



Commercial Satellite Communications (COMSATCOM) Transponded Capacity

Spacenet Integrated Government Solutions (SIGS), based outside of Washington D.C in McLean, VA, Leverages almost 30 years of experience building and managing satellite networks for Government agencies and Fortune 500 companies. SIGS provides flexible dedicated bandwidth services on communications satellites in any available geographic region and frequency band, including : C-, X-, Ku-, extended Ku-, and Ka-bands through combination of its three CONUS-based owned and operated teleports, which currently support 120,000 locations, and through partner teleports located strategically throughout the world. SIGS provides carrier-grade, interconnected teleport and ISP services with expansion capabilities for RF and baseband equipment; and offers rapid provision of bandwidth services using bandwidth available from multiple satellite operators for redundancy and security. Spacenet also builds teleports for its large customers who want to operate their own networks and provides training, installation and maintenance services for remote nodes.

As required under its SIN 132-54 Transponded Capacity contract SIGS also provides additional services necessary to allow its clients to use the transponded capacity, including: engineering services (e.g., development of link budgets, transmission plans); basic customer training (e.g., acquiring satellite signal, peak and polarization); core management and control of the transponded capacity; and required approvals (e.g., frequency clearances, landing rights). Host Nation Agreements (HNAs) can be priced separately as needed. Special services and capabilities needed to address mission-critical Government requirements related to the areas of: Information Assurance, Delivery Schedule, Portability, Flexibility/Optimization, Network Monitoring (Net OPS), EMI/RFI Identification, Characterization, and Geo-location, and Security are also available.

Spacenet's satellite communication solutions include Information Assurance and Mission Assurance Category III (MAC III) ready services with AES 256 encryption capabilities to augment Spacenet's COTS services to better serve the needs of the military and homeland defense agencies. As required, these services comply with low-impact information system under FIPS 200 described as part of NIST SP 800-53 or MAC III system per current revision of DoDI 8500.2 IA implementation and offer AES 256 encryption with optional FIPS 140-2 support.

Sample International Coverage Areas



 **SIGS**

**SPACENET INTEGRATED
GOVERNMENT SOLUTIONS**

To learn more call
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