

# CONNECTING YOU TO WHAT MATTERS

## TELL US WHAT YOU NEED AND WE'LL CONNECT YOU



GLOBAL COMMUNICATIONS  
& FLIGHT TRACKING

ENGINE TRENDING

000Is

EFB CONNECTIVITY

FUEL MANAGEMENT

CUSTOMIZABLE 000Is

EFB & IPAD CONNECTIVITY

REAL-TIME FUEL MANAGEMENT & FOQA

GLOBAL VOICE, FLIGHT TRACKING & ENGINE MONITORING

For years we have been connecting airlines to their aircraft. As a maintenance or operations manager we realize that you are not just looking for connectivity to your planes, but connectivity that can be customized and configured to your unique needs. Quite simply, we recognize that you only want to pay for what you need, when you need it.

At FLYHT we have taken your need to invest in progressive functionality and paired it with a flexible solution. Our AFIRS™ 220 and 228 are configurable and programmable onboard devices that collect information from standard ARINC inputs to offer core

functionality such as global voice, text messaging, real-time FDM for FOQA enhancement, accurate and automated 000I times and flight tracking. The AFIRS product line is also *Future Ready™* - offering industry firsts such as real-time fuel management and iPad EFB connectivity, including bulk file transfers through 3G/4G and WiFi.

Considering all of our connectivity options at once can seem daunting at first. For this reason we have kept it simple. We only connect you to the information that you require. In the future, if you require more intelligence from your aircraft we enable that option. If you don't require it, you don't pay for it.

F L **Y** H T™

AeroMechanical Services Ltd.

# AFIRS MODULAR CONNECTIVITY OPTIONS

## Global Voice Communications

AFIRS offers telecom flexibility via conventional two wire "Tip and Ring" telephony devices. For the cockpit, integrated audio allows affordable world-wide voice communications for the flight crew, enabling remote troubleshooting. Up to two wired or eight cordless handsets can be added in the cabin providing intercom, call transfer, conference calling, camp-on calling and noise cancelling features. This also provides the crew with worldwide access to MedLink or other emergency medical services.

## Global Flight Tracking

AFIRS' flight following capabilities enables accurate, real-time fleet monitoring. By understanding the location, status, and condition of your aircraft, anywhere at anytime you can improve the safety and predictability of your fleet, improving overall asset management. In the event that an aircraft goes missing or initiates an emergency descent, it will be triggered as an abnormal event, in real-time, permitting your operations staff to immediately address the situation.

## Real-time FDM for FOQA

With our real-time FDM and built-in QAR you are advised with pinpoint accuracy when you need to pull QAR data from a plane for detailed analysis - enabling quality assurance and risk mitigation. The AFIRS product line captures in-flight parameters, as defined by you, and notifies you in real-time when an exceedance has occurred. No need to wait for the Quick Access Recorder (QAR) card to be downloaded or for outside personnel to de-code data of an incident that may have occurred several days prior.

## Automated Engine Trending

Engine trend data is transmitted automatically, in real-time from every flight during takeoff and stable cruise. The AFIRS solution reduces pilot workload during flight while also ensuring that consistent, accurate and timely engine data is passed directly from the plane to your ground crew, manufacturer or a third party for analysis - eliminating costly delays and transcription errors. FLYHT can also assist in providing data for ETOPS compliance.

## Accurate and Automated OOOLs

Imagine not only having accurate and automated block and flight times, but times that are also customizable and configurable to record multiple events. For example: doors closed, brake off, engine start, GPS movement of the aircraft. Block and flight times can also be integrated with your existing airline systems to ensure maximum efficiency. When it comes to OOOL times you won't find a more accurate solution.

## Real-time Fuel Management

With fuel being one the most significant expenses, airlines are seeking the ability to evaluate how their operations impact their fuel consumption and cost. FLYHT is the only company in the industry to offer a real-time, in-flight SOP compliance monitoring capability, that displays in-flight performance (identified or unidentified) and visibility into how aircraft are being flown.

## EFB & iPad Connectivity

AFIRS has extensive and expandable interface capabilities that allow it to connect to numerous aircraft systems. FLYHT has experience with multiple EFB hardware and software suppliers allowing maximum return on investment for your airline. Worldwide connectivity for performance applications, weight and balance, technical log entries, free-form text applications, and real-time weather updates are made simple and affordable.

## ACARS over Iridium

If your fleet is equipped with ACARS you are likely getting all of the data you need while over VHF territory. However, many operators are now insisting on having the same information when outside of VHF coverage. Our ACARS over Iridium solution sends your data directly to your ARINC and SITA provider with no additional charges than you currently incur. FLYHT's AFIRS 228 Iridium Global Communications System provides aircraft crew with reliable voice and data services for ATS, AOC, and AAC communications using Iridium's global satellite network.

## THE FUTURE IS HERE

Are you tired of managing your business in the 21st century with data pipes that are locked in last century? We thought so.

With the most advanced connectivity and real-time information options in the industry, we have found that we are a good fit for airlines desiring to create customer and shareholder value through operational excellence. These airlines are driven by a culture of continuous improvement and innovation that require real-time connectivity and information to enable timely, informed decisions. The result: customer friendly, efficient and profitable operations.



AeroMechanical Services Ltd.