Inmarsat Global Xpress
Interoperable with MILSATCOM

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

Inmarsat Satellite Access Station (SAS)
Global MPLS Network
Telco PoP
Inmarsat Meet-Me-Point
GIG
DoD Network
Military Teleport
Inmarsat-5 Global Xpress
MILSATCOM

Government Users

- **Maritime**
  - Steerable antenna resources support squadron movement anywhere in the satellite field of view

- **Comms on the Move (COTM)**
  - Steerable antennas support very high-rate connectivity to compact COTM terminals

- **Forward Operating Base (FOB)**
  - Inmarsat wideband channels provide major trunking or protected capability using existing WGS-certified terminals

- **Airborne**
  - Inmarsat high-performance wideband channels support high-throughput AISR connectivity
Global Xpress Mil-Ka Lease

Enabling augmentation of MILSATCOM anywhere, anytime - the ultimate resilience approach

As the U.S. government seeks to adopt an enterprise-level, integrated COMSATCOM and MILSATCOM architecture to fulfill their requirements and enhance flexibility of operations cost-effectively, users can access Global Xpress wideband capacity with terminals that are fully compatible with MILSATCOM systems, such as Wideband Global SATCOM (WGS).

Highly reliable, worldwide network built to service government users

On the ground, in the air or at sea, U.S. and allied military users can steer their capacity anywhere in the world to seamlessly augment their WGS coverage. They can connect their same WGS-certified SATCOM terminals to the same destined Point of Presence, or through Inmarsat-provided Global Xpress secure enclaves.

Throughput, availability, security and resilience for mission success and fiscal responsibility

Global Xpress high capacity beams operating in the military Ka-band allow NATO and AUSCANZUKUS authorized military users to access complementary steerable wideband capacity as part of their own independent network, in the same frequency band as WGS.

Global Xpress high capacity beams are completely open system architecture, allowing users to integrate any waveform or terrestrial network.

Users have the option to field specific technology and equipment in Global Xpress secure enclave built at Inmarsat’s Satellite Access Station (SAS) locations placed in NATO and Five-Eye nations. Global Xpress secure enclaves and network are able to meet National Institute of Standards and Technology (NIST) 800-53 High Impact category controls, with support from a dedicated cybersecurity team.

Global Xpress is the world’s first global high-throughput wideband network, from a single operator, interoperable with MILSATCOM Ka-band systems

“There is a solid movement towards things that are cross-compatible with Government systems; “flexibility” is the new Acquisition doctrine.”

HTS Capacity Demand, NSR GMSC, 12th Edition

Download the Inmarsat App to experience more. Scan the image above view video content.