



Australian Government

Department of Defence
Defence Materiel
Organisation

DMO

EQUIP AND SUSTAIN
THE AUSTRALIAN DEFENCE FORCE



FOREIGN COMPARATIVE TESTING

24–26 February 2015

Team Defence Australia will facilitate a visit by the U.S. Department of Defense Comparative Technology Office (CTO) during AVALON 2015 in Geelong, Victoria.

During this visit, the CTO intends to meet with Australian defence industry to find and assess world leading technologies that enhance military capabilities and provide long-term value to the Australian – U.S. alliance.

The CTO will consider both mature fielded technology (TRL 8-9) and technology ready for testing in an operational environment (TRL 6-7).

Australia

Team Defence Australia

Australia

In 2015, the CTO will focus on capabilities for its Foreign Comparative Testing (FCT) in the following domains:

- **Interoperability Technology** – Enables coalition systems to train/deploy together effectively (modular open system architecture).
- **Operating in the Arctic Environment** – Electronics and power systems for extreme cold weather.
- **Force Protection** – Systems added to existing platforms to defeat emerging threats, reduce soldier load, increase human systems performance and provide long range target identification.
- **Counter Unmanned Aerial Systems (UAS)** – Small affordable technology to counter micro and mini UAS.
- **Counter Weapons of Mass Destruction** – Small durable automated CBRNE detectors; New and affordable chemical-biological filter/decontamination.
- **Counter Anti-Access / Anti-Denial (A2/AD)** – Operate in denied access to space; Over the horizon data transfer; Alternative Positioning, Navigation and Timing (PNT) in GPS denied environments.
- **Electronic Warfare** – Digital radio frequency modulator or other technologies that can provide affordable enhancements to existing systems.
- **Cyber** – Solutions to automate and handle large scale data processing; Defensive computer network capabilities.
- **Energy** – Renewable energy systems for all environments.
- **Operational** – Technologies that can reduce costs in operations and maintenance, logistics & footprint and extend system life.
- **Capability** – Technologies that can increase survivability and protections across spectrum of operations and improve existing capability.

If your company produces capabilities that match these focus areas and you would like to showcase them to the CTO for consideration in the FCT, please complete the attached form and submit to dmo.usa@defence.gov.au by **Friday 19 December** for priority consideration.

Please Note: The CTO's time in Australia is limited therefore not all companies that submit will be invited for a one-on-one. The CTO will no longer accept quad charts in the review process. All submissions must be done in the provided product template.

For further information on the CTO and the FCT please visit <https://cto.acqcenter.com>

If you have any questions, please submit them to dmo.usa@defence.gov.au and a member of **Team Defence Australia** will contact you directly.