



POSITION DESCRIPTION

Position:	Link Software Engineer – Defence Operations Australia
Reports To:	Link Software Team Leader
Supervises:	Not Applicable
Location:	Adelaide
Tenure:	Contract
Conditions:	Normal contractor terms and conditions apply
Authority:	<i>Authority limits are defined in the Company Policies and Administrative Procedures (901AAT003).</i>

General Responsibility:	<p>The Link Software Engineer’s main focus will be on the design, development, documentation and testing of Tactical Digital Information Link (TADIL) and Data Fusion software components within Defence Operations in both Australia and Sweden.</p> <p>These activities will be performed under the guidance and direction of the appropriate Group Technical Authority to satisfy the safety, certification and design authority requirements of the company and the naval technical regulatory framework.</p>
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Specific Areas of Responsibility:	<p>The specific areas of responsibility for assigned tasks will include, but not be limited to, the following:</p> <ul style="list-style-type: none">• Participate in the development and maintenance of the ANZAC and LHD variants of TADIL and Data Fusion components and the resolution of the associated System Performance Reports (SPRs) both internally and with Defence Operations Sweden if necessary.• Develop a detailed understanding of the operational use of TADILs as part of the ANZAC and LHD Combat Management Systems.• Develop an understanding of the operational use of TADILs as part of a NATO Combat Management System.• Provide estimates to the team schedule, and notify of any schedule variance to the Link Team Leader.• Facilitate user workshops and internal reviews as necessary.• Status assigned scheduled tasks to the Link Software Team Leader.• Produce all artefacts required for deliverables and internal reviews.• Develop and maintain good working relationships with internal and external stakeholders including Defence Operations Sweden,
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Design team, Integration team, Combat System Integration team, Test team and Integrated Logistics Support team.

- Comply with Company policies, processes and instructions, including those relating to equal opportunity, safety, duty of care and the quality management system.

Customer Contacts

- *Internal* – Link Software Team Leader, Software teams (in particular the C3 Software Team), System Design team, Integration team, Combat System Integration team and the Integrated Logistics Support team.
- *External* – Customer representatives, end users and other stakeholders.

Qualifications and Experience:

Essential

- Tertiary qualifications in systems engineering, computer science, or related technical discipline.
- Experience in *several* of the following areas:
 - Ada83;
 - Real time systems / software;
 - Object Oriented (OO) development and prototyping;
 - Combat Management Systems; and
 - Software Configuration Management Tools.
- Experience in producing and reviewing technical documentation.
- Experience working within a team environment.

Desirable

- Experience in Ada95 and/or Ada05.
- A genuine interest in, and appreciation of, the significance of Data Links in the context of a Combat Managements System.
- Development experience with Link 11, Link 16 or VMF TADILs.
- Experience with the Saab 9LV Combat Management System.
- Understanding of the lifecycles of defence projects.
- Experience with Telelogic® DOORS®, GNAT Programming Studio, IBM® Rational® ClearCase® and IBM® Rational® Clearquest®.
- Experience in the interpretation and application of military standards.

Personal Qualities:

- Well-developed communication skills (both written and oral).
- Ability to work with others in a team environment, including sharing knowledge and experiences.
- Ability to plan, schedule, prioritize tasks and to meet deadlines.

- Ability to work under pressure.
- Good problem solving skills and the ability to develop creative and innovative alternative solutions.
- Ability to adapt to new tasks, technologies, processes and procedures.
- Customer focussed.
- Display behaviours, which reflect company values.

Note: *To comply with Defence Industry security requirements, candidates for the position must be Australian citizens or able to meet citizen eligibility requirements.*