



# Aviate, navigate, communicate

HOW INFLIGHT CONNECTIVITY HELPS  
MODERN PILOTS IMPROVE AN OLD ADAGE





# Aviate, navigate, communicate



It's a simple adage, but today these universal piloting duties are more complex than ever.

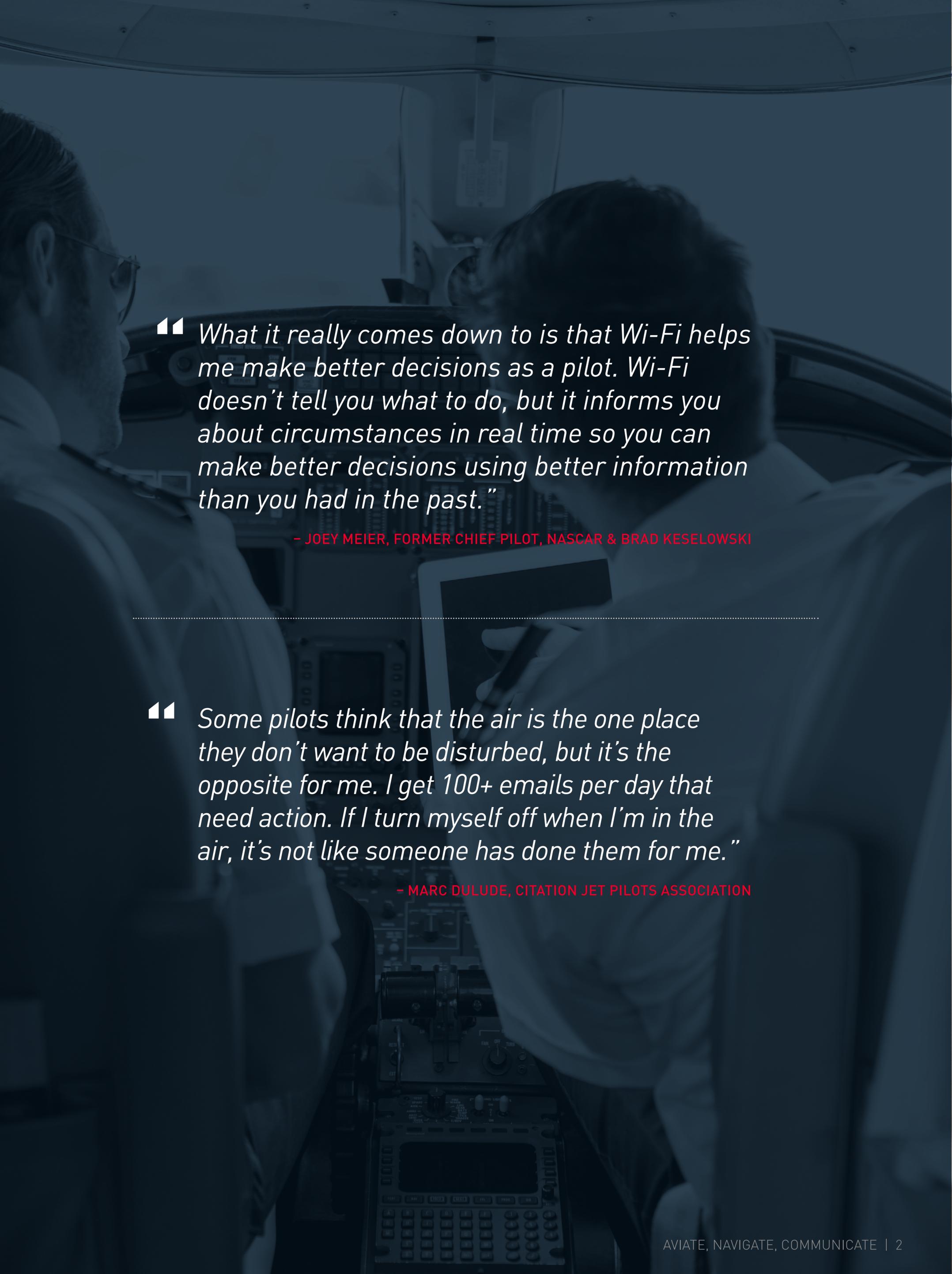
That's why more and more of today's pilots are adopting inflight connectivity (IFC) as a tool for the cockpit, as well as the cabin. IFC does more than give your passengers email and the internet. It simplifies your core piloting responsibilities, helps you make better decisions, provides invaluable system and tool redundancy, and increases your safety and efficiency no matter your mission or plane type.

Once you have IFC, you might not have to rely as much on the traditional communications and weather systems that you're used to paying for.

*IFC allows you to cut out the dead time in your day, completing business tasks or connecting with others while you're in the air. That way, you don't have a pile of requests, emails, and other needs waiting for you when you land.*

We hear from these pilots frequently, and they tell us that IFC has become a crucial part of their routine — and they're not about to go back to flying without it.

In this guide, we'll show you some important ways IFC changes your experience as a pilot, with plenty of additional resources called out along the way.

A photograph of two pilots in a cockpit, viewed from the side. They are both wearing white flight suits and are looking at a tablet held by the pilot on the right. The cockpit is filled with various instruments and controls. The image has a dark blue overlay.

“What it really comes down to is that Wi-Fi helps me make better decisions as a pilot. Wi-Fi doesn't tell you what to do, but it informs you about circumstances in real time so you can make better decisions using better information than you had in the past.”

– JOEY MEIER, FORMER CHIEF PILOT, NASCAR & BRAD KESELOWSKI

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“Some pilots think that the air is the one place they don't want to be disturbed, but it's the opposite for me. I get 100+ emails per day that need action. If I turn myself off when I'm in the air, it's not like someone has done them for me.”

– MARC DULUDE, CITATION JET PILOTS ASSOCIATION



## Aviate more skillfully



### Wi-Fi enabled weather apps are user-friendly and exceptionally powerful

The real-time weather information you can easily receive in the cockpit has saved many a pilot whose primary weather system goes down. And today's apps can paint upcoming weather systems with as much detail and precision as radar or systems like Nexrad.

### Fuel price data can answer crucial questions, right now

Inflight Wi-Fi lets you quickly find the best pricing and avoid the headache of uncertain flight costs. Web-based services like JetFuelX.com have you covered — if you're connected.

“*Before onboard Wi-Fi, changing the itinerary due to weather added hours to the day for our passengers. We couldn't make any arrangements until we were on the ground. Now we're calling them using our own smartphones, they're texting us, passengers are emailing dispatch — it's seamless.*”

— DON DAVIS, CHIEF PILOT, DON DAVIS AVIATION



#### Video:

Hear how Citation CJ3+ pilot Marc Dulude used Wi-Fi and the ForeFlight app to compensate for an XM Nexrad failure.

## AVANCE notice

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In 2017, Gogo unveiled the [AVANCE inflight connectivity and entertainment platform](#), breaking away from traditional hardware systems and improving how inflight connectivity is delivered. Its release saw the most dramatic new-technology adoption in business aviation history, and AVANCE is now installed on more than 2,000 aircraft, from turboprops to large jets.

AVANCE is a complete digital engine — a single system that delivers inflight internet, voice services, inflight entertainment (including 3D moving maps), cockpit app data, and a cloud-based support and services toolkit. Like similar consolidated platforms you might use on the ground, AVANCE will serve you now and far into the future, even as new features and services are added.



### AVANCE L3:

Our most affordable solution that's popular with turboprops and light jets. Provides solid broadband connectivity and inflight entertainment (including 3D moving maps) for up to 25 devices.



### AVANCE L5:

The most powerful AVANCE solution. Provides online streaming, video conferencing, and much more for up to 40 devices.



Navigate  
more reliably

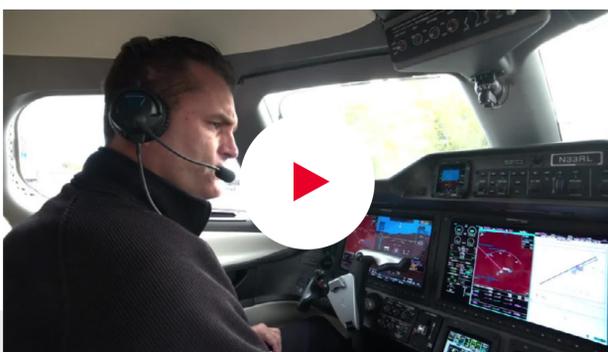


## Connected flight planning creates efficiency and peace of mind

Wi-Fi enhanced apps like ForeFlight provide up-to-the-minute destination, charting, and document management resources for any flight plan you can think up. Apps like FBO Link provide ATIS information anywhere, any time — not just within radio range of the airport — to enhance your situational awareness and planning.

## Adjust plans and change destinations when time matters

As unfortunate as they are, family emergencies and other necessities come up when you and your passengers least expect them. Call, text, or go online to adjust in the air, in real time, instead of biting your nails and then scrambling when you get to the tarmac.



### Video:

What can you accomplish with minute-by-minute cockpit data?

## In case of emergency

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**On one recent Gogo-equipped flight, passengers were connected to the internet and found out a family member had a medical emergency requiring them to land at a new destination.**

01

The pilot used onboard Wi-Fi to contact air traffic control and file a new flight plan. He used his pilot apps to check data on fuel and range.

02

The flight crew used Wi-Fi to communicate with dispatch, speeding up the customs process and arranging for rental cars and accommodations.

03

The pilot used ATIS on his iPad® (while still out of radio range of the new airport) to verify active runways and directions, saving time and fuel on landing.

04

The passengers disembarked promptly with all relevant arrangements made, including a rental car, ready to focus on their family.

**On another Gogo-equipped flight, the pilot was en route from Canada to Savannah, Georgia, which required him to secure a time window to meet with customs.**

He got a Crew Alerting System (CAS) message mid-flight and knew it would be far better to land in Greensboro, North Carolina, where his aircraft's maintenance facilities were. With Wi-Fi, he contacted customs in Savannah, who gave him a new log number and met him in Greensboro instead. He avoided the need for a mobile service unit in Savannah — and a whole lot of hassle.



# Communicate more freely



## Internet, phone, and text communications keep you connected

You can reach out anytime to dispatch, FBOs, and passengers using your own phone and the same call or text methods you would use on the ground. And you can do so for almost the entire flight, even on short-haul routes.



### How it works:

Gogo enables IFC starting at 3,000 feet AGL.

“As pilots, we’re always looking down the road, checking weather, communicating with the office, our scheduler, maintenance — you name it. The instant ability to communicate is just a game-changer.”

— GARY STONE, ASSISTANT CHIEF PILOT, MEREDITH CORPORATION

## Communicating with maintenance can keep you in the air

Apps like Flightdocs enable seamless, instant communication with maintenance. You can keep everyone updated about any issues or questions, saving costs and avoiding downtime.



### Customer Q&A:

A large media company keeps all parties in the know.

“I was flying near Rifle, Colorado, and a small plane below me was lost in the mountains. The pilot couldn’t contact ATC. Using my iPad and IFC, I could see where he was and what terrain he was getting close to. I communicated with him to give him direction on how to move away from terrain. He would have been alone otherwise.”

— TONY FIZER, EXECUTIVE VICE PRESIDENT/ CHIEF PILOT, PRIME INSURANCE COMPANY

## COVID and beyond: Re-thinking cabin safety and productivity

COVID has impacted the way pilots, crews, and passengers think about cabin safety. New safety practices are also changing how we think about productivity and entertainment, too. All of these factors point to a heightened need for IFC.



Paperless entertainment (no more physical media, such as DVDs and magazines) is a key trend in business aviation. It's also a more modern and desirable way of letting passengers enjoy movies, TV, sports, and news — and all it requires is a Wi-Fi connection or built-in entertainment service such as Gogo Vision.



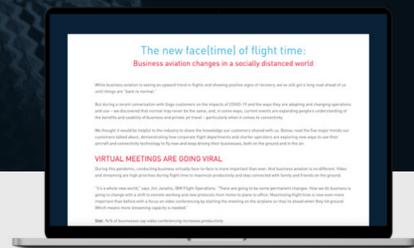
Using an aircraft as a remote office means less contact with other people. Crews are even remaining on the aircraft and using terrestrial connectivity to get things done between landings and departures.



Virtual meetings are the norm, and businesspeople of all ages need consistent, anytime access to videoconferencing, whether they're on the ground or at altitude.



COVID briefings, safety and regulatory apps, and strict sanitation protocols are easier to organize and manage with Wi-Fi connectivity.



### From the blog:

Business aviation is soaring in a socially distanced world.



## Improve your piloting, simplify your job



In the cockpit, safety and efficiency rule. Wi-Fi will improve your efficiency, situational awareness, safety, and ability to provide value to those who are counting on you — no matter the size or type of your aircraft.

### Installation made easy: Gogo's established dealer network and STCs

You care about your aircraft, and we care that your system serves you well wherever you go. Gogo AVANCE L3 and L5 are in wide use through our well-established dealer partnerships, and STCs already cover virtually any business aircraft make or model.

Our dealers are certified and authorized by Gogo to do the install, so you'll receive the highest level of service no matter your dealer partner. For customers who want even more assurance, the Gogo ProCheck service puts a Gogo field support engineer onsite during an installation or upgrade.



#### Video:

Learn how Gogo ProCheck support gives you unrivaled peace of mind.



## Why Gogo?

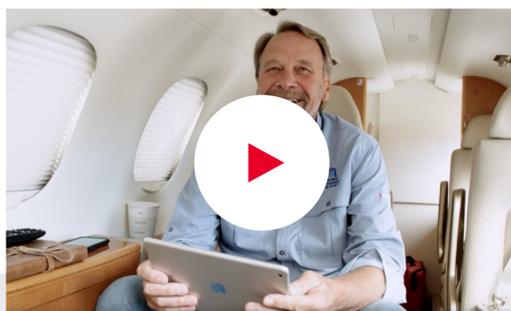


### Fly smarter with the most trusted IFEC leader

Gain peace of mind and proven reliability from more than 8,200 Gogo BA systems in flight, 500,000 miles spent connected, and the only vertically integrated air-to-ground (ATG) network of 250+ towers in North America.

### Future-proof your investment with business aviation's only fully integrated digital connectivity platform

Gogo AVANCE is the only connectivity and entertainment solution that delivers a complete inflight Wi-Fi experience — one that is incredible today and designed to keep getting better over time.



#### Gogo's pursuit of excellence

See how Gogo has constantly pursued and delivered business aviation's most trusted and proven inflight connectivity innovations.



**70+ MILLION**

inflight internet sessions

Over **80,000** per day

**25,000**

**COCKPIT DEVICES**  
connected per month

**1TB** Weather and turbulence data monthly

▲▲ *The whole world opens up to you when you have inflight connectivity.”*

– MARC DULUDE

CONTACT US TODAY TO LEARN MORE.

[business.gogoair.com/solutions/pilot-crew/](https://business.gogoair.com/solutions/pilot-crew/)



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