Job Description

Job title:	Senior Solution Architect
Grade:	P3
Division:	EWOS
Reports to: *(job title)*	Principal Solutions Architect

JOB PURPOSE
Responsible in the creation of outstanding less complex technical solutions for MASS proposals
KEY DUTIES AND RESPONSIBILITIES

- Responsible for the following tasks under supervision of Principal engineers for complex tasks only;
  o Technical solution production at the bid stage
  o Technical solutions detailed in work and product breakdown structures at bid stage
  o Production of engineering management plans
  o Production of sub-contractors SOR / SOW (as required) to support solution delivery
  o Production of use cases that support bid storyboards
  o Identify appropriate tools and processes that support SA delivery and reduce engineering overhead
- Responsible for the following tasks under supervision on complex programs;
  o Provision of requirements analysis on assigned projects
  o Provision of requirements management on assigned projects
  o Production of sub system requirement specifications
  o Production of internal functional and non-functional requirements to enable detailed design
  o Production of top-level design and documentation on assigned projects
  o Production of design documentation for Design Reviews
  o Ensuring that solutions are ready to enter design reviews (PDR and CDR)
  o Provision of product owner input into review boards
  o Solutions are ready for review with SA work finalised including but not limited to PDR, CDR, FAT and SAT
  o Ensuring SA tasks are correctly booked and managed in support of the Project Manager
  o Supporting the Software Lead and Test manager with acceptance criteria for each tool requirement
  o Manage the acceptance of the solution internally in MASS and externally to the customer
  o Ensuring toolset roadmaps are produced and maintained

DISCLAIMER: This is not necessarily an exhaustive list of all responsibilities, duties, skills, efforts, requirements or working conditions associated with the job While this is intended to be an accurate reflection of the current job, management reserves the right to revise the job or to require that other or different tasks be performed as assigned

- Communicate with BD and Tech Sales to ensure customer input is included in toolset roadmaps
- Support the production and maintenance of a roadmap when allocated responsibility for a toolset
- Communicating system designs to the Technical Head
- Management and supervision of small technical teams as required
- Mentoring of junior engineers

- Undertake other tasks to support the engineering team where required

- Comply with Company policies and procedures (including the Business Management System)

- Adhere to the MASS values.

COMPETENCIES

Job Functional Knowledge

- Requires in-depth knowledge of principles and practices in an area of work and basic knowledge of other related areas
- Solves relatively complex problems
- Works independently receiving minimal guidance
- May lead projects or have accountability for on-going initiatives
- Acts as a resource for less experienced colleagues

Job-Functional Knowledge

- Requires in-depth conceptual practical knowledge in own knowledge area and basic knowledge of related areas of work

Business Expertise

- Has knowledge of best practices and how own area integrates with others; is aware of MASS's competition and the factors that differentiate them in the market

Leadership

- Acts as a resource for colleagues with less experience

Problem Solving

- Solves complex problems; exercises judgement on the analysis of multiple sources of information

Impact

- Impacts a range of operational, project and service activities within the team and other related teams; works within broad guidelines and policies

Interpersonal Skills

- Explains difficult or sensitive information; works to build consensus

QUALIFICATIONS / EXPERIENCE

Essential:

- Systems Engineering,
- Requirements management
- Test and acceptance of integrated systems
- Full engineering delivery lifecycle

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Desirable:

- Systems modelling
- Knowledge of subject matter
- Degree qualified – seven years' experience

Declaration

"I have received, reviewed and fully understand the above job description. I further understand that I am responsible for the satisfactory execution of the essential functions described therein, under any and all conditions as described":

Name:	
Signature:	
Date:	

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