INMARSAT GX
FOR GOVERNMENT/DEFENSE

The First Global Ka-band Network.

The New Standard in Mobile Satellite Communications

As a long-trusted partner of the U.S. government sector, we know it’s not about satellites, switches and terminals. It’s about worldwide coverage, reliability and the ability to redeploy easily anywhere, anytime. And - not least of all - it’s about cost.

That’s why Inmarsat designed Global Xpress as a seamless, affordable, wideband service. Built on a flexible platform, and using a new constellation of Inmarsat Ka-band satellites, it will sustain your flow of secure, high-performance communications—with assured access even in remote and distressed locations.

You’ve always faced trade-offs: Coverage for bandwidth. Speed and reach for cost. Flexibility for security. That has now changed—Global Xpress isn’t so much a new service as a new way to think about wideband connectivity – everywhere!

Global Xpress brings you mobile, high-throughput capacity enterprise wideband with enhanced security and true worldwide reach—aﬀordably. And adding to that affordability, you can transition to or integrate Global Xpress as a seamless refresh of your legacy platforms.

Behind Global Xpress lie the new Inmarsat-5 satellite constellation and robust terrestrial network with deployable user terminals. It’s a platform that will adapt to the demands of evolving, mobile operations like yours—for years to come.

Built with Government Users in Mind

Global Xpress is the only worldwide commercial satellite network that’s interoperable with MILSATCOM Ka-band networks. Built purposely with government users in mind, our worldwide service seamlessly complements the Wideband Global SATCOM (WGS) network allowing the U.S. government to cost-effectively augment its system when needed, without any up-front commitment. Our High Capacity Military (HCM) capability makes it easy for the military to supplement their satellite capacity for training, en route communications and mission support, using existing WGS-certified terminals.

The Global Xpress network baseline supports government systems accreditable to U.S. Mission Assurance Category (MAC) level III, with secure gateways and satellite commanding. Global Xpress secure enclave supports enhanced security solutions up to MAC level I, separating government and commercial traffic. We employ a dedicated cyber security team, land and route our traffic only through allied countries and data and signaling are encrypted to the highest standards.
Inmarsat is the gold standard for safety services — we have been operating the most reliable commercial mobile satellite communication network for over 35 years, and quality of service is fundamental to our business. When Global Xpress is complemented in a hybrid offering by our L-band services on the Inmarsat-4s, which deliver over 99.9% network availability, the combined capability offers a unique blend of high throughput as well as the industry’s highest all-weather availability. Inmarsat offers the only network that combines the best mobility technologies in Ka-band and L-band, and underpins them with a global, fully redundant ground infrastructure.

**Inmarsat Reliability**

Inmarsat is the gold standard for safety services – we have been operating the most reliable commercial mobile satellite communication network for over 35 years, and quality of service is fundamental to our business. When Global Xpress is complemented in a hybrid offering by our L-band services on the Inmarsat-4s, which deliver over 99.9% network availability, the combined capability offers a unique blend of high throughput as well as the industry’s highest all-weather availability. Inmarsat offers the only network that combines the best mobility technologies in Ka-band and L-band, and underpins them with a global, fully redundant ground infrastructure.

**Affordable**

Global Xpress is a cost-effective approach to wideband. It enables access to high-performance Ka-bandwidth through less-expensive compact terminals at a lower cost than existing VSAT service. And because we custom fit a communication solution for you, you’re not buying more capability than you need.

**Wide Range of Compact Terminals**

Global Xpress delivers wideband data rates through compact and affordable terminals. A broad portfolio of terminals is available from industry-leading manufacturers for expeditionary, aero and maritime environments in both commercial and military form factors.

**Seamless Global Mobility**

Wherever the next mission arises, Global Xpress has you covered with a network that’s owned and managed 24/7/365 solely by Inmarsat, the U.S. government’s number one provider of mobile satellite services. Purposely designed for mobility, Global Xpress will provide a continuous, consistent service as traffic is handed seamlessly across each spot beam. Full worldwide coverage is expected to take place in the second half of 2015.

**Consistent Higher Performance**

Because Global Xpress users are always near the peak of one of our worldwide beams, Global Xpress delivers consistently higher performance than any other solution in the market. And when there are surges in demand, Global Xpress can direct its spot beams to provide more local bandwidth than any other commercial satellite system. Global Xpress provides a high quality of service that is guaranteed to support the most critical government missions today and in the future.

**Interoperable with MILSATCOM**

Focused feeder links to trusted, redundant gateways for resilient global access.

**Contact Information**

sales@networkinv.com

**Worldwide Offices**

**Americas**
- Calgary, AB, Canada
- Fort Lauderdale, FL, USA

**Europe**
- The Netherlands
- London, UK

**Middle East/Africa**
- Kabul, Afghanistan
- Djibouti

**Asia/Pacific**
- Singapore
- Australia