

POSITION DESCRIPTION

Position Title:	V&V Engineer		
Business Unit:	Engineering		
Department:	Engineering		
Function:	Systems Engineering		
Reports to:	V&V Manager		
Security level required:	NV1	ITAR designated:	Yes

Direct Reports:	Key Relationships: (Internal/ External)
Nil	<p>Internal: Functional/Project Managers and Engineering Managers, Systems Engineers, Software Testers, Other Engineering Staff, ILS staff</p> <p>External: Customer Project and Technical Staff, subcontractor engineering staff</p>
Budget:	
Nil	

The Company:	<p>Elbit Systems of Australia Pty Ltd (ELSA) is a growing presence in the defence and law enforcement industries in Australia. A subsidiary of Elbit Systems Ltd, ELSA develops state of the art technologies and integrates them into the Australian market. ELSA's main business is Systems Integration for the Australian Defence Force (ADF), with an emerging presence in the law enforcement, intelligence and cyber markets.</p>
Your mission:	<p>Provide overarching Verification and Validation services to projects from the initiation stage planning, followed by development of the verification and validation tasks, through to finalisation of the Verification and Validation reports. Shape the requirements, design, integration and verification of system of systems within a dynamic, multinational company providing cutting edge technology to the Australian Defence Forces.</p>

Core Responsibilities:	Key Tasks:	Expected Results:
Verification and Validation activities	<ul style="list-style-type: none"> • Support the development and maintenance of V&V plans • Develop and reviewing VCRM for full requirement traceability • Responsible for the design and execution of software Verification and Validation test procedures. • Use test environment and internal/external automatic testing tools to ensure that software requirements are implemented correctly. • Develop test reports in accordance with V&V plans and customer requirements • Document all test failures and observations 	<ul style="list-style-type: none"> • Delivering against commitments of time, cost and quality • Documentation and testing completed fully supporting the project V&V program

	<ul style="list-style-type: none"> • Travel to customer sites in order to run tests in real environment • Working within a recognised systems engineering framework based on standards such as SCRUM 	
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Occupational / Work Health & Safety Responsibilities:		
<ul style="list-style-type: none"> • Take reasonable care to ensure personal safety and health and that of others in the work place • Observe all safe working practices and use personal protective equipment as required • Report and maintain recording of ALL accidents, incidents and hazardous situations • Promote and maintain ELSA values; Customer Focus; Employee Excellence; Innovation and Creativity; Teamwork; Accountability ; Ethical Conduct 		

Training & Qualifications:	
Essential: <ul style="list-style-type: none"> • Tertiary qualification in Engineering or Systems analysis 	Desirable: <ul style="list-style-type: none"> • Software development background • Vehicle platform integration background • Communication systems background • IT certification.

Work Experience & Industry Knowledge:	
Essential: <ul style="list-style-type: none"> • 3+ years' of Systems Engineering lifecycle experience • Testing, evaluation, verification and validation (V&V) activities • Writing and maintaining test plans for large scale, multidiscipline projects • Developing test procedures, V&V analysis reports and test reports • Requirements management and resolving requirement ambiguity • Integration of software intensive systems • Use of a requirements management toolset • Experience with system engineering documentation, including: <ul style="list-style-type: none"> ○ Verification and Validation Plans ○ Acceptance Test Plans, Procedures and Reports ○ Requirement Traceability Matrices, VCRM ○ Engineering Change Proposals/Orders ○ Microsoft Office Suite (Word, Excel, PowerPoint) 	Desirable: <ul style="list-style-type: none"> • Defence systems engineering within a technical regulation framework • Land System Projects • Communications and electronics testing, including E3 testing • Systems Integration across domains • Military operations (HMI design, human factors aspects, C4I experience) • Human Machine Interface (HMI) design • Resolving physical and electrical interface design issues • Network and systems topology • Principles of Configuration Management and its application • Application of Systems Safety • Experience in DOORS DXL Scripting Language. • Software test automation experience with use of such tools (e.g. Eggplant, HPQC, Ranorex, Selenium) • Experience with native windows apps and web apps

Competencies & Skills:	
Essential: <ul style="list-style-type: none">• Dedicated and goal driven• Working across multiple engineering disciplines• Strong written and verbal interpersonal communication ability• Understanding of systems engineering concepts and practises• Presentation ability (customer facing)	Desirable: <ul style="list-style-type: none">• Experience with requirements Management Tools (DOORS preferred), Configuration Management Tools, Quality Center

EMPLOYEE:

Name: _____ Signature: _____ Date: _____

MANAGER:

Name: _____ Signature: _____ Date: _____