Position Title:	Research Specialist: Computational Intelligence for Land Tactical Information Systems
Position Reference Number:	PDLD008
Division	Land Division
Position Classification:	S&T 3-4 Above
Position Location:	Edinburgh, SA
Security Level:	Neg Vet 1
Minimum Academic Qualification:	PhD
Enquiries:	Keith French, keith.french2@defence.gov.au (08) 7389 5505

Academic Disciplines

☐ Aerospace/ Aeronautical Engineering, Naval Architecture	☐ Chemical, Radiological, Biological, Food sciences	☐ Materials Science
☑ Computer Sciences, IT, Software Engineering, Telecommunications	☐ Mathematics and physics	☐ Psychology and Social Sciences
☐ Mechanical and Mechatronic Engineering (including robotics)	☐ Electronic/ Electrical Engineering	☐ Other

Position Overview

The Research Specialist: Computational Intelligence for Land Tactical Information will deliver research outcomes in the field of Computational Intelligence for Land Tactical Information Systems. They will form part of the broader industry and academic team focused on context-aware Command, Control, Intelligence, Surveillance and Recognisance (C2ISR) tactical information management research. The position will involve the application of research into relevant Computational Intelligence, including knowledge representation and reasoning techniques specific to the management and presentation of information across the Land Tactical Network.

Position Duties

Under direction, the Research Specialist: Computational Intelligence for Land Tactical Information will:

- Research and develop novel solutions in the field of Computational Intelligence for Land Tactical Information Systems.
- Evaluate different techniques and applications and determine the best method to progress Computational Intelligence outcomes.
- Demonstrate research outcomes through modelling and simulation, hardware in the loop testing and field trials.
- Share experience and advice, and collaborate with the research team of industry, academic and international partners.
- Contribute to the partnerships with clients and other elements of DST Group.

Other Requirements

Appointees will be initially be engaged on a **BASELINE** security clearance with an upgrade to a **Negative Vetting 1 (NV1) Security Clearance** required upon commencement.

Demonstrated ability to research in the field of computational Intelligence.

Knowledge of, and experience in, one or more of the following areas:
- Computational intelligence for information systems and applications.
- Context-aware information management techniques.
- Tactical network information management protocols and techniques.