

Tactical Data Management

Permian Defence Systems is a leading provider of Tactical Data Management solutions to the Australian Defence Force.

Data Acquisition and Management

Permian Defence Systems provides data acquisition and conversion solutions for Link-16, ADFORMS, OTHT-Gold and a range of specialised system formats.

Permian Defence Systems have developed a number of data management solutions such as it's TAAATS Data Acquisition, Distribution and Display System (TDADDS), used to acquire air traffic data from The Australian Advanced Air Traffic Systems (TAAATS) and provide to Defence in native and Link-16 formats.

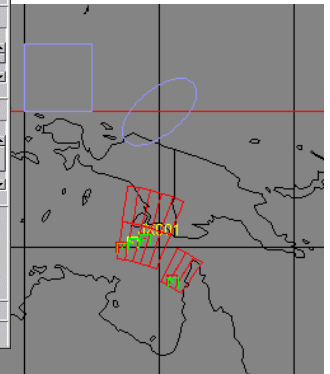
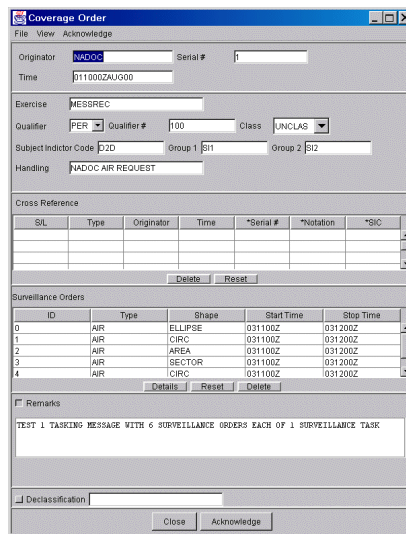
Permian Defence Systems designs and develops custom solutions for data management using structured relational database systems.

Systems Integration

Through the provision of services and solutions, Permian Defence Systems has successfully integrated a number of Australia's tactical data systems.

Permian Defence Systems was the key provider of ADFORMS, Link-16 and OTHT-Gold link validation tools for the Jindalee Operational Radar Network (JORN) and related projects. Permian's External Defence Agency Test Harness (EDATH), developed for the JORN project, provides a full tasking and track display interface.

Permian Defence Systems provided TAAATS data to the EASTROC via a conversion to Link-16 and integration with Solipsys' MSCT™.



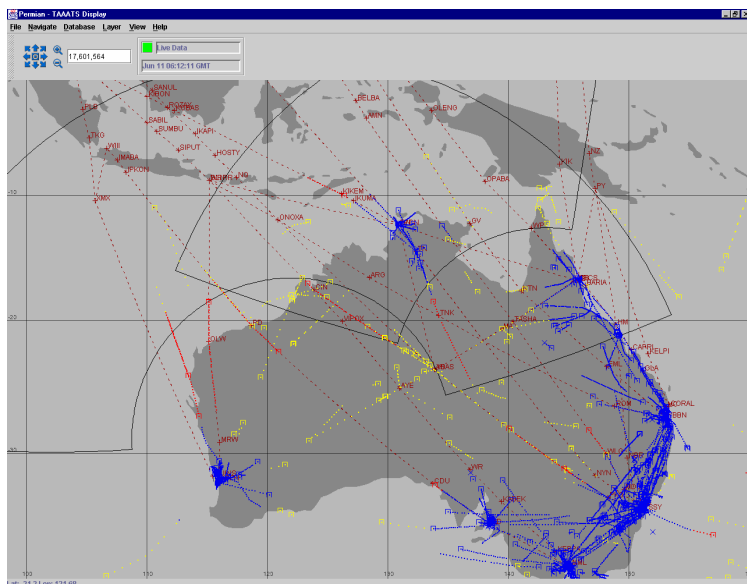
Permian's EDATH System used to Control JORN Tasking

Visualisation and Analysis

Permian Defence Systems has developed a range of tools for visualisation and analysis of air traffic data.

Display functionality is developed in a structured way to ensure that detailed information can be extracted and displayed in a logical and efficient manner.

Analysis tools such as custom queries and related air traffic density plots have been developed to permit radar task planning.



Permian's TDADDS System Displaying Live Air Traffic Data



Rigorous Link Testing prior to Deployment

Permian – developing innovative solutions for Defence...