

## Position Description

*All candidates for this position must be Australian citizens or able to meet eligibility criteria. DoD security requirements apply. General conditions of employment are documented in the People Management Manual (000AAL011)*

<b>Position Title (in full)</b>	Software Integration Engineer		
<b>Division (Corporate, Air/Land or Naval)</b>	Defence Operations		
<b>Line report</b>	Software Line Manager	<b>Direct report</b>	Software Integration Manager
<b>Location</b>	Adelaide	<b>Supervises</b>	Nil
<b>Budget</b>		<b>Tenure</b>	Full-time
<b>Delegations /Authorities</b>	Authority limits and descriptions available in Delegation of Authority (000AAT206)		

### Purpose

The Software Integration Engineer, as part of the functional Integration Team, provides expertise in configuring, integrating, testing, and delivering software components for Projects as well as supporting integration of new equipment and systems.

### Key Responsibilities/Duties

- Integration of software components into system software configuration
- Maintenance of system software configurations across multiple projects
- Evaluation of Commercial Off The Shelf products
- Co-ordination and performance of testing:
  - Informal system testing
  - Formal system testing
  - Problem Report Verification
  - Conduct of and support to Test Readiness Reviews
- Preparation of test documentation
- Analysis and correction of system issues
- Maintenance of the Software Integration environment:
  - Processes
  - Procedures/Work-Instructions
  - Tools
  - Testbeds and application kits
  - Operating System and drivers
- Preparation and installation of demonstration software installations (including both software and hardware aspects)
- Provision of support to the Software Manager and Software Development Teams
- Provision of support to the Test and Acceptance functional Team and other functional Teams as required
- Provision of assistance to the Integration Manager in the planning and management of Integration activities
- Installation and set-to-work of software releases aboard ships as well as other remote locations and test sites
- Assistance and support with integration of new equipment into test sites

### Key Responsibilities/Duties

- Comply with legislation and Company policies, processes and instructions, including those relating to non-discrimination, safety and duty of care and the quality management system
- Perform other duties as assigned

### Qualifications/experience

- Essential**
- Formal Qualifications in either Computer Science or Engineering
  - At least three years (combined) experience in the following areas:
    - Software Integration in a formal environment
    - Software Configuration Management Tools
  - Demonstrated ability to work in a team environment and to foster cooperation within and between teams
  - Australian citizen or able to meet citizen eligibility requirements to comply with Defence Industry security requirements

- Desirable**
- Experience with integration of software and hardware in Microsoft Windows™ environments
  - Experience with Rational ClearCase or similar Configuration Management tools.
  - Experience with integration of Commercial Off The Shelf or Military Off The Shelf components
  - VB/C/C++/C#/Java software integration and/or development experience
  - Experience working to military standards or commercial standards such as EIA-632 or MIL-STD-498
  - Experience working within an ISO9001 QMS

### Skills

- Lateral systems thinking and problem solving
- Excellent interpersonal and written communication skills

### Competencies

- Ability to work with others in a team environment, including sharing knowledge and experiences
- Ability to plan, schedule, prioritise tasks and to meet deadlines
- Ability to adapt to new tasks, technologies, processes and procedures
- Ability to work under pressure

### Personal attributes

- Self-motivated
- Attention to detail

**Personal attributes**

- Shows respect for others
- Customer focused
- Interested in career development and accepting new responsibilities
- Display behaviors that reflect company values