AIRTEL ATN

Air Navigation Services of the Czech Republic

ANS CR, Czech ANSP now Data Link enabled

OBJECTIVES

- Become Data Link compliant
- Reduce radio congestion
- Future proof for new Data Link applications

WHY AIRTEL ATN?

- Active in over 35 countries
- Almost 40% of European ANSPs use Airtel ATN
- Member of every significant R&D programme

RESULTS

- Compliant with mandate
- Reduced communication errors
- Decreased air traffic controller workload

BACKGROUND

ANS CR is the ANSP responsible for air traffic services in the Czech Republic's five airports including the military airport.

In order to comply with the EU mandate, ANS CR needed to implement CPDLC communications. They contacted Airtel ATN as the company is a Data Link specialist and is responsible for Data Link services in over 40% of European ANSPs.

Airtel's Air/Ground Data Link Server (AGDLS) provides the backbone communications service for all ATC communications for air traffic control centres. AGDLS supports the Context Management (CM) and Controller Pilot Data Link Communications (CPDLC) protocols and interfaces with both ATN and FANS networks.

ANS CR also implemented Airtel's Ground-Ground router to support 10,000 + aircraft and Protocol Decoder (PDEC) to log and share key data.

RESULTS

Since the delivery of Airtel ATN software ANS CR is now compliant with the EU mandate long before the deadline. Radio frequency congestion has been reduced and therefore availability for non-routine voice communication improved.

> " It was an easy decision to choose Airtel ATN for our Data Link communications. It is the only company exclusively specialising in Data Link and the software integrates with all key systems. "

Milan Soukup, Systems Engineer, ANS CR