



In-flight connectivity for business aviation

Introducing a more powerful Ka-band solution — **now with no speed limits**



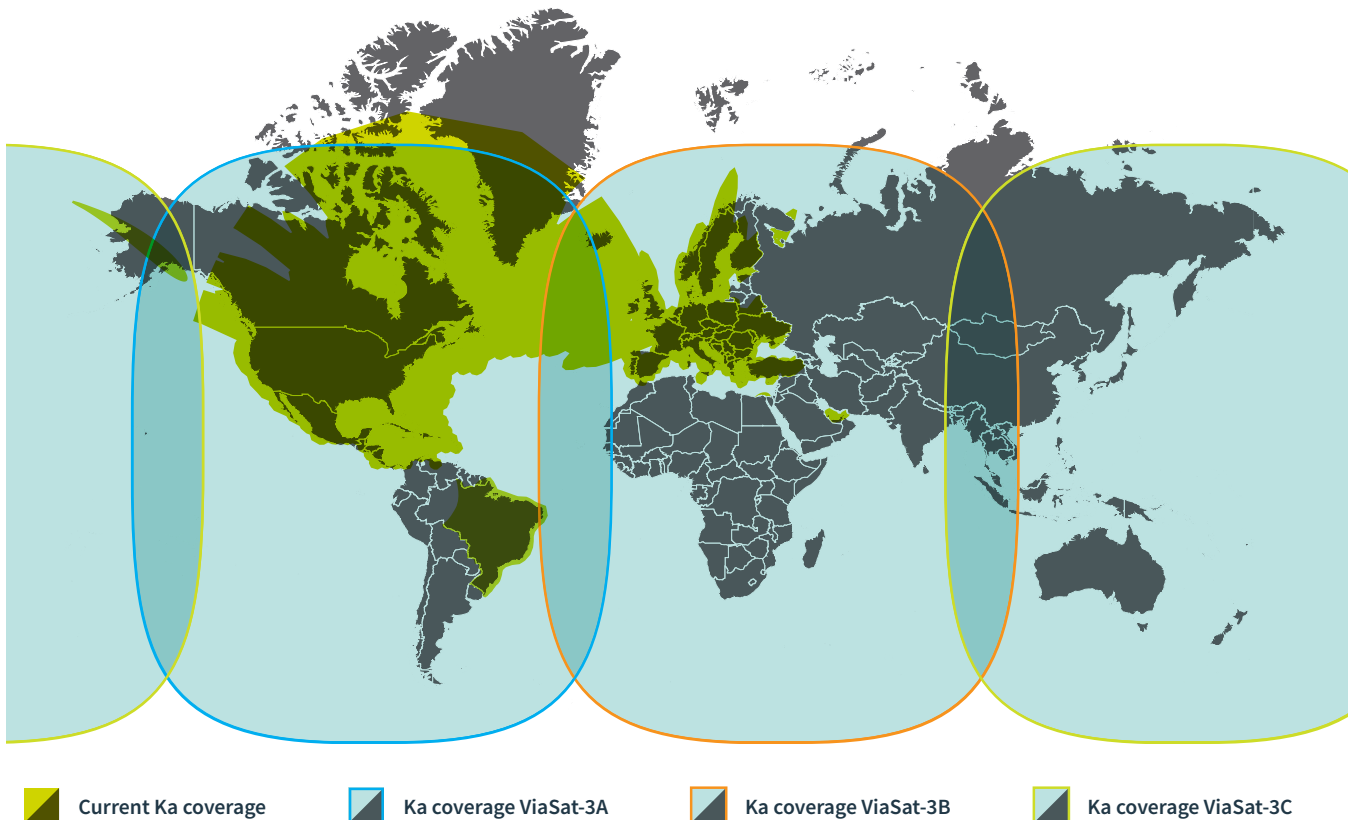
Connect without compromise — and without speed limits.

Viasat Ka-band's powerful satellite capacity is the engine behind unparalleled speeds and a premium in-flight experience.

With more Ka-band capacity than any other in-flight Wi-Fi provider, Viasat brings you powerful and high-performing internet service without speed limits for an unrivaled in-flight experience. Now you can stream, browse, video conference and more, from takeoff to touchdown. At Viasat, we know that business and life don't stop in the air. Neither should your high-speed internet.

An improved Ka-band experience

Viasat is redefining in-flight internet for business jets with its "no speed limits" Ka-band solution¹. We've removed the speed limits on our Ka-band service so you can get the same internet in flight as you do in the office. Enjoy high speeds typically greater than 30 Mbps with peaks exceeding 90 Mbps² for unparalleled in-flight connectivity. In addition to everyday web browsing, email, and corporate VPN access,



Future coverage is an expansion of current Ka coverage. Coverage is approximate and subject to change.

passengers can conduct multi-site video conferences plus stream music, video, and TV. The service is available during all phases of flight including taxi, takeoff, and landing.

The Viasat difference

Viasat has the world's highest capacity satellites³ and is the only in-flight entertainment and connectivity provider building an ultra-high capacity global network. Viasat Ka-band solution offers:

Faster speeds: Do more with no speed limits. Typical speeds experienced are greater than 30 Mbps, with peaks exceeding 90 Mbps². Stream, conference, and browse better and faster during all phases of flight.

Forward compatibility: Protect your investment. Viasat's Ka-band equipment will work with our enhanced satellite technology of tomorrow³ allowing you to accommodate the increased demand for speed, capacity and performance.

Unrivaled capacity: Take advantage of global bandwidth and speed powered by the world's highest capacity satellite network. Capacity is the engine behind high-speed internet.

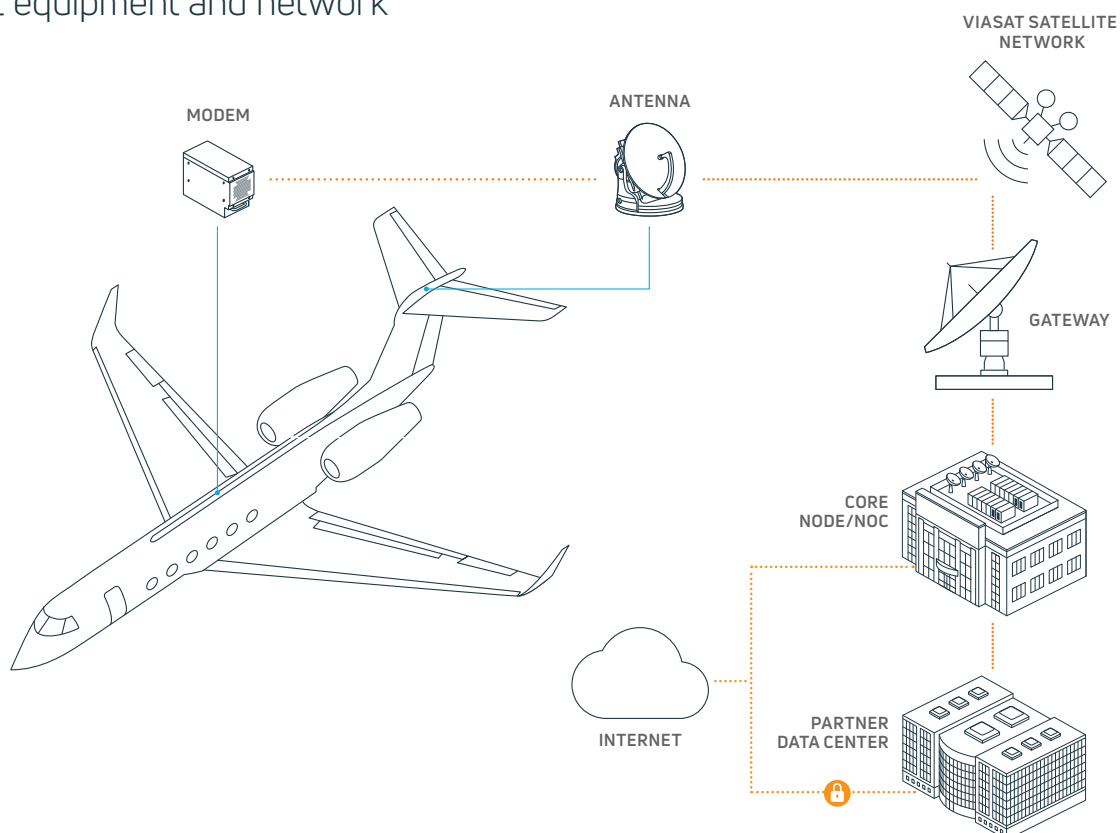
Unbeatable performance. Unbelievable pricing.

With Viasat Select Ka-band direct service you'll get out-of-this-world speeds at down-to-earth pricing. Plus, you'll enjoy 24x7x365 end-to-end support all from one provider. We will continue to offer service through our Value Added Reseller partners as well.

How it works

The service uses Viasat and partner high-capacity Ka-band satellites to transmit data to and from the aircraft. Passengers connect their devices to the aircraft network similar to Wi-Fi connections on the ground making it a simple and continuous experience. Data is transmitted between the plane and the ground station through the satellite. As the plane moves through the air, the system automatically performs handovers between coverage areas.

Viasat equipment and network



Specifications

Global aero terminal 5510

Operating frequencies

Transmit	27.5 to 30.0 GHz
Receive	17.7 to 21.2 GHz

Baseband Interfaces

Navigation	ARINC™ 429 input
Data	10/100/1000BASE-T Ethernet

Environmental & physical characteristics

Operating temperature	-55° C to +70° C
Total weight of shipset	51.4 lb; 23.3 kg
Power input (AC or DC options)	115 VAC, 400 Hz or 28 VDC

Supported and supportable aircraft

Bombardier	Challenger 300/350/3500, Global Express, Global XRS, Global 5000, Global 6000
Dassault	Falcon 7X, Falcon 8X, Falcon 2000LX ⁴ , Falcon 2000LXS ⁴
Embraer	Legacy 450, Legacy 500, Praetor 500, Praetor 600
Gulfstream	G280, GIV, GV, G450 ⁵ , G550, G650/650ER

Data rates to aircraft: No maximum limit¹; Typical: >30 Mbps

Data rates from aircraft: Maximum: 2 Mbps

¹ “No speed limits” means that there is no cap set on the speed delivered to a terminal. Speeds may still be limited by terminal equipment capabilities, network and environmental conditions, and other factors. ² “Typical” speeds are the speeds a terminal should usually experience under normal network and environmental conditions; speeds are not guaranteed and will vary. ³ Includes Ka-band satellites launched through 2023. ⁴ STC expected Q1 2023. ⁵ STC expected in 2022.

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