

## Meteorological Product Support Engineering (product services) Consultancy (DE/EUM/12007)

### Context

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

### Job Description

The tasks of the Consultant will generally include:

- Design, implementation, and validation of new algorithms and tools for reading and encoding of satellite products in various data formats (native formats, WMO formats like BUFR and GRIB, netCDF, HDF ...)
- Documentation of changes related to implemented updates
- Preparation of technical notes and user information documents on product formats
- Maintenance and update of product generation monitoring and reporting software
- Investigation and resolution of anomalies related to product processing and product formatting

### Required Skills/Experience

In addition to having a University degree (or equivalent) in a relevant discipline such as computer science, physics, mathematics or remote sensing, the Consultant shall have a minimum of 3 years' experience of operational processing of satellite or meteorological data.

Specifically the Consultant shall have experience in:

- Development of **operational** software using Fortran, C and C++ in a UNIX environment
- Application of scientific and operational data formats (e.g. BUFR, netCDF, HDF, GRIB, XML)
- Configuration control of software and data
- Implementation of software from a given specification
- Ability to work effectively in a team
- Good communication skills

The Consultant shall be able to conduct all activities in an orderly and structured manner, shall be able to work calmly and correctly under stress and must be able to work with a minimum of supervision.

### Desirable Skills

Furthermore, experience of working in the following would be an advantage:

- Processing of meteorological data
- Script programming languages (shells, PYTHON, PERL, ...)
- Operational environments
- Visualization/prototyping tools such as IDL or Matlab
- Calibration and validation of satellite data

### Work Locations

Darmstadt, Germany

### Dates

Application deadline: 22/02/2012

### 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](mailto: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.

### Contact

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