Delivering Advanced In-flight Connectivity for Business Aviation with Satcom Direct

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 interconnected 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

Today, passengers of private aircraft expect a best-in-class experience when it comes to comfort and safety in the air. This means having access to always-on communications to seamlessly browse the internet, stream and stay in touch with what matters most. Simultaneously, crews rely on connectivity to gather critical flight path data, track security events, and communicate with ground teams to optimize the end-to-end travel journey. Owners and operators of private aircraft depend on cutting-edge satellite solutions from providers like Satcom Direct to meet the connectivity needs of their passengers and crew.

How We Helped

With Intelsat's enterprise-grade FlexExec satellite service, Satcom Direct delivers reliable, secure, high-speed connectivity to support Wi-Fi service onboard business jets. When paired with FlexExec, Satcom Direct's Plane Simple advanced tail mount antenna enables always-on communications in flight — even on high traffic routes — making it possible for passengers to stay connected with life and work on the ground.

- FlexExec is SD's preferred Ku-band satellite solution and comes fully integrated with their Plane Simple Ku Antenna System for best-in-class aircraft communications. The tail mount antenna features only two Line Replaceable Units (LRUs) to simplify installation and configuration, and future upgrades as technology advances.

- Personal devices can be connected for streaming, cloud-based applications, large file downloads and email. Network capacity is dedicated to business aviation to ensure bandwidth is always available, even on high traffic routes.

SD satcom direct®

INTELSAT®

"Until now, high-speed connectivity options were limited by capacity and the expense and time commitment required by invasive installation. This and the complexity of transition pathways have traditionally prevented many owners from moving forward with high-speed broadband installation. With the Plane Simple tail-mounted antenna, all these needs are resolved in one simple step. Installation time was reduced by 4 weeks when compared with other satcom installations, and the team at ACC Columbia Jet Service were impressed by the ease of equipping the avionics."

– Jörg Gorkenant, Co-owner and Head of Design and Airworthiness, Alamo Engineering

"As a leading management company, our clients entrust and empower us to deploy solutions that deliver reliability, commercial value and, of course, passenger satisfaction. For us, the SD Plane Simple option just made sense."

– Paras Dhamecha, founder and managing director at Empire Aviation Group

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

INTELSAT®

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