

PLANECONNECT<sup>TM</sup>  
HTM



**Gulfstream<sup>®</sup>**  
A GENERAL DYNAMICS COMPANY

AIRCRAFT HEALTH & TREND MONITORING

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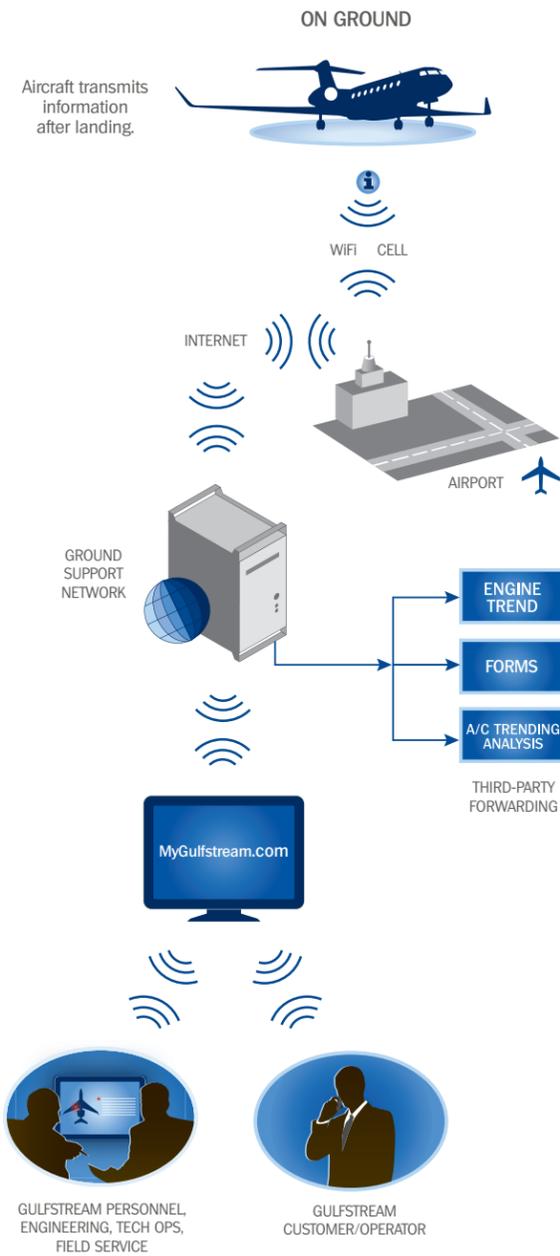
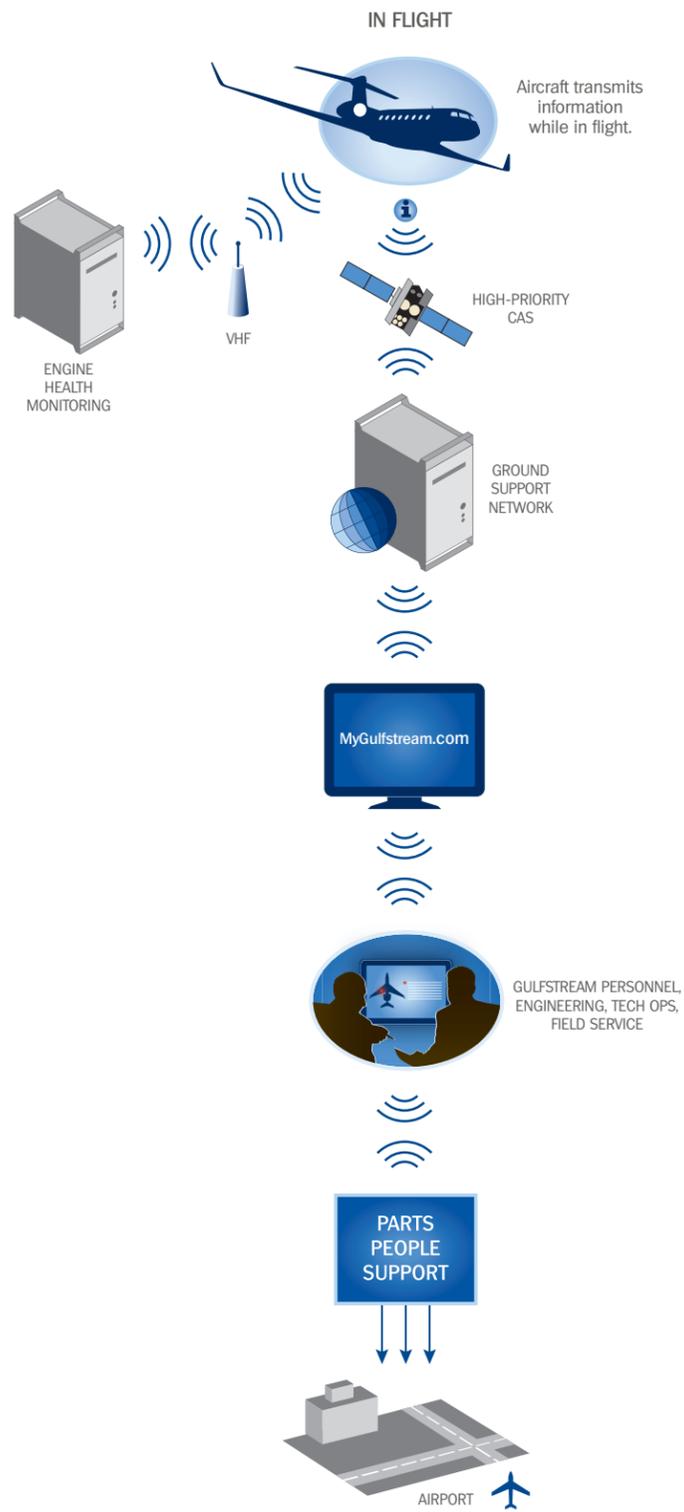
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**IN THE MOMENT**  
*not* AFTER THE FACT.

What if you were made aware of a problem before it actually became one? You can with PlaneConnect HTM. Gulfstream engineers have elevated the functionality of PlaneConnect to also offer health and trend monitoring, giving your aircraft operators the highest level of performance insight possible.

PlaneConnect HTM connects aircraft systems and ground-based support systems, so whether you're in the air or on the ground – anywhere in the world – meaningful, actionable information is always being collected and monitored. This constant acquisition of data allows the system to learn from the information collected, which ultimately helps operators anticipate problems before they occur. This ensures optimal aircraft availability, reliability and performance.



## HOW IT WORKS

Utilizing what is, in essence, a wireless high-fidelity data recorder and processor, PlaneConnect HTM processes, stores and analyzes large quantities of real-time data generated by your aircraft while in flight. That data is then automatically transmitted, without the need for manual downloads, to a preselected third party. Gulfstream access to data is only through prior approval and remains the property of the aircraft operator. Preset parameters allow PlaneConnect HTM to quickly identify when performance begins to stray from "normal" and provides the operator with the collected data to perform any corrective actions. Additionally, quarterly and annual reports of aircraft performance are generated and serve to keep the operator up to speed on the aircraft's overall health.

*The* REAL-TIME  
INFORMATION ADVANTAGE



# BENEFITS

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While unsurpassed safety and performance may be the obvious advantages of PlaneConnect HTM, it also offers a host of other benefits as well, including:

**MINIMIZE AMBIGUITY OVER WHAT HAPPENED:**

No longer will your operator have to ask, "How long has this been going on?" With PlaneConnect HTM, variances are identified the instant they occur for rapid, accurate assessment.

**REDUCE PROBLEM DIAGNOSIS / TROUBLESHOOTING TIME:**

PlaneConnect HTM features a user interface that enables all recorded parameters to be viewed on the maintenance laptop in real time, which significantly enhances the speed and accuracy of problem diagnosis and troubleshooting.

**ACCESS POST-EVENT AIRCRAFT DATA WITH NO OPERATOR ACTION:**

Now critical information is yours at your command, giving you the data you need while freeing your crew to focus on more pressing matters.

**INCREASE IN FIRST-TIME RESOLUTION TO ISSUES:**

When you know what's wrong, you also know what to fix, eliminating guesswork in order to reach the fastest resolution.

**INCREASE DISPATCH RELIABILITY:**

The sooner a variance is identified, the sooner it can be addressed, putting you one step ahead of maintenance needs at all times.

**REDUCE NO-FAULT-FOUND PARTS:**

Because PlaneConnect HTM clearly identifies where issues originate, you are able to eliminate wasted time, effort and costs often associated with no-fault-found parts.

**INCREASE CRITICAL AIRCRAFT AVAILABILITY:**

Automatically monitor, identify and resolve any issues for a proactive approach that ensures your aircraft is always standing by.

**ELIMINATE MANPOWER REQUIRED FOR DATA DOWNLOADS:**

Saving you time and cost, PlaneConnect HTM performs automatically, reducing both work and worry.

**REDUCE COSTLY DISRUPTIONS:**

The healthier your aircraft is, the better it performs, which naturally minimizes the occurrence of disruptive issues.

**ENHANCE AIRCRAFT VALUE:**

The use of PlaneConnect HTM demonstrates your dedication to aircraft excellence, which results in a healthy return on your investment.