

Position: SETS / Simulation Software Engineer – Defence Operations Australia

Reports To: SETS Software Team Leader – Defence Operations Australia

Supervises: Not Applicable

Location: Adelaide

Tenure: Contract

Conditions: Normal contractor terms and conditions apply

Authority: *Authority limits are defined in the Company Policies and Administrative Procedures (901AAT003).*

**General
Responsibility:**

The Software Engineer's main focus will be on the design, development, documentation and testing of the Saab Emulation Training System and Simulation software components within the Operations Division Australia.

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.

**Specific Areas of
Responsibility:**

The specific areas of responsibility for assigned tasks will include, but not be limited to, the following:

- Participate in the development and maintenance of the ANZAC variant of the Saab Emulation Training System Link components and the resolution of associated System Problem Reports (SPRs).
 - Participate in the development and maintenance of equipment Simulators associated with the ANZAC and LHD variants of the 9LV Combat Management System (CMS) and the resolution of associated System Problem Reports (SPRs).
 - Develop a detailed understanding of the operational use of the use of the ANZAC and LHD Combat Management Systems (CMS).
 - Provide estimates to the team schedule, and notify of any schedule variance to the SETS Team Leader.
 - Facilitate user workshops and internal reviews as necessary.
 - Status assigned scheduled tasks to the SETS 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, 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* – SETS Software Team Leader, Software teams, 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:
 - C++;
 - 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 Ada.
- A genuine interest in, and appreciation of, the significance of Training and Simulators in the context of a CMS.
- 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.*