

Overview

Australia has embarked on the most complex transformation of air traffic management (ATM) in its aviation history, a once-in-a-generation opportunity to create a unified solution to Australia's future ATM needs.

The OneSKY Australia Program is an unprecedented partnership between Airservices Australia and The Department of Defence to develop a new integrated civil and military air traffic management system, known as CMATS.

CMATS replaces the current civilian ATM system and Defence ATM system to be the most advanced and integrated ATM system in the world.

It will manage more than 11 per cent of the earth's airspace and some of the world's busiest air routes, while concurrently serving Australia's need to maintain Defence capability and meet national security imperatives.



OneSKY australia
Harmonising Air Traffic Management

For more information visit
www.airservicesaustralia.com

Milestones

2013 ○ CMATS Request For Tender released
○ Tender Evaluation begins

2015 ○ Thales announced as the preferred supplier

2018 ○ Transition activities commence Expected completion by 2023

Program benefits

System safety and security



○ The flexibility and sophistication of our technology means controllers can move easily between positions, geographical areas and work groups, increasing day-to-day variety.

○ Our customers will have the flexibility to fly their aircraft at its most efficient saving \$ millions in fuel costs and significantly reducing carbon emissions.

More efficient airports



○ For the first time civil and military controllers will share air traffic management technology and see the same display of air traffic information to keep Australian airspace safe.

○ Our air navigation data will be protected by advanced end-to-end security that prevents unauthorised access.

Service resilience



○ Air traffic controllers will be using new cutting-edge technology and real-time prediction tools to coordinate flights, and safely increase airspace flexibility to aircraft under their control.

○ Customers will have greater access to valuable air navigation data; the information we share can be used to fly the most efficient and safe flight routes.

Financial and environmental savings



Greater staff opportunities



○ Our civil military air traffic management system will interface with advanced aircraft technology so we can improve the way planes approach the runway and land, while helping to reduce noise for communities.

○ We'll have specialist technology to optimise air traffic flow. More orderly flows of air traffic will maximise the use of runways and help reduce travel delays in the air and on the ground.

Airline Decision Making

