



Bringing together thinking on Defence AI

Artificial intelligence (AI) is a collection of technologies that allow big problems to be solved autonomously without explicit guidance from humans and is already applied across most industries and sectors.

The **Defence Artificial Intelligence Research Network (DAIRNet)** brings together experts and end-users from Defence, academia, and industry to provide strategic advice and innovative AI solutions to Defence.

The network provides a multi-disciplinary vehicle to find novel solutions to complex and rapidly evolving AI problems relevant to Defence by supporting the concept to capability journal.

Since the establishment of DAIRNet in 2021:

59

Research projects
commenced

>\$13M

research funding
awarded

37

Prototypes have been
created

28

Organisations funded

30

Publications including 14
peer-review journals

8

DAIRNet-hosted
research events and
co-design workshops

7

Conference travel
scholarships

>1,400

Active subscribers
on mailing list

>1,000

LinkedIn followers



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Our **mission** is to connect Defence opportunities with next generation AI solutions.

Our **vision** is that by empowering innovation and collaboration across diverse national AI capabilities, we will develop safe and secure AI solutions to provide advantages for Defence.

Our **objectives** are:



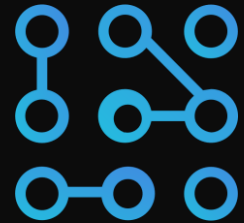
People & Talent

Strategy: sustain a talent pipeline to grow domestic AI capabilities and Defence AI-ready specialists.



Research Impact

Strategy: supporting R&D and providing the platform in which AI-users work alongside researchers and developers.



Integration & Evolution

Strategy: bringing together and supporting the broader Defence and AI ecosystems.

Connect with us



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DAIRNet is an initiative through the Department of Defence and is managed in partnership with the University of South Australia.



Australian Government
Defence



University of
South Australia