

Robotic, Autonomous Systems and Artificial Intelligence (RAS-AI) technologies are transforming the battlefield and augmenting existing capabilities. RAS-AI technologies have essential applications in sensing and situational awareness, developing greater autonomy for systems and platforms, and developing swarming capabilities. Ultimately, we are likely to see Autonomous formations in the future with multiple components performing different parts of the mission set. Failure to realise the potential of RAS-AI technology will mean that Australia cannot exploit the asymmetric benefits needed for a country with a small population but an outsized strategic responsibility.

