



Next generation technology

Australia's current air traffic control systems were ground-breaking technology when introduced in the 1990s to early 2000s and created significant advancements in civil and military air traffic operations at that time.

Both the civil air traffic control system (TAAATS) and the military air traffic control system (ADATS) will be replaced by an advanced Civil Military Air Traffic Management System (CMATS) and its supporting technologies to deliver a national service



Civil Military Air Traffic Management System

Developed by Thales, CMATS is a system of systems which will replace the current independent civil and defence systems to enhance efficiencies and capacity of Australia's air traffic network.



Voice Communications System

In 2019 Airservices replaced the legacy voice communications technology at Brisbane, Melbourne, Sydney and Perth with a VOIP-based system. This system will evolve to provide additional functions required for CMATS.



Bypass Voice Communications System

An independent backup voice switch for Airservices sites which doesn't share the same software, hardware or interfaces as the main Voice Communications System.



Regional Tower Solution and Airservices Defence OneSKY Towers

Saab will develop an upgrade to the air traffic management system for use in regional towers. This solution will also be deployed to Defence air traffic control towers, replacing the ADATs technology to provide enhanced air traffic management.