

# GOGO 5G

Get ready for the revolution.

Rollout:  
**2022**



**Dedicated network** serving only aviation

Uses existing tower infrastructure of **more than 250 towers**

**Significantly faster and robust** for a better experience



**Lower latency** to more closely resemble the in-home connectivity experience

**100% end-to-end true 5G** as defined by 3GPP: the global consortium that sets mobile broadband standards

**Using 64MHz of spectrum** - 60MHz of unlicensed spectrum, which will work with the 4MHz of FCC licensed spectrum we own and operate today



## 4G to 5G: Faster Wi-Fi for more devices.

**GOGO BIZ-4G**

Streaming is doable, depending on your service and bandwidth others in the cabin are using.

Multiple connected devices might start to gobble up bandwidth.

Update flight apps and avionics tools before takeoff, and reap the rewards during flight.

You are a smart network user, and you're incredibly productive and connected.



*Just stream it.*



*Let them connect. Your bandwidth doesn't care.*



*Go ahead and update them while in flight.*



*Online interactions now happen so fast that you forget you ever left the ground.*

**GOGO 5G**

# AVANCE makes Gogo 5G possible

**AVANCE™ L5**

connectivity platform

+

**GOGO 5G**

network infrastructure

Gogo 5G will present a dramatic acceleration of connectivity performance and increased capacity to accommodate the rising demand for data onboard business aircraft.

## 01 High speed

Yes, speed and more speed. With Gogo 5G, your airborne experience has never been this similar to your home or office experience. Productivity zooms. Interactions happen in real time, like you're really there.

## 02 Low latency

People who experience latency often call it a "lag" or they begin to see "buffering." Gogo 5G will have ultra-low latency, which users will love — especially compared to any satellite systems.

## 03 High bandwidth

Gogo 5G is not just about speed, it's also about giving you more bandwidth to the aircraft. Bandwidth enables "lots more" -- lots more users and lots more devices accessing the network at the same time without any impact on the experience.

## 04 High reliability

Our 4MHz of licensed spectrum is a critical differentiator for Gogo - it's what all our existing systems use today to connect 6,000+ ATG aircraft, and it guarantees Gogo will always have an exclusive and reliable signal.

## 05 Nationwide coverage

At launch, Gogo 5G will provide 100% 5G coverage throughout the continental United States. We will then expand 5G coverage into Canada and Alaska. Gogo Biz service will continue to be available for all Gogo 5G subscribers.

Gogo's vertical integration delivers operational excellence and your connectivity confidence. We directly manage the following functions:



Cellular towers



Onboard hardware and software



Data centers and backhaul



Customer service



Security protocols and systems

This level of ownership and coordination helps you fly smarter with unmatched dependability and productivity — even as technology changes over time.

## LEARN MORE

Contact us to learn about Gogo 5G, our development process, and what 5G means for you.



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