



FlexGovSecure

Transmission Security
(TRANSEC) Solution for
Government Applications



Secure Your Government Communications with IntelSat's FlexGovSecure TRANSEC Solution

Safeguarding communication channels for military and government operations is of paramount importance in today's threat environment. Threat actors are constantly poised to eavesdrop, manipulate, or disrupt communications for nefarious purposes. To address this challenge, IntelSat offers a shared service network platform to provide transmission security (TRANSEC) solutions for government applications.

IntelSat's FlexGovSecure supports the National Institute of Standards and Technology (NIST) FIPS 140-3 Security Requirements for Cryptographic Modules*. According to NIST, the security requirements cover areas related to the secure design, implementation, and operation of a cryptographic module.

What is TRANSEC?

TRANSEC plays a crucial role in safeguarding data transmissions against unauthorized access, ensuring information remains confidential and intact during its journey across communication channels.

Primarily utilized in military and government networks, as well as in devices like radar and radio communication equipment, TRANSEC fortifies the protection of data as it traverses through various communication mediums.

TRANSEC Objectives



Low probability of interception (LPI)



Low probability of detection (LPD)



Electronic counter-countermeasures (ECCM)

TRANSEC Features

LPI

Link and Command
Channel Encryption

LPI

Hub/remote Validation – X.509

LPD

Traffic Obfuscation

LPD

Spread Spectrum

ECCM

Spread Spectrum

ECCM

Frequency Hopping

ECCM

Signal Interference Removal

FIPS

140-3 Level 3



Empowering Your Mission

Intelsat's FlexGovSecure supports NIST's FIPS 140-3 Security Requirements for Cryptographic Modules. FIPS 140-3** includes all requirements of FIPS 140-2 and 140-1.

- Cryptographic module specification
- Cryptographic module interfaces and key management
- Roles, services, and authentication
- Software/firmware security
- Physical security
- Non-invasive security
- Sensitive security parameter management
- Self-tests
- Life-cycle assurance
- Mitigation of other attacks

*Certification pending

**Requires use of FIPS certified equipment

Additional Benefits of FlexGovSecure

- Up to 5/3 Mbps MIR (manpacks and ESA*)
- Up to 10/5 Mbps MIR (\geq 80cm terminals)
- Supports various levels of CIR for all terminal types
- Full range of terminals (manpack, COTM/COTP, and fixed VSAT)

FlexGovSecure requires iDirect Evolution defense grade software and hardware. Does not currently support ISR.

*Available in future release

2025 Phased Rollout Plan*

*Dates subject to change

CONUS / 50 State: March 2025

EUCOM / CENTCOM: April 2025

INDOPACOM: August 2025

SOUTHCOM / AFRICOM: October 2025

About Intelsat

Intelsat's global team of professionals is focused on providing seamless and secure, satellite-based communications to government, NGO and commercial customers through the company's next-generation global network and managed services. Bridging the digital divide by operating one of the world's largest and most advanced satellite fleet and connectivity infrastructures, Intelsat enables people and their tools to speak over oceans, see across continents and listen through the skies to communicate, cooperate and coexist. Since its founding six decades ago, the company has been synonymous with satellite-industry "firsts" in service to its customers and the planet. Leaning on a legacy of innovation and focusing on addressing a new generation of challenges, Intelsat team members now have our sights on the "next firsts" in space as we disrupt the field and lead in the digital transformation of the industry.

Contact Sales

gs-salesinquiries@intelsat.com

Support You Can Trust

At Intelsat, all solutions provided to government agencies include a suite of highly secure support services:

- 24/7 support via phone and email
- Secret Level clearances for support personnel
- Dedicated Program Manager
- Robust customer portal providing a suite of metrics

[intelsat.com](https://www.intelsat.com)

