

## Mobility Communications Solutions

DELIVERING ON THE PROMISE OF "ANY TIME, ANY PLACE"



**INTELSAT**  
General Corporation

# KEEPING YOU CONNECTED

Whether on land, at sea or in the air, Intelsat General Mobility Solutions deliver on the promise of any time, any place communications. Built to meet your most demanding real-time information challenges, our Mobility Solutions provide always-on broadband access for video, data, voice and Internet access. Designed specifically for aircraft, motor vehicles and vessels, these solutions bring high-speed connectivity to any moving platform, manned or unmanned.

As the prime contractor for the U.S. Navy's Commercial Broadband Satellite Program (CBSP), Intelsat General is working with more than a dozen service providers to deliver worldwide commercial telecommunications services to the Navy's fleet of ships.

The services will include C-, Ku- and X-band satellite connectivity, teleport uplinks and downlinks, fiber connectivity for terrestrial backhaul, and bandwidth management services.





## SATCOM

# ON THE MOVE



At Intelsat General, we build mobility solutions that meet your organization's unique real-time communication needs and challenges, from narrow (MSS) to broadband (FSS) connectivity to rapid response and situational

awareness. And because we operate our own satellites and network assets, we have the ability to repoint and relocate satellites to provide the coverage you need: any time, any place, under any conditions.



### LAND & SEA SOLUTIONS

- » Always-on broadband access
- » High-speed connectivity using 60cm maritime antennas
- » Secure/encrypted connectivity to private/government LANs
- » Fixed-monthly service charges ("All-you-can-drink")
- » Supports a variety of IP services for video, data, voice and Internet/Intranet applications
- » Support for Manpack terminals
- » Asset Tracking
- » Wireless Extensions



### AIR SOLUTIONS

- » Manned and unmanned aerial vehicle (UAV) support for high-data-rate communications and Command and Control for ISR applications
- » Unique wideband channelization supports simultaneous UAV missions
- » Offers high data rates using sub-1 meter antennas
- » Supports littoral water operations extending more than 300 nautical miles out to sea
- » Ideal for Homeland Security/ Emergency Response/Disaster Recovery
- » Continuity of Operations support



### MOBILE SATELLITE SERVICES

- » One of the largest providers of Inmarsat's Mobile Satellite Services (MSS), including BGAN
- » Leading provider of MSS services through Inmarsat, Iridium and Thuraya
- » Low monthly fee for guaranteed access to bandwidth
- » Activation of bandwidth at standard rates whenever needed
- » High-speed – up to 496 kbps – symmetrically if required
- » Optional dedicated backhaul circuits for BGAN-based networks
- » Global coverage – land and sea

## Multiple Platforms with Shared and Private Network Services

Our Mobility Solutions leverage X-band, Ku-band, Inmarsat BGAN, UHF, Hughes HX, iDirect and ComtechEFData (Vipersat) technologies among others. Available service options include Private Mobility Networks tailored to your specific needs within the limitations of the remote site antennas, and lower-cost Shared Services offerings supporting data rates up to 2048 kbps to a vehicle/vessel and up to 512 kbps outbound from the

moving platform. The AES encryption built in to all of our hub technologies ensures secure communications and each of our Mobility Solutions supports Quality of Service (QoS) for voice applications – another example of our defense-in-depth approach to network design. And we provision standardized terminals compatible with our space segment to optimize trade-offs between available space and terrestrial solutions.

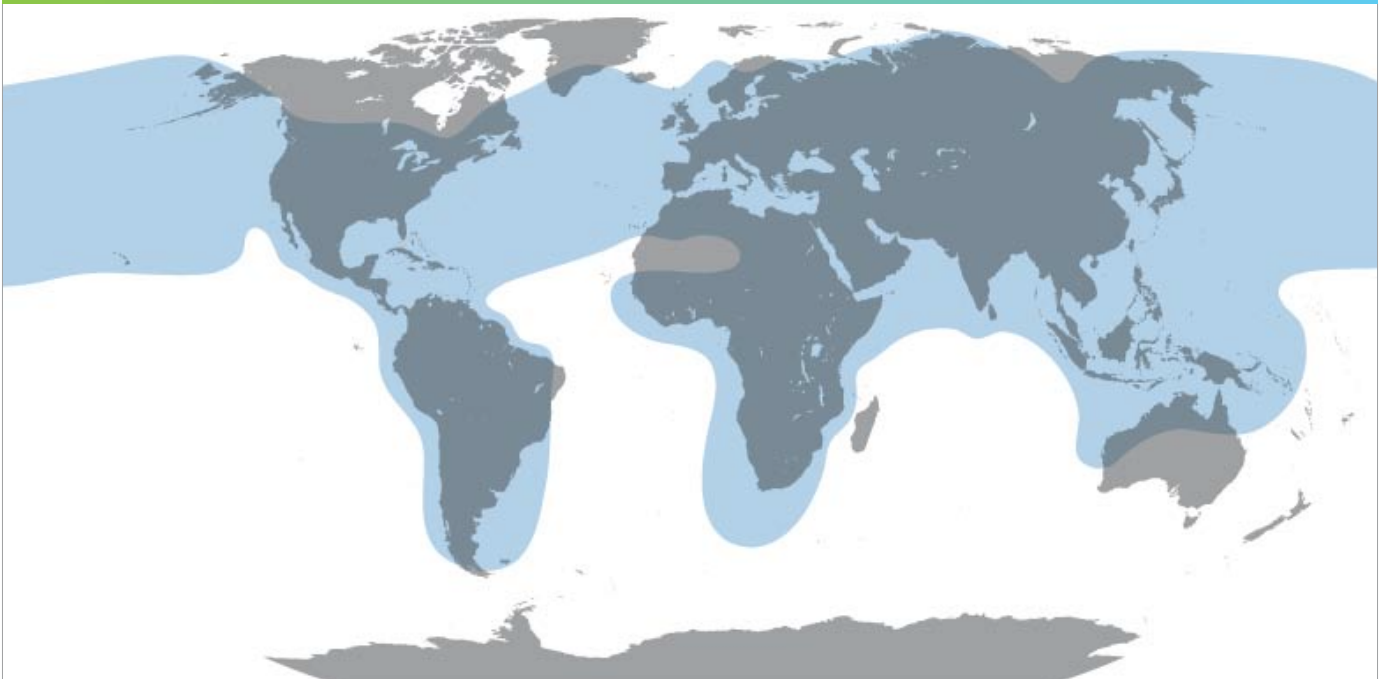
**STAY CONNECTED** To learn more about our Mobility Communication Solutions, visit [www.intelsatgeneral.com](http://www.intelsatgeneral.com) or contact us at [salesinquiries@intelsatgeneral.com](mailto:salesinquiries@intelsatgeneral.com) or 301-571-1210.

## Delivering on the Promise of Any Time, Any Place

Unmatched industry performance and experience. Deep engineering and security expertise. Industry-leading innovation. And the world's largest combined satellite and terrestrial footprint.

It's easy to see why a growing number of government, defense and commercial organizations turn to Intelsat General for customized Mobility Communication Solutions... solutions that keep them connected to their people, their programs and their vital resources, any time, any place, under any conditions.

### INTELSAT GLOBAL KU-BAND MOBILITY BEAMS





## About Intelsat General

Headquartered in Bethesda, MD, Intelsat General Corporation provides leading-edge communications solutions to commercial customers, the U.S. government and military, and NATO members through fixed and mobile satellite systems and associated terrestrial communications services. Intelsat General incorporates flexible and robust ground and space infrastructure and technical expertise to deliver reliable, quickly deployable and secure network solutions anywhere around the globe. Intelsat General is an indirect, wholly-owned subsidiary of Intelsat, SA.



**INTELSAT.**  
General Corporation

Intelsat General Corporation  
6550 Rock Spring Drive, Suite 450  
Bethesda, MD 20817 USA

Phone: (301) 571-1210

[www.intelsatgeneral.com](http://www.intelsatgeneral.com)

© 2010 INTELSAT GENERAL CORPORATION

### **SCHEDULE 70:**

Effective July 14, 2008: GS-35F-0478U

**GSA SATCOM II Contract #GS00T07NSD0023**

**NATO BOA** No. NC3A 11407

Fully operational facility using

**CAGE Code 3DZM0**