

Applications Software Engineer (DE/EUM/12005)

Context

This vacancy note concerns an on-site consulting position at EUMETSAT in Darmstadt, Germany.

Job Description

As a member of the MSG applications support team, the Consultant shall support software development of applications on the Central Facility, primarily a distributed client server configuration supporting software configurations for the spacecraft and ground segment monitoring and control system.

Duties shall range from software development in a mixed Windows and Unix environment, from fixing problems and engineering changes, technical support to the continuous operation of the system, including analysis, investigation and resolution with creation of appropriate documentation.

Required Skills/Experience

In addition to having a University degree (or equivalent) in a relevant engineering discipline, the consultant shall demonstrate significant experience in the area of software development. The consultant shall have skills and experience in software development with the following mandatory areas:

- Significant work experience in a 24/7 operational environment characterised by high availability requirements, Working in a software maintenance and development team in the framework of software projects resulting in deliveries to customers
- Proven knowledge of typical requirements allocated to monitoring and control functions for space missions including telemetry and telecommand chains, mission planning, automation (schedule and procedure execution), flight dynamics, operations preparation, post analysis, etc.
- Knowledge of space related TM and TC standards
- Experience developing application software for monitoring and control functions
- At least 5 years of proven life cycle based software development using both C++ and Java
- Software development using Windows and Unix platforms, Microsoft Visual C++ IDE, SQL and relational database management systems
- Software development using Version Control Systems, SVN or CVS
- Understanding of operational concepts and experience with configuration management and change control
- Understanding of the verification and validation process and experience of supporting testing campaigns
- Experience with upgrading and migrating operating system and software applications
- For the purpose of documentation, a good knowledge of the MS Windows Office Suite of applications
- The variety of the tasks and the scope of the systems to be supported require a high degree of independence and autonomy, excellent analytical skills, effectiveness within a small team, good presentation and communication skills, and adaptation to changing requirements

Desirable Skills

Skills in any of the following areas would be considered as an advantage:

- Experience with ESA/ESOC mission control products, for example, SCOS-2000, NIS, SIMSAT
- Spacecraft simulation environments and systems
- Experience with CORBA based technologies
- Software development using Eclipse IDE
Programming with XML, GUI toolkit and data graphical analysis tools

Work Locations

Darmstadt, Germany

Dates

Application deadline: 20/02/2012

Important Notes

Before applying to this position, please read the page Notes to Applicants on the Solenix website under the menu Career.

Applicants must be nationals or have a valid work and residence permit in Germany. Security, identity and reference checks on the candidates are part of the recruitment process.

Please send your application electronically to career@solenix.ch

About Solenix

Solenix is specialized in the provision of high-quality software engineering, technical consulting and operations services in the aerospace domain.

Our team consists of highly skilled, motivated people, driven by the goal to deliver innovative solutions and high-quality services.

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