Air Traffic Management (ATM) System Engineer - Singapore

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Company: Egis

Location: Spain

Category: other-general

General information

Organisation

Egis is an international player active in the consulting, construction engineering and mobility service sectors.

We design and operate intelligent infrastructure and buildings capable of responding to the climate emergency and helping to achieve more balanced, sustainable and resilient territorial development.

With operations in countries, Egis places the expertise of its 18, employees at the disposal of its clients and develops cutting-edge innovation accessible to all projects.

Improving people's quality of life and supporting communities in their social and economic development, whilst drastically reducing carbon emissions and achieving vital net zero targets, that's our purpose.

Reference

Position description

Job title

Air Traffic Management (ATM) System Engineer - Singapore

Contract type

Permanent contract

Business Line specific context

Within the Aviation domain, Egis has already several Air Traffic Management projects on-

going in the Asia Pacific region and wants to have more. It is within this context that we are looking to reinforce our team with centralised Asia competency center based in Singapore.

Job description

You will be in charge of supporting our customers in the overall design of complex safety critical systems, writing requirements for those systems depending on our customers needs, as well as performing client facing activities. This role will require good knowledge in ATM systems/architecture, as well as system engineering. It will also imply interacting with multiple stakeholders to contribute to the development of both current and future Air Traffic Management systems.

Key Responsibilities

High level system design to meet customer business and operational needs,

Requirements specification,

Design and implementation of verification and validation activities,

Review and validation of any data provided by suppliers and validation of data in support of the safety arguments,

Support regulatory approvals and certification activity,

Support audits carried out by the quality assurance team,

Liaising with clients and the realisation of the customers objectives.

Profile

Education and Training

A bachelors degree in Engineering Science or above awarded by a tertiary institution in any part of the world or equivalent;

Knowledge of Microsoft Office Suite (Word, Excel, Power Point, Project, Outlook, Teams, SharePoint);

Excellent command of written and spoken English.

Experience

At least 3 - 6 years of post qualification experience in the field of systems engineering.

A proven experience in system design, system engineering or software engineering, ideally applied to the Air Traffic Management sector.

A good overall understanding of key benefits and weaknesses of different technical design options and a good, broad understanding of technology architecture and design options.

Ability to understand customer interaction, needs and operations, and how these translate into requirements and design for assistance.

A proven track record of working on a complex program.

Position location

Job location

Europe, Spain

City

Madrid

Candidate criteria

Minimum level of education required

6-Engineers degree

Minimum level of experience required

2-5 years

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