INTELSAT®
General

Global Satellite Communications For The World's Militaries

High-performance satellite connectivity for your mission critical applications

Secure, broadband satellite-based solutions for your mission-critical communications

Government and defence operations in the information age operate in an environment of dynamic coalitions, complex interoperability and security needs, where access to processed and interpreted data is a force multiplier.

The key to successful options is a short time from data to knowledge and then access to deployed assets through resilient communications systems.

Satellite communications support rapid decision making, interoperability via the terrestrial network, big data sharing, ISR, C2 battle management and personnel welfare.

Intelsat General provides broadband mobile communications everywhere at speeds that dwarf legacy narrowband solutions. We support the full range of mobile communications, including manned and unmanned mission-critical Intelligence, Surveillance and Reconnaissance (ISR) applications.

Whether maneuvering on land, sea or air, our C-, Ku-, X-band and UHF mobility solutions provide capacity, coverage and connectivity for converged voice, data and video applications. Customers can maintain complete situational awareness through Intelsat General's real-time network visibility tool.

Features

Intelsat's Globalized Network has a proven track record of reliability, security and performance for the most demanding government communications, and the flexibility to keep pace with changing geographic and mission requirements from routine to critical.

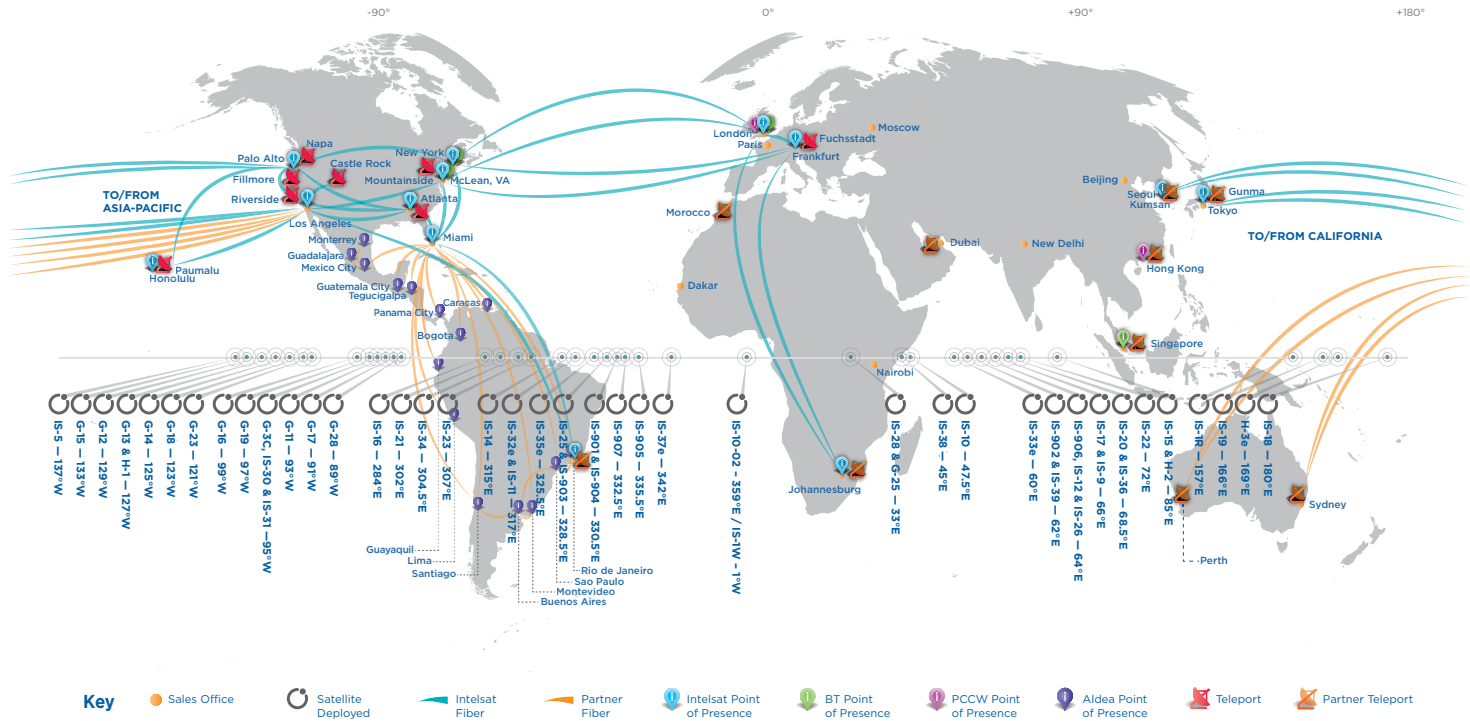**As our customer, you have the ability to:**

- Deploy, monitor and engage across borders, land, sea and air

- Depend on 24/7/365 battle-tested security via the Intelsat Secure Operations Center (ISOC)

- Access and maintain connectivity in even the most remote locations for field operation readiness

- Benefit from truly ubiquitous coverage to conduct any operation, anywhere – without interruption

- Collect/transmit data and video in real time for any initiative

From remote military outposts, disaster recovery sites and embassies to health and homeland security agencies, our solutions enable even the most complex government and commercial applications.
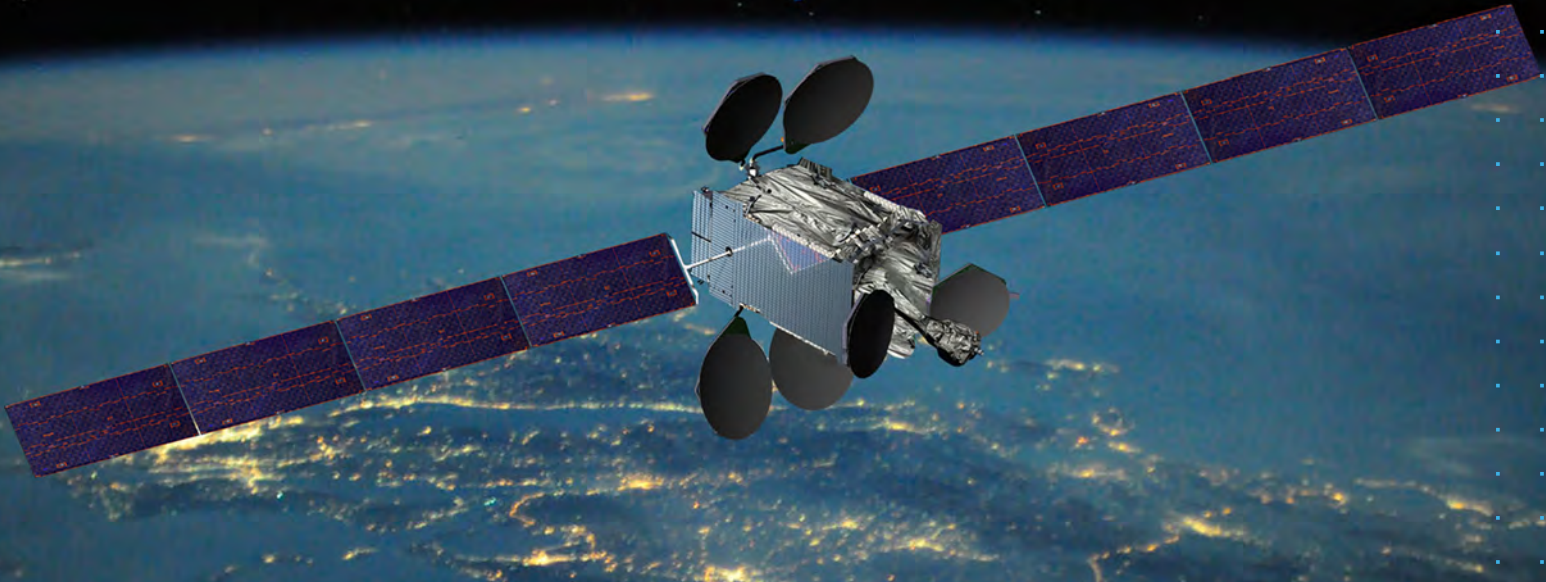
Intelsat Global Network

Key ● Sales Office ○ Satellite Deployed — Intelsat Fiber — Partner Fiber ⓘ Intelsat Point of Presence ⓘ BT Point of Presence ⓘ PCCW Point of Presence ⓘ Aldea Point of Presence ⬛ Teleport ⬛ Partner Teleport

One-of-a-Kind

The Intelsat Globalized Network is the first and only network of its kind, letting anyone connect with anyone else, anywhere on the planet. How do we do it? We bring all these capabilities into a single ecosystem that integrates our:

- **Fleet of more than 50 satellites** plus teleports that provides the world's most extensive and secure communications network.

- **Intelsat Epic next-generation satellite technology** that delivers the high-performance connectivity required by today's demanding applications.

- **IntelsatOne® terrestrial network** that operates seamlessly with our satellite technology to support hybrid satellite and fiber connectivity, with access to multiple platforms and teleports.

- **Managed services** that simplify satellite-based communications and deliver the flexibility and support to meet changing customer requirements.

- **Strategic partnerships** with technology leaders to support each of our market segments.

Benefit from truly ubiquitous coverage
to conduct any operation, anywhere –
without interruption

New Technology

The Intelsat Epic high-performance platform is an innovative approach to satellite and nework architecture utilizing C- and Ku-bands, wide beams, spot beams, and frequency-reuse technology to deliver more throughput per unit of spectrum. Designed as a complementary overlay to the Intelsat satellite network, Intelsat Epic is fully integrated with Intelsat's existing satellite fleet and global IntelsatOne terrestrial network.

Intelsat Epic is based on an open architecture and is engineered for backward compatibility, allowing our customers to realize high-throughput performance utilizing their existing hardware and network infrastructure. At the same time, increased control means you can offer your end users customized, differentiated solutions by defining network topology, hardware and service characteristics.

Benefits:

- High performance and lower cost per-bit to customers

- Wide beams and spot beams in the same band for broadcast and high-throughput

- C- and Ku-band frequencies aligned to region and application-specific requirements

- Open architecture

- Backward compatibility; use of existing network infrastructure and customer-preferred network topology for lower total cost

- Forward compatible as ground technology advances

- High throughput, efficiency and reliability enables smaller, mobility-friendly terminals as small as 18cm

- Inherent protection from interference, jamming and other forms of information warfare

Security

Intelsat General understands that our customers' mission-critical applications often require the highest levels of information assurance and cyber-security, which is why we ensure our communications solutions incorporate the most secure and reliable protection available today and meet stringent U.S. DoD specifications in the DoDI 8500 series as well as international security measures.

- A resilient distributed SATCOM architecture and access to the latest technology keeps your mission critical information secure.

- We are the only satellite operator with SOC 3 third-party accreditation.

- Ultra-high availability and multi-layer redundancy provides the ability to move and stay connected anywhere in the world, without sacrificing the quality of communication.

The Intelsat General Secure Operations Center (ISOC) provides around-the-clock coverage for mission-critical support of its commercial, government and military customers. Through the ISOC, our highly- trained satellite network engineers and technicians provide superior expertise to our customers and their end-users. We employ former government and military personnel, leveraging their unique expertise to maintain Service Level Agreements with our customers.

We Provide:

- Around-the-clock monitoring and proactive security in the Intelsat Secure Operations Center (ISOC), one of the world's most secure network operations facilities

- Defense-in-depth design and delivery from proven information assurance experts

- Operations support at each teleport with around-the-clock Help Desk support

- Emergency response teams, back-up operations plans, and post-disaster recovery plans for continuity and security of services

- Established systems, processes and procedures to ensure customer anonymity and force protection

Mobility Solutions

Highly secure and reliable broadband connectivity provides always-on broadband access for airborne, maritime, man-pack and land-mobile applications serving enroute, ISR, situational awareness and remote operations.

Intelsat Flex|Move
Broadband connectivity for connected mobility and portable connectivity

Communications-on-the-Move (COTM) and Communications-on-the-Pause (COTP) communications are essential for situational awareness, multi-domain theater access, operational theater back-haul, and Command, Control, Computers, Communications, Cyber, ISR (C5ISR). These technologies help expeditionary forces and humanitarian aid providers with immediate access to reliable communications linking advance teams to information and services essential for their mission.

FlexMove provides:

- **Date rates up to 20x higher** than legacy MSS solutions at a fraction of the cost
- **Layered reliable connectivity** that reaches the most remote and hostile locations
- **Secure, redundant and survivable network** for mission-critical applications
- **Flexible service plans** sold by the gigabyte and based on Mbps bandwidth requirements
- **Enables a network of networks** through seamless integration with existing terrestrial wireless networks
- **Portfolio of certified, easy-to-use COTM and COTP terminals** designed for rapid deployment

Intelsat Flex|Air
Global in-flight connectivity service designed for aircraft with high-performance requirements

FlexAir provides flexibility, reliability and scalability and up to 10 times the data through-put of other managed networks. As the most competitive offering in the marketplace, FlexAir delivers the highest data rates at the lowest cost per bit.

The service also enables government users to select among several service offerings, allowing them to choose the right plan based on their data rate and geographic needs without having to make an upfront commitment. With multi-layered, seamless, and consistent coverage, government users have the agility to optimize their service, provide a predictable cost structure that meets budget requirements, and deliver real value to Warfighters.

FlexAir provides:

- **Global Coverage** – a global Ku-band satellite network built around the latest HTS technology
- **A Range of Antennas** – compatibility with multiple fuselage and tail mount antennas
- **Flexible Service Options** – multiple service offerings adapted to different applications and requirements
- **An Ecosystem of Partners** – network operations by IGC with end-user care by solutions partners who provide value-added applications and technical expertise

Intelsat General Communications (IGC) is a wholly owned subsidiary of Intelsat, the foundational architects of satellite technology. IGC provides government customers with mission-critical mobility communications solutions that include managed services with flexible pricing plans. From remote military outposts and disaster-recovery sites to U.S. embassies and homeland-security agencies, IGC solutions support and enable some of the most complex government applications. As the only commercial satellite operator with an independent third-party Service Organization Control (SOC 3) cybersecurity accreditation, Intelsat is uniquely positioned to help its government customers build a secure, connected future.

Imagine Here, with us, at www.Intelsatgeneral.com

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