



BGAN for Government First Responders from Stratos - First on the Scene. Anytime. Anywhere.

Our BGAN communications solution for first responders offers emergency response teams higher bandwidth terminals that can be rapidly deployed to anywhere – even the most remote parts of the world. BGAN solutions can be easily used by even the most non-technical staff.

BGAN Applications/Usage Scenarios for Emergency Response Market

Police Departments:

- Quickly access public data records from remote field locations. Access to multi-county or state records system for vital criminal, traffic and other background information
- Activate query systems such as DMV, National Crime Information Center (NCIC), records management systems, GIS, mug shots and other pertinent records systems and data sources
- Prepare routine reports in the field without having to leave assigned patrol area
- Access departmental intranet, e-mail and the Internet to communicate with department personnel, citizens, as well as community and government agency partners
- Send automatic video and/or still image feeds of arrests as assurance against potential legal liability

Fire Departments:

- Up-to-the-minute fire mapping and logistics support: real-time communications between command centers, field personnel and equipment such as helicopters, vehicles and heavy equipment
- Incident Commanders and Fire Behavior Specialists can access online weather sites containing such tools as near real-time satellite imagery, 500 millibar charts and long-range forecasting models
- E-mail with digital photo attachments can be used to keep senior managers regularly updated on daily fire activities
- Access to the latest property information including current status of on-site hazardous materials, and other up-to-date information that is critical to the safety of fire-fighting personnel and the public
- Ability to complete incident reports from the vehicle

State and Federal Departments of Emergency Management:

- Instant access to National Incident Management System (NIMS) – This system provides a comprehensive national approach to incident management, applicable at all jurisdictional levels and across functional disciplines for federal, state and local governments to work effectively and efficiently together to prepare for, respond to, and recover from domestic incidents
- Instant access to Emergency Medical Dispatch (EMD): rapidly and accurately identify the medical problem, prioritize tier II EMS response, and provide pertinent information to responding personnel. Communications specialist can accurately document events of the incident and assist the incident commander with field communications



BEYOND THE HORIZON®

BGAN Key Benefits for First Responders:

- Highly portable: Weighs as little as 1.0 kg
- Global Coverage:
 - Communications availability no matter how remote the incident location
 - Deploy the same communications system to any location
- Broadband data: Up to 492 Kbps with ability for simultaneous voice
- Reduced dependency and congestion on voice systems:
 - Eliminate nearly all the opportunities for voice errors
 - Reduce need for conversations with dispatcher. The driver can simply board their vehicle and all information will be accessible including call info, directions, maps, and other relevant details
- Improved communications security:
 - Communicate with encrypted data for an added layer of security
- Maintain contact with supervisors and other personnel without tying up valuable voice radio airtime
- Ensure mission-critical reliability
 - Uninterrupted coverage no matter how remote
 - No need to rely on public network access and radio towers as these may be affected in the disaster area
 - Put control into the hands of the emergency management teams
- Improve Responsiveness: Streamlines dispatch communications
- Easy to use: Quick to set up and shut down with no technical expertise required
- Competitively priced: Pay per use billing and significantly lower costs for both terminals and airtime

Equipment Features

- Lightweight: from 1.0 – 2.2 kg
- Small size: 210 x 140 mm to 365 x 275 mm
- Manufacturers include: Nera, Thrane & Thrane; Hughes Network Systems (HNS)
- IP Data: 384/240 Kbps to 492/492 Kbps
- Circuit Switched Data: 64 Kbps ISDN (available on HNS terminals)
- Interfaces: USB, RJ11 (Voice), Bluetooth (Voice), Ethernet, WiFi
- Additional features: Caller ID & Phonebook, Call barring, Conference calling, Closed user groups, Call hold, waiting, Call divert

The Stratos Advantage

StratosNexus™: A fully IP-based system that will support a full range of advanced value-added services – such as prepaid calling, personal firewalls, satellite optimized data compression, and online usage monitoring, among others. Many of these services are available to BGAN users exclusively through Stratos.

Terrestrial Delivery Options: BGAN from Stratos leverages our extensive global Internet points-of-presence and enhanced terrestrial core network to ensure speedy deliver of your data traffic once it hits the ground. Customers even have access to dedicated point-to-point leased line and ISDN connections to provide a reliable and efficient last-mile solution to bring mobile satellite traffic from the field to your headquarters office in the most reliable and secure manner.

Stratos SecureComms: Stratos SecureComms is the most complete and flexible secure Voice over IP (VoIP) solution for the government market. Providing high quality, low bandwidth, clear and secure

voice over true VoIP standards, the state-of-the-art SecureComms service supports both IP networks and traditional TDM/serial data networks, allowing for the seamless integration of VoIP with legacy voice infrastructures.

Stratos Dashboard™: To monitor and control costs, our extensive online BGAN customer care Dashboard provides real-time information on the amount of traffic used for voice and data, and the associated costs.

Stratos Trench™ (Customer Managed Firewall): Trench is a personal firewall between the Internet and the BGAN network. Web traffic and applications can be authorised or blocked via a user friendly online interface.

24x7 Customer Support: Stratos provides a single point-of-contact for all of our initial and ongoing service requirements. Our skilled customer service professionals are on call around the clock to assist you with any aspect of your BGAN, including installation, hardware, software, networking, and billing issues.

About Stratos

Stratos is the world's trusted leader for vital communications. With more than a century of service, Stratos offers the most powerful and extensive portfolio of remote communications solutions including mobile and fixed satellite and microwave services. More than 20,000 customers use Stratos products and industry-leading value-added services to optimize communications performance. Stratos serves U.S. and international government, military, first responder, NGO, oil and gas, industrial, maritime, aeronautical, enterprise, and media users on seven continents and across the world's oceans. For more information visit www.stratosglobal.com.

For more information please contact Stratos:

Toll Free (North America): 1 800 563 2255

Worldwide: +1 709 748 4226

TTY: +1 709 748 4884

Fax (Worldwide): +1 709 748 4320

E-mail: info@stratosglobal.com

Website: www.stratosglobal.com



Locations **Australia** Darwin, Morayfield, Perth, Sydney **Brazil** Niterói **Canada** Ottawa ON, St. John's NL **Equatorial Guinea** Malabo **Germany** Hameln **Hong Kong** Hong Kong **India** Mumbai **Italy** La Spezia **Japan** Tokyo **Kenya** Nairobi **The Netherlands** Burum, The Hague **New Zealand** Auckland **Norway** Lysaker **Russia** Moscow **Singapore** Singapore **South Africa** Cape Town **Spain** Madrid **UAE** Dubai **United Kingdom** London, Aberdeen **United States** Bethesda MD, Englewood CO, Houston TX, Lafayette LA, New Orleans LA, New York NY, Plantation FL, Seattle WA