PARTNER PROFILE

Enabling Resilient Airborne Connectivity for Mission-critical Operations with Satcom Direct Government

About Satcom Direct

» Satcom Direct (SD) is a leading provider of fully integrated, end-to-end global satellite communications solutions; mobilizing the most cutting-edge technologies to enable connection, wherever.

» SD partners with the world's leading satellite network operators, like Intelsat, to offer an extensive portfolio of business aviation and military/government communications. SD is also a product developer, with their Plane Simple® Antenna Systems, cabin routers, flight deck and flight operations solutions.

» By integrating their own world class infrastructure with a wholly-owned data center and points of presence all inter-connected by a fully redundant private network, SD delivers end-to-end, secure, global connectivity – all backed by award-winning, global support that puts customers front and center.

Customer Challenge

The global data needs of airborne and multi-domain operations are complex and increasingly unpredictable, making it imperative to have secure, reliable connectivity to ensure the safety and success of any mission. For government, global government, or NGO aircraft, limited access to secure, reliable data can have severe consequences when executing mission-critical activities. Military and government aircraft depend on high-performing satellite solutions from providers like Satcom Direct to support enroute communications and intelligence, surveillance, and reconnaissance (ISR) applications.

How We Helped

With Intelsat's FlexAir, a complete end-to-end managed service specifically engineered to support government aviation, Satcom Direct delivers secure, resilient, global in-flight broadband connectivity for airborne operations. SD customers on the FlexAir platform benefit from global, high-throughput spot beam technology that enables data-intensive applications and enhanced anti-jam and interference mitigation for secure and resilient communications.

- SD is an Authorized Master Distributor for Intelsat FlexAir, delivering high performance at a lower cost per bit with support for high definition, full-motion video which makes it ideal for airborne ISR operations as well as command and control links. This is complemented by an ISR-specific service plan with a Committed Information Rate for a geographic focus area.
- Fuselage or tail-mount antenna options are available for flexible deployment of FlexAir, including SD's Plane Simple Ku Antenna System with tail-mount antenna which features only two-line replaceable units (LRUs) to simplify installation and configuration, while providing a seamless and cost-effective upgrade path as satellite technology advances.
- SD's Tactical Removable Airborne Satcom (TRASC) has been developed to provide a multi-functional capability to work with various Ka, Ku, and/or X-band solutions for transmitting voice and data for Roll-On / Roll-Off (RO/RO) C-130 airborne applications. TRASC leverages Intelsat's FlexAir fully managed service for unprecedented and secure SATCOM performance.

"This platform enables global command and control, providing our crew with unparalleled situational awareness. It makes the C-130 much more resilient and capable in the vastness of the Pacific, reinforcing the Air Force's core tenant of distributed control." - Colonel Denny Davies, 19th Airlift Wing and Little Rock commander, on the on the RO/RO Ku-band TRASC."

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"Satcom Direct prides itself on rigorously testing all our equipment before we put it into service. The success of this endurance flight exemplifies the power of our advanced technology and its versatility in delivering new capabilities to our forces. We are proud to add this connectivity solution to our growing military portfolio and look forward to supporting the system as it enters into service."

– Hayden Olson, Head of Satcom Direct Government, on the RO/RO Ku-band TRASC

Results

- Flexible payment plans available to meet your requirements
- Comprehensive, end-to-end security backed by SOC 3 accreditation
- Global multi-layered, multi-beam network supported by 99.999% availability
- Always-on in-flight connectivity with speeds up to 25 Mbps