

NEWSPACE MARKET · COMPANY PROFILE



Acacia Systems

Australia · founded 1992 · acaciasystems.com.au

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PRODUCTS

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SERVICES

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as of 20 August 2026



Acacia Systems

Supporting the Australian Defence Force since 1992, Acacia Systems is a leading Australian defence software and systems engineering company engaged primarily in developing advanced mission management systems and tactical support applications. The company maintains significant depth of skills in data fusion, tracking, sensor performance, data analysis and environmental mathematical modelling, translating these into advanced deployed systems through disciplined systems, software and hardware engineering practice. Acacia's flagship products include Onyx, a world-class portable sensor tracking optimisation system supporting fusion of sensor data across multiple active and passive sonar sensors; Onyx Force, which integrates Onyx across multiple platforms for cooperating Anti-Submarine Warfare assets; Reflex, a mission records and data management system; and Cortex, a lightweight mission management system deployed on platforms such as the Bombardier Challenger 604 in service with the Australian Maritime Safety Authority. With more than 28 years of experience in data fusion and tactical tools, Acacia Systems operates from offices in Hendon, South Australia and Arlington, Virginia (USA), applying advanced sensor tracking, unmanned systems integration and machine learning to submarine, surface and air domain operations.

This profile is generated from the live NewSpace Market catalogue. Specifications are as published by the manufacturer; every product links to a page where a request for quotation reaches the company directly.

SERVICES

Services

Bespoke Consulting and Programming Services

Acacia Systems provides tailored consulting and programming to address specific customer challenges and develop unique solutions.

Customised Development

Acacia Systems delivers bespoke consulting and programming services for tailored solutions to meet specific customer requirements.

Future Technology and Concept Consulting

Acacia Systems offers consulting on emerging technologies like machine learning and AI for combat system functions and decision analytics.

Integration Services

Acacia Systems provides integration services for its products, ensuring they are seamlessly incorporated into customer systems.

Through-Life Product Support

Acacia Systems offers ongoing support for its products throughout their operational lifespan, ensuring continued performance and reliability.

Product catalogue



ACACIA SYSTEMS

Onyx

Onyx is a world class, highly portable sensor tracking optimisation system that supports the fusion of sensor data across multiple sensors in the active and passive sonar domains (

price on request



ACACIA SYSTEMS

Reflex

Reflex provides the ability to capture and visualise all mission system data elements, including multiple sensor data streams, the compiled tactical picture, and Command insights,

price on request

Contact Acacia Systems

Open the company profile on NewSpace Market to see full specifications and datasheets, and to send a request for quotation that reaches the manufacturer directly.

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