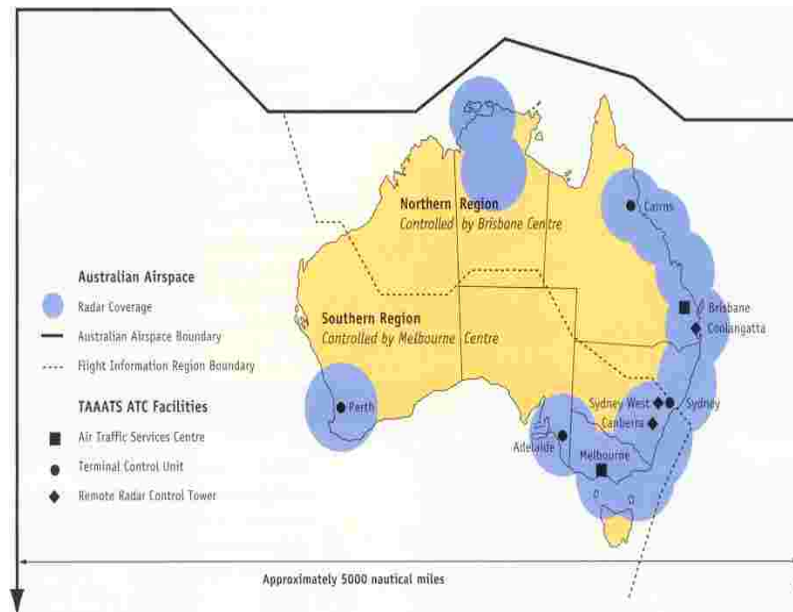


AIR TRAFFIC MANAGEMENT SYSTEMS AUSTRALIA & INTERNATIONAL

Modern Air Traffic Management (ATM) systems are being required to cover larger areas and handle increasing traffic volumes. Additionally the ATM systems are under pressure from the aviation community to increase efficiency and reduce costs. Accommodating these evolutionary changes requires greater degrees of automation to assist the air traffic controller in performing their tasks safely and efficiently.



ATM PROJECTS

Ambidji professionals have provided technical and operational expertise in the development, implementation, testing and commissioning of complex ATM systems both in Australia and overseas. One such significant project was The Australian Advanced Air Traffic System (TAAATS). TAAATS is a state-of-the-art ATM system covering approximately one-ninth of the earth's surface and incorporates new technologies such as:

- ❖ Integrated Radar Data Processing (RDP) and Flight Data Processing (FDP);
- ❖ Flight plan situation display;
- ❖ Automated system functions and monitoring;
- ❖ Automatic dependent surveillance (ADS);
- ❖ Controller Pilot Data Link Capability (CPDLC);
- ❖ Complex flight plan conflict probe functionality and;
- ❖ Radar alert capability both in en-route, and terminal airspace.

SERVICES PROVIDED by **AMBIDJI**

Ambidji provides specialist capabilities for technologically complex real-time systems such as Air Traffic Management [ATM] systems including:

- ❖ Operational ATM Specialists;
- ❖ Airspace design and transition;
- ❖ Technical ATM & Radar Specialists;
- ❖ Project Management;
- ❖ System testing/commissioning;
- ❖ Operational Training;

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