Herndon, VA, with network assets and operations around the globe. To learn more, please visit inmarsatgov.com.