



## JOB DESCRIPTION

<b>Job Title</b>	<b>Systems Engineer</b>
<b>Reporting To</b>	Head of Systems
<b>Version Number</b>	1.0
<b>Direct Reports</b>	0

### Purpose Of Job

To act as an authority on the architecture of the BEST software and other MNL software products

To provide a source of software design expertise and authority within the systems engineering team

To advise and provide direction on the high level design and software architecture of proposed solutions, identifying consequential impacts on the system specification where appropriate

To participate in the requirements elicitation/clarification phase(s).

To assist in the production and review of appropriate documents during the specification phase of a project (e.g. Project Definition (PDD), Functional Analysis (FA) documents, Solution Analysis (SA) etc.)

To review Solution Analysis documents produced by Development and provide direction on the high level solution approach

To liaise with the Design Authorities within the development team

To liaise with Customers regarding design matters and solutions

To assist Sales and Marketing, as required, in support of Bid production and answering sales' queries

### Key Duties & Responsibilities

To provide design authority on compatibility of proposed solutions with the current architecture of the BEST software and other MNL software products

Ensuring that Customer requirements are translated into FRs which:

- reflect the proposed solution architecture
- provide sufficient information and guidance to the development team

To review Solution Analysis documents to ensure that the proposed solution approach and architecture meets both customer needs and also any identified internal needs

Support Sales and Marketing, as required

Provide system level guidance and technical advice, as required, to Engineering, Test and Customer Support

To comply with the requirements of the company quality management system

To represent MNL during on-site activities (mainly requirements gathering activities and

system design review activities)

To maintain awareness of, and acquire knowledge on, specialist technical topics - as required  
- to support specific project and internal needs

### **Technical Requirements**

Experience and knowledge of BEST system

Experience and knowledge of software architecture, design and development methods

Basic knowledge of ATC environment

### **Education & Experience**

Experience/knowledge of the System and Software Engineering process

Good capability in written English

Good communication skills

<b>Personal Competencies*</b>		
<b>Competency</b>	<b>Level</b>	<b>Descriptor</b>
<b>Working With Data &amp; Information</b>		
<b>Gathering &amp; analysing information</b>	<b>3</b>	<b>Checks and analyses information:</b> Establishes accuracy and relevance of information. Extracts key patterns and trends from information. Identifies links between different sets of information. Simplifies information for interpretation and presentation.
<b>Decision Making</b>	<b>3</b>	<b>Ensure that decisions are made:</b> Seeks buy-in for decisions where appropriate. Makes unpopular decisions where required. Takes responsibility for making decisions where necessary to move forward.
<b>Working With People</b>		
<b>Managing Relationships &amp; Networking</b>	<b>3</b>	<b>Develops relationships:</b> Takes account of the impact of own role on the needs of both internal and external contacts. Identifies and nurtures relationships that contribute to the business.
<b>Teamworking, Coaching &amp; Guiding</b>	<b>2</b>	<b>Is an active team member:</b> Encourages colleagues to contribute in teams. Listens and gives credit to contributions which others make in teams. Shares learning and information with colleagues.
<b>Communicating, Influencing &amp; Networking</b>	<b>3</b>	<b>Influences the thinking of others:</b> Presents relevant and well-reasoned arguments. Presents own points of view with conviction. Adapts and develops arguments to achieve results required.
<b>Achieving Results</b>		
<b>Planning &amp; Organising</b>	<b>3</b>	<b>Plans to meet departmental objectives:</b> Accurately estimates resources to achieve plans. Builds alternative actions into plans to deal with likely contingencies. Communicates plans to relevant people.
<b>Deadline Management</b>	<b>3</b>	<b>Takes responsibility for tasks:</b> Takes responsibility to ensure commitments are met. Regularly reviews progress of tasks.

		Keeps people informed of progress on key tasks. Evaluates completed tasks.
<b>Objective Setting</b>	<b>3</b>	<b>Sets responsibilities:</b> Identifies and sets clear objectives. Establishes success and measurement criteria. Enrols the support of others in achieving objectives. Reviews and adapts objectives to meet changing needs.
<b>Developing The Business</b>		
<b>Generating &amp; Building On New Ideas</b>	<b>3</b>	<b>Develops ideas into solutions:</b> Develops new processes or practices to accommodate new ideas. Assesses feasibility of ideas for the business. Promotes leading ideas with energy and enthusiasm.
<b>Personal Development</b>	<b>2</b>	<b>Develops self:</b> Builds own knowledge of the organisation, its people and services. Seeks opportunities to develop own skills. Accepts feedback constructively, regularly reviews and updates personal development plans.

<b>Corporate Competencies</b>		
<b>Competency</b>	<b>Level</b>	<b>Descriptor</b>
<b>Customer Focussed</b>	<b>3</b>	<b>Proactively exceeds customer requirements:</b> Exceeds customer requirements by proactively addressing their needs. Keeps management informed of changes in customer requirements.
<b>Innovative</b>	<b>2</b>	<b>Adapts existing solutions:</b> Identifies and applies existing solutions that have not been used previously in the existing environment. Highlights additional requirements and proposes innovative solutions.
<b>Flexible</b>	<b>3</b>	<b>Seeks flexible options for colleagues and customers:</b> Thinks broadly and applies solutions to a wide range of situations.
<b>Co-operative</b>	<b>4</b>	<b>Co-operates with suppliers, customers and colleagues:</b> Seeks and applies win/win opportunities for their own products and for the business as a

		whole.
<b>Integrity</b>	<b>3</b>	<b>Demonstrates integrity across the business:</b> Identifies and promotes opportunities that will be of benefit to both the company and the customers. Ensures that the company is represented to customers and suppliers in an ethical manner.

\* Competency Framework Version 1.0