



ADVANCED MANAGEMENT OF AIRCRAFT - GROUND COMMUNICATION

Airlines benefit greatly from using air/ground communication in operations and maintenance, with the potential for almost instant global communication and data exchanges. However, aircraft operators need a flexible and cost-effective system to manage this communication, provide straightforward user interfaces for operators and integrate seamlessly with existing and future IT systems. AIRCOM® FlightMessenger is the industry leading solution to provide flexible and powerful management and integration of operational communications and data.

130+

customers
around the world,
representing all
types and sizes
of aircraft
operators and
OEMs

ISSUES

- Integrating ACARS into airline operations requires dedicated infrastructure with high upfront costs: ACARS is known to deliver real benefits, but solutions are complex and expensive to integrate.
- Multiple aircraft configurations, particularly with new generation aircraft add complexity: there are multiple formats for the same type of data due to avionics configurations, and new gen aircraft require integration with specialized OEM systems.
- Fully exploiting the potential of air/ground communication requires integration with multiple applications: integrating with many IT systems is complex and expensive, and each airline has a different mix of applications and processes.

SOLUTION

- AIRCOM® FlightMessenger is built on the AIRCOM® ServerPlatform, and can be hosted in the SITA ATI Cloud or at the Airline. Fast deployment and removal of upfront capital costs with preconnected aviation standard solutions such as Type B and Type X.
- AIRCOM® FlightMessenger is able to process messages from multiple sources and reformat them into a common standardized format for onward distribution. AIRCOM® FlightMessenger has standard connectors for integration with A350, A380, B787, etc. aircraft.
- Multiple communications protocols are supported by AIRCOM® FlightMessenger. The solution is highly user configurable, so message formatting and distribution rules can be amply configured by the airline.

BENEFITS

- AIRCOM® FlightMessenger is a highly responsive, cost-effective, secure and reliable solution that is fast to deploy.
- Users are up and running quickly, with easy to use user interfaces.
- The solution accommodates mixed fleets of new generation and “legacy” aircraft, simplifying operational processes.
- MIAM, IMACS, BEGSS, etc. can be integrated with standard connectors.
- The ability to extract data from messages in any format, handling distribution and standardizing downstream messages, simplifies airline flight operations and maintenance processes. Centralizing data handling in AIRCOM® FlightMessenger reduces complexity and cost.