

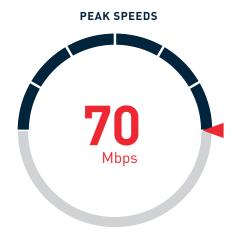
Take your digital life with you. Worldwide.

Inflight Wi-Fi is the ultimate luxurious necessity for modern travelers in a digital world. With Gogo® 2Ku, whatever you do at home and the office, you can now do in your cabin. Get work done so you land farther ahead than when you left. Watch live sports and catch all the action. Stay in touch with friends and family via text, chat and phone. Listen to your favorite music apps. It's the smart way to take your world with you when you fly.



Elite Wi-Fi speed

Gogo 2Ku is a breakthrough connectivity solution that provides superior performance and peak speeds of 70 Mbps. It's elite Wi-Fi speed that enables private aviation customers, for the first time, to experience inflight Internet comparable to their home and office.



Yes, you can stream:







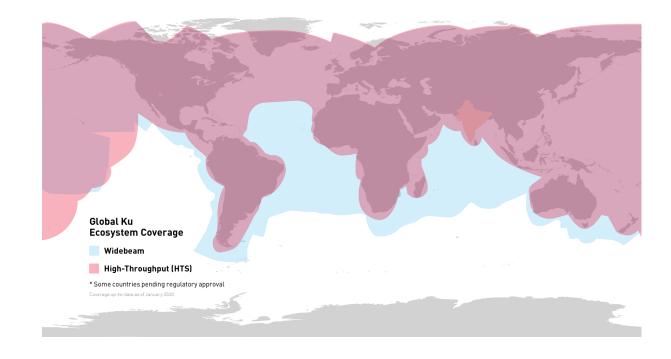
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Live sports/ TV



Stay in touch with everyone. Everywhere you fly.

Gogo 2Ku delivers unparalleled global satellite Internet coverage: with greater bandwidth, consistency and reliability than other airborne networks. 2Ku even offers superior performance in equatorial regions: a historically problematic area with other satellite networks. All so you stay seamlessly online and in touch, no matter where you fly worldwide.



GOGO KU: A HIGHER STANDARD OF SATELLITE CONNECTIVITY



satellite ecosystem, forward compatible

%+
global coverage,
including equatorial
regions

200 + regulatory approvals obtained worldwide

compromise

Gogo's Ku network

Reliable and redundant global coverage

Gogo 2Ku leverages our existing Ku network, delivering reliable, redundant coverage around the globe. Unlike other providers who rely on only a handful of satellites, the Gogo network relies on the Ku ecosystem of 180+ satellites, offering built-in redundancy. As demand for capacity increases, Gogo can leverage the rapidly growing network of Ku satellites to ensure supply and keep VVIP customers connected worldwide.

Fit for the future

With an open architecture, Gogo 2Ku offers unrivaled adaptability.

Dedicated to aviation

While our competitors' networks share capacity, Gogo's Ku network is fully dedicated to aviation – resulting in greater capacity for our airline partners and WIP customers.



The Gogo 2Ku ecosystem

For more than 25 years, Gogo has brought inflight connectivity to the sky for business and commercial aviation. Now, we're proud to offer the next leap in our technology evolution, Gogo 2Ku.

Featuring a unique dual phased-array antenna, 2Ku provides superior performance – enabling new experiences for passengers and crew.

Key features and benefits

- Next-generation modem enhances performance, delivering peak speeds up to 70+ Mbps to the aircraft
- Unique antenna design with 4x more surface area resulting in dramatically better performance especially in equatorial regions
- Industry-leading speeds support video streaming
- Over 180 Ku satellites deliver redundant gate-to-gate coverage around the globe
- With more capacity from more satellites, a Ku band system delivers greater bandwidth, consistency, and reliability than a Ka band system

Equipment

Gogo 2Ku terminal



2Ku Antenna

Two large aperture phased-array antennas



MODMAN

Device used to host the nextgeneration modem, which modulates and demodulates L-band signals



KANDU

Provides power to the satellite antenna and uses aircraft navigational data to control its movement



KRFU

Converts L-band to Ku band frequencies from the modem to prepare for transmission to the satellite; governs this process in reverse as well

Gogo in-cabin network



Gogo ACPU-2

Head-end server unit with solid state storage, integrated terrestrial modem, and Wi-Fi client



Gogo In-Cabin WAP

Wireless Access Points provide the Wi-Fi signal to devices in the cabin. They support the latest 802.11 standards, including 802.11ac



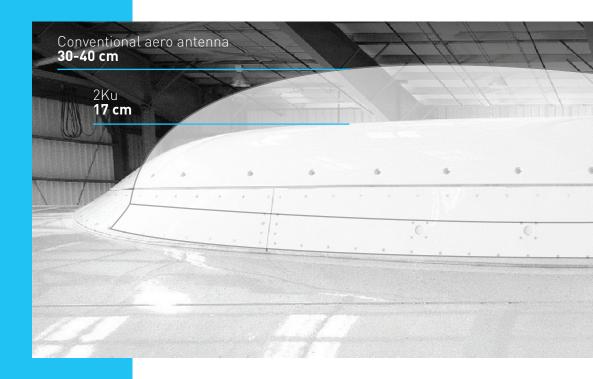
Wi-Fi Antennas

Devices that generate the in-cabin Wi-Fi signal; antenna placement is optimized for each aircraft type



Low-profile radome

With its low-profile radome, Gogo 2Ku gracefully blends with the fuselage and offers 50% less equivalent weight penalty than conventional aero antennas, reducing drag and fuel burn, and generating significant savings for your aircraft.

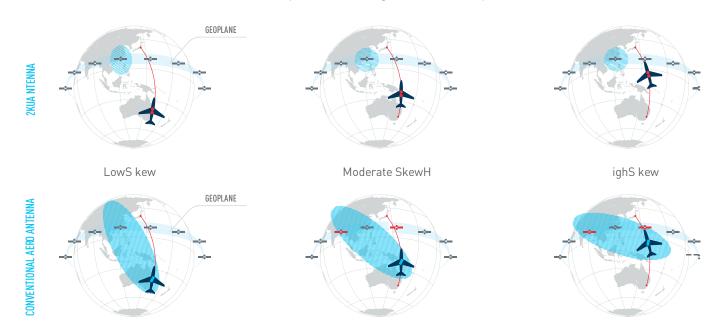


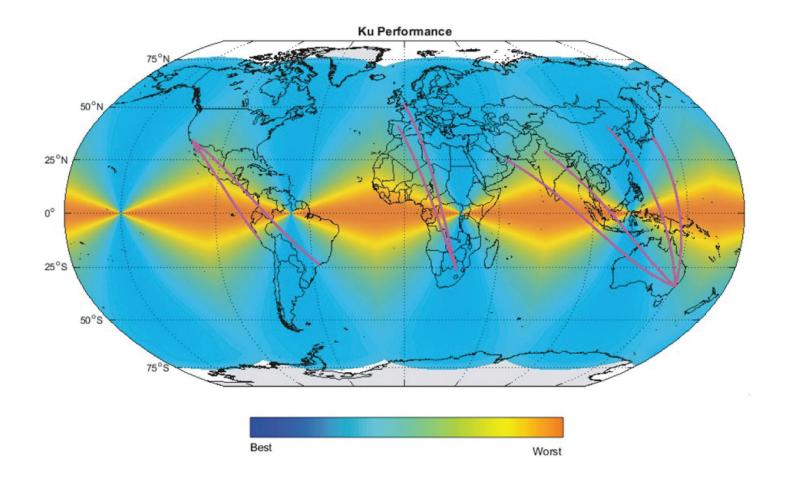
Superior equatorial performance

Compared to conventional aero antennas, Gogo 2Ku access technologies are designed to provide strong connectivity in areas where other antennas suffer. This is particularly important for aircraft traveling across certain areas of South America, Asia and Africa. A typical south to north flight will start out in a region with lower skew angle.

As the flight nears the equator, the oval-shaped beam produced by conventional aero antennas interferes with adjacent satellites (shown in red).

To avoid this interference, the conventional aero antenna lowers transmit power even further, reducing data rates both to and from the aircraft. The Gogo 2Ku antenna terminal projects a narrow beam, which avoids adjacent satellite interference and delivers a more consistent internet experience on flights near the equator.





The performance of conventional aero antennas suffers in high skew angle regions (illustrated in yellow/orange on map). With conventional aero antennas, long-haul flights that operate in equatorial regions may operate with poor performance. For example, a flight leaving California headed to Peru, can suffer from outages of up to 76% of flight time.



In flight today

The only next-generation satellite solution in the sky

With Gogo Ku and 2Ku solutions already in flight on aircraft around the world, the connectivity revolution has begun.



Award-winning IFC

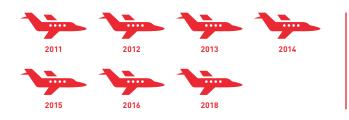
Named "Best Business Aviation Cabin Connectivity" by Business & Commercial Aviation Magazine – Readership Awards for 2018.





Service and support

It's not all about elite speed. Gogo Business Aviation takes great pride in our award-winning customer service and support: as evidenced by our #1 AIN Magazine customer survey ranking - seven of the past nine years. Couple in our state-of-the-art Network Operations Center team, and you can rest assured that your service is supported by a world-class organization.







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