



# THE CONNECTED FLIGHT DECK: A PILOT'S GUIDE TO INFLIGHT WI-FI

## Inflight connectivity is no longer a luxury, it's an essential tool for modern pilots.

Today's fast-moving information environment demands constant connectivity. Beyond passenger entertainment, **real-time data in the cockpit is a critical operational tool**, enhancing pilot decision-making, improving safety, and optimizing flight efficiency above 10,000 feet.

Explore how real-time data transforms aviation by enhancing decision-making, safety, and operations.

## Types of Inflight Connectivity Solutions Available Today



**SATELLITE CONNECTIVITY:**  
Expanding Global Coverage

**THE NETWORK:**

Near-global reach utilizing LEO and GEO satellite networks.

**BEST FOR:**

International routes, long-haul flights, oceans, and outside of CONUS air-to-ground coverage.

**PILOT ADVANTAGE:**

Global service continuity and aircraft-wide redundancy for all airframe sizes.



**ATG:**  
A Ground-Based Solution for North American Fleets

**THE NETWORK:**

Ground stations acting like an aviation-focused cellular network, maintaining line of sight bearing with target aircraft.

**BEST FOR:**

Domestic operations and North American fleets flying over CONUS.

**PILOT ADVANTAGE:**

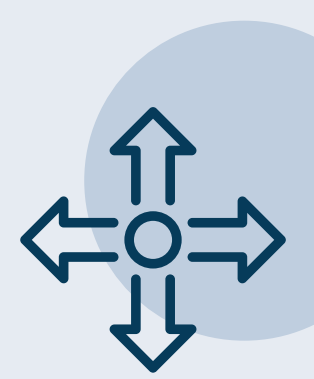
Exceptionally strong, stable performance with optimized ultra-low latency.

## Core Benefits for Connectivity for Pilots



**Real-Time Weather Updates**

Move past static pre-flight briefings; stream live radar to navigate fast-developing cells.



**Dynamic Flight Planning**

Reroute seamlessly mid-flight based on weather, traffic, or airspace restrictions with direct Electronic Flight Bag (EFB) integration.



**Enhanced Communication**

Leverage text, VoIP, and email to coordinate with dispatch, FBOs, and support staff without clogging busy ATC channels.



**Safety & Emergency Management**

Instantly stream engine/avionics diagnostics or contact ground-based medical support and maintenance control in real time.



**Operational Efficiency**

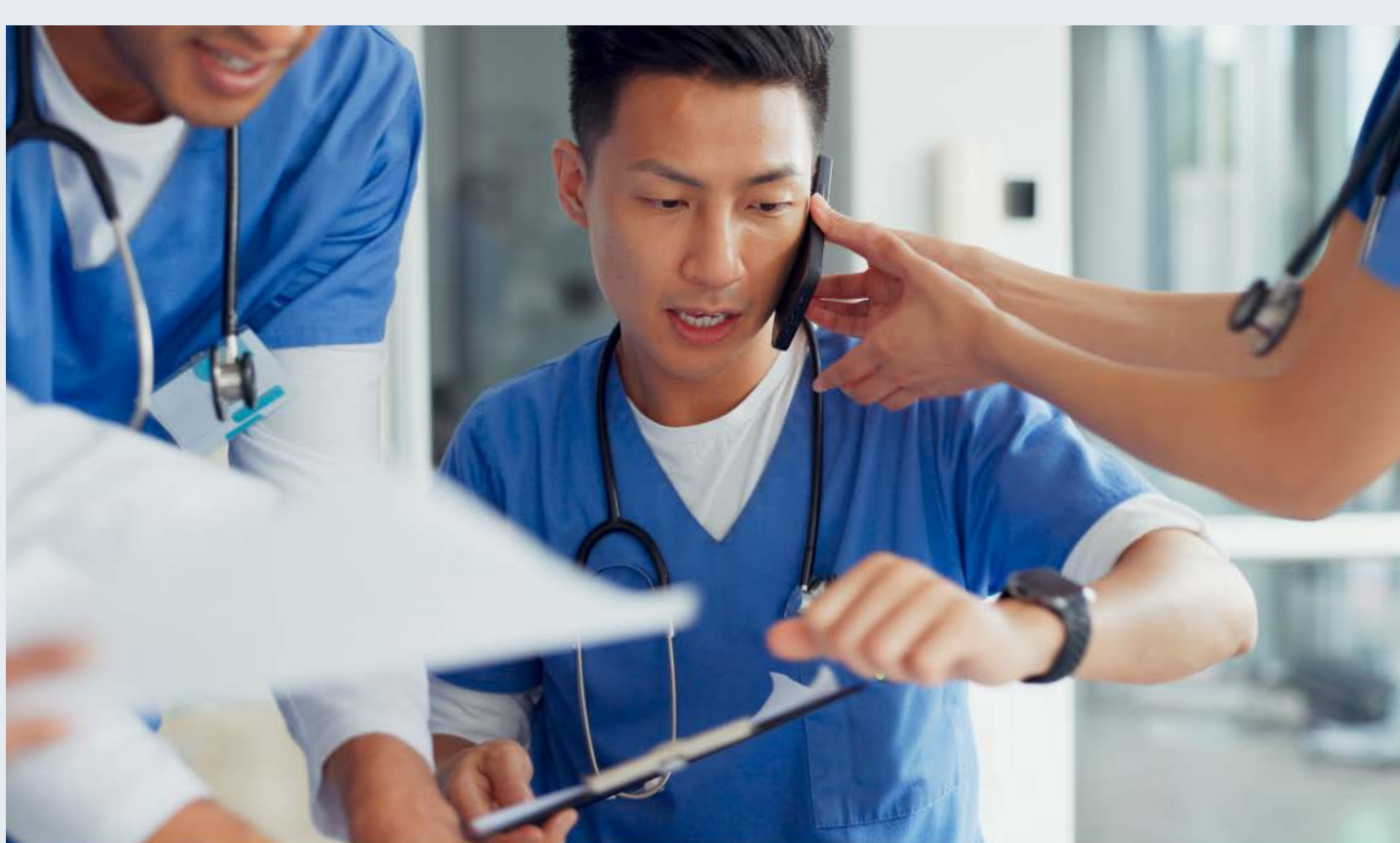
Receive updated NOTAMs, real-time fuel quotes, customs notifications, and ground handling logistics mid-flight for faster turnarounds.



**Passenger Coordination**

Adjust arrival times, handle last-minute itinerary shifts, and update ground teams without leaving the controls.

## Common Scenarios Where Connectivity Saves the Day



**Medical Diversion Avoided**

Ground-based medical teams guide pilots through inflight passenger issues, preventing costly, unnecessary diversions.



**Storm Navigation**

Live satellite radar feeds allow crews to safely reroute around fast-developing storm cells in real time.



**VIP Itinerary Shift**

Mid-flight schedule changes are handled seamlessly by coordinating routes and ground teams over onboard Wi-Fi.

## Inflight connectivity empowers pilots, not just passengers.

As aviation continues to advance, one thing remains clear: staying connected is no longer a luxury, but the new standard of modern flight. In a sector where safety and precision are paramount, seamless connectivity provides the ultimate competitive advantage, ensuring crews fly smarter, more efficiently, and with total confidence.

