SITA OnAir's e-Aircraft™ 'Nose-to-Tail' solutions enable the aviation industry to enhance the passenger experience, streamline cabin and cockpit operations, and optimize maintenance and flight operation procedures.
Which e-Aircraft are you?

Enhance AIR TRAFFIC CONTROL procedures with complete integration from ATC to cockpit.

Optimize FLIGHT OPERATIONS and navigation by synchronizing real-time situational awareness information.

Enhanced maintenance decisions based on managed AIRCRAFT health data.

Paperless operations for COCKPIT to optimize business processes and drive airline efficiency.

Personalize passenger interaction with real-time information available to CABIN CREW.

Provide a richer and more interactive infotainment experience for PASSENGERS.

Which e-Aircraft are you?
Passenger solutions

- Check social media, email and surf the web
- Watch movies, listen to music and receive news updates
- Talk, text and tweet with inflight mobile services
Cabin Crew solutions

- Personalize onboard interaction with real-time passenger information available to crew
- Provide a seamless passenger journey by automating flight and ground services using real-time data, for example en-route baggage information
- Enable real-time credit card authorization
Cockpit Crew solutions

• Deliver real-time and visual Flight Information Services, such as weather and flight tracking
• Optimize flight navigation and operations by leveraging data acquisition and distribution between pilots’ avionics and ground applications
• Reduce turnaround time by automating communication between pilots and operational control
Aircraft solutions

- Enable predictive maintenance through the acquisition and analysis of aircraft data, avoiding unplanned maintenance during turnaround.
- Reduce maintenance time by automating aircraft data distribution to support software part updates.
Flight Operations solutions

- Deliver real-time and visual Flight Information Services, such as flight tracking
- Optimize flight navigation and operations by leveraging data acquisition and distribution between pilots' avionics and ground applications
- Reduce turnaround time by automating communication between pilots and operational control
Air Traffic Control solutions

ATS AIRCOM Solutions
Tower and en route systems

ATS AIRCOM Services
Pre-FANS, FANS, ATN

- Improve air navigation efficiency and safety.
- Enable ANSPs to implement the Future Air Navigation System (FANS).
- Enable complete integration from ATC to cockpit.
Installation and Support Services

- Efficient installation of inflight connectivity across all fleet types
- Reduce aircraft downtime to 24h during system installation and certification phases
- Enable real-time maintenance through 24/7 network monitoring