



OCTOBER SKY

Exploring the next frontier of Defence technology, today

23 September – 31 October 2025

Australia

Information Pack

Industry-Led Technology Exploration

Industry plays a critical role in strengthening the allied Defence innovation system.

October Sky was established in 2023 to bridge the gap between technology exploration and capability experimentation across the AUKUS alliance.

In 2025, the program will be delivered in partnership with the Australian Defence Force and in close collaboration with the US Department of Defense, aligning emerging technologies with Defence problem owners, decision-makers, capability managers and end-users.

October Sky provides Industry with a mission-focused environment to benchmark emerging technologies against real-world, threat-informed scenarios.

This year's event will continue to forge trust-based partnerships connecting technologists directly with end-users, decision-makers and capability managers.

Unlike traditional Industry showcases, October Sky is an urgent call to action to unlock software-defined, Mission-Viable Capability for 'Decision Advantage'.

Unlocking Decision Advantage

October Sky is where Industry explores the next frontier of Defence technology, today.

This year's theme is Decision Advantage: the ability to sense, make-sense, decide and act on information faster and more accurately than the enemy. Focused on AI and Autonomy technologies, October Sky aims to unlock short-term options for Mission-Viable Capability.

From 23 Sep to 31 Oct 2025, across Australia, October Sky will run in partnership with the Australian Army, aligning Industry-led technology exploration with Army-led experimentation.

Last year's event program brought together:

Over **500** participants
Across the AUKUS-allied partner network

To demonstrate **41**
Technologies

With **3** Integrated
Capability Demonstrations

Unlocking over **\$7m** in
funding to drive Mission
Capability for the
warfighter.

This year October Sky will scale the impact with a focus on AI and Autonomy as the 'Tech Break-In'.

The AI & Autonomy 'Tech Break-In'

The 'Tech Break-in' calls out AI and Autonomy as the technology offset urgently needed for Decision Advantage.

This year's challenge statement is:

How might we unlock Mission-Viable Capability options for Decision Advantage focused on AI and Autonomy technologies for more lethal, survivable and sustainable allied teams.

Strategic, Operational and Tactical problem statements have, and will continue to be curated to ensure Departmental-alignment for each October Sky technology.

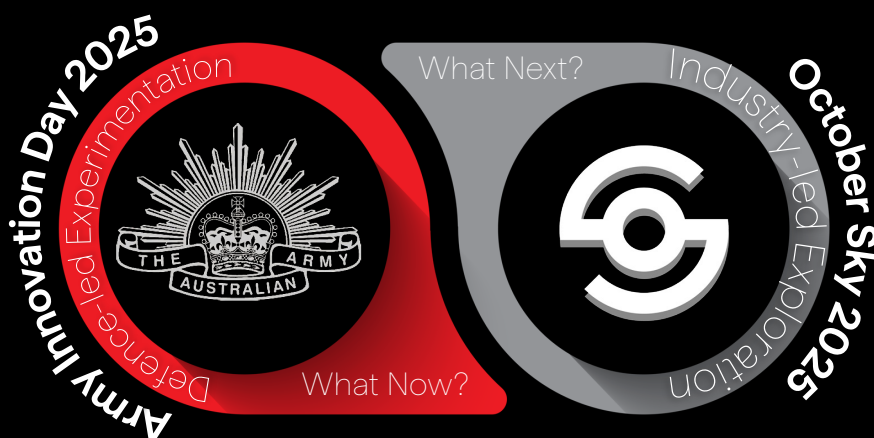
Mission threads for 'sense, make-sense, decide, act and sustain' will be wargamed and demonstrated through three warfighting concepts: Software-Defined Warfighting, Contested Targeting & Contested Logistics.

Mission Systems, Advanced Cyberspace, Advanced Electronic Warfare, Advanced Manufacturing and Software-Defined Guided Weapons will also be explored through this year's integrated capabilities program.

This year we're scaling for impact.

Scaling For Impact

In partnership with the Australian Army, we're accelerating Software-Defined, Mission-Viable Capability.



Adelaide

OS25-1

23 – 25 September

- Invitation Only
- Technology Wargame
- Partnered with Army Innovation Day 2025

Sydney

OS25-2

31 October

- October Sky Symposium
- Integrated Capability Demo
- Technology Showcase



Adelaide

Sydney

Accelerating Mission-Viable Capability

Mission-Viable Capability is a capability that has been tested, fielded and integrated with the confidence and trust required to deliver the necessary operational effect for mission impact.

To accelerate Mission-Viable Capability, we take a unique approach.

What to expect



Technology Wargame

Partnered technology wargame of the concepts and capabilities demonstrated through October Sky.



Integrated Capability Demonstration

Integrated demonstration of Mission-Viable Capability options underpinned by deliberate mission capability assessment.



October Sky Symposium Showcase

A targeted and deliberate technology showcase to illuminate promising Mission-Viable Capabilities.



Mission Capability Assessment Reports

De-risk technology decisions through data-driven insights with a proven innovation risk assessment framework.

The Operating Model

A global, AUKUS-Pillar 2 aligned, annual program for one outcome: mission impact.



Chaos1 Charity Cruise



The Chaos1 Charity Cruise is our way of giving back and is an opportunity for sponsors, partners, and participants to connect meaningfully and experience the beautiful Sydney harbour, while giving back to a good cause.

All proceeds from the event will be donated to charity. Chaos1 is committed to giving back to the community and we will be supporting a charity that provides critical support to the Veteran community.



What They're Saying

"In an environment where access to the end-user is limited, activities like October Sky are paramount. This community provides an essential user surrogate that will drive disruptive innovation to successful outcome"

Mr. John Best, CTO Thales Australia

THALES

"Not only did October Sky 2024 accelerate the achievement of deliverables on our current Defence contract, the solution we developed was more advanced and over 18 months ahead of our planned schedule."

Mr. Alan Platt, Managing Director W&E Platt



"We are scaling for war. October Sky 2024 provided the platform to rapidly team technical and tactical experts together to inspire our future development roadmap – all at a speed we don't see often"

Dr. Vu Tran, Co-Founder Black Sky Industries

BLACK SKY

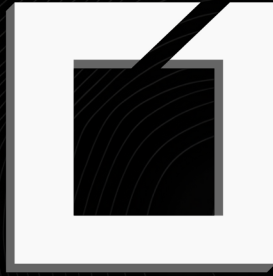
"The opportunity for Google to work with a community of like-minded technologists, solving challenging Defence technology problems was invaluable...October Sky is unlike anything I have been a part of before."

Mr. Ryan Mills, Cloud Architect, Google Cloud



Google Cloud

Powered by



CHAOS1



Find Out More

