



CASE STUDY

DEFENCE DIGITAL GROUP INCUBATION

Evaluating AR Technologies for ADF Training and Preparedness

The Defence Digital Group (DDG) Incubation Branch partnered with Defence Industry stakeholders to evaluate augmented reality (AR) technologies in enhancing Australian Defence Force (ADF) training and preparedness. This initiative focused on assessing technologies which offer immersive, spatial AR overlays - providing step-by-step guidance for training and operational support readiness, particularly in deployed contexts.

DDG Incubation operates through a structured four-sprint framework: stakeholder alignment, use case planning, MVP development, and a final showcase. These artefacts are then shared with key stakeholders across DDG and, where relevant, the broader organisation to inform strategic sequencing and prioritisation of future digital initiatives.

The selected technology, Taqtile Manifest, was chosen for its ability to enhance deployed training scenarios, support remote guidance, and enable scalable, self-directed learning. Defence personnel engaged directly with the platform through activities at RAAF Base Laverton, ANZAC Park West, and Russell Offices. These interactive demonstrations provided valuable insights into how AR could be integrated into Defence's ICT environment, while also identifying constraints and opportunities for future deployment.



The professionalism and collaborative approach of yourself and the team has been a significant contributor to the overall outcomes. - DDG Incubation Branch.



The outcomes of the incubation activity were significant. The collaborative approach between Defence and industry strengthened strategic partnerships and provided Defence with a clearer understanding of technology optionality in the context of training and preparedness. This incubation activity will help guide future decisions around digital capability development and lifecycle management.



What an excellent showcase – congratulations to you and your team! We look forward to working with the Capability Manager to shepherd through the Golden Thread.

- Chris Crozier, Chief Information Officer of Defence Digital Group

