THE AIRLINE OPPORTUNITY

Airlines rely on timely aircraft data insights to identify and unlock operational efficiencies. In addition, for data transfers from aircraft to ground to be cost-effective, airlines require a simple way to set policy-based datarouting instructions. This enables them to use the most cost-effective communications links available.

Only with effective data management can airlines fully understand their aircraft data, ensure safer operations, on-time departures and arrivals, and improve customer satisfaction. Sensitive airline data must, of course, be secured at all times, and shared only with authorized stakeholders.

Many airlines collect aircraft post-flight and health data manually as part of overnight maintenance regimes. This often means a delay of hours, errors in the collection process, inefficient data mining and a lack of quantifiable metrics.

The sensitivity of airline data also means data transfers need to be secured from aircraft-to-ground, with data shared only with authorized internal or external stakeholders. While some solutions on the market allow for automatic wireless transfers, these require costly investments and authorities.

SITA FOR AIRCRAFT’s DataCapture® addresses these challenges.

**DATACAPTURE®**

An air-to-ground system that automatically and securely collects and transfers aircraft data, supporting improved safety, flight operations and maintenance reporting.

**DATACAPTURE®**

This fully managed aircraft-to-ground solution is designed to automatically acquire data from multiple aircraft systems. Using automation, it captures, compresses and transfers this collected data via available communication links, based on operator-selected business rules and priority-based communications.

This capability extents to all aircraft file types, which can be automatically synchronized and exchanged with our ground servers when the aircraft lands.

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**Our SITA FOR AIRCRAFT experts estimate that airlines regularly lose up to 25% of their data**

How much data do you lose during air to ground operations?

**A380 superjumbo collects information on more than 200,000 aspect of every flight**

How much value are you deriving from data produced by your fleet?

**The cost of grounding a commercial passenger jet for work can run to as much as $10,000 an hour.**

What savings are you making through pre-emptive maintenance, thanks to timely aircraft data?
THE VALUE
DATACAPTURE® BRINGS

MINIMIZED INVESTMENT
Reduce financial outlay with airborne software that can be installed on an existing AID or EFB onboard your aircraft. We can also provide an AID as part of the service, for aircraft that are not yet equipped. Ground servers are hosted in the SITA Cloud.

TIME SAVINGS
Reduce the administration burden with a fully integrated and managed system. Flight operations, safety and maintenance analysts will get aircraft data accurately and on time, without needing to worry about data transfers or IT matters.

24/7, 365 SUPPORT
Round-the-clock multilingual support and access to technical support staff, combined with proactive monitoring and resolution before impact.

SECURED FROM AIR-TO-GROUND
Rest safe in the knowledge that data is in good hands. Critical flight data from a large majority of airlines is encrypted onboard with state-of-the-art security libraries. Data is collected on the ground within our private SITA ATI Cloud, securely held behind a firewall and inside SITA VPN.

ABOUT SITA
SITA is the IT provider for the air transport industry, delivering solutions for airlines, airports, aircraft and governments. Our technology powers more seamless, safe and sustainable air travel.

Today, SITA’s solutions drive operational efficiencies at more than 1,000 airports while delivering the promise of the connected aircraft to more than 400 customers on 18,000 aircraft globally. SITA also provides the technology solutions that help more than 40 governments strike the balance of secure borders and seamless travel. Our communications network connects every corner of the globe and bridges 60% of the air transport community’s data exchange.

SITA is 100% owned by the industry and driven by its needs. It is one of the most internationally diverse companies, with a presence in 200 countries and territories. SITA’s subsidiaries and joint ventures include SITAONAIR, branded SITA FOR AIRCRAFT, CHAMP Cargosystems and Aviareto.