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System Requirements Engineering

Description

WGS Workgroup Solutions GmbH is looking for a System Requirement Engineer to join our Engineering Team for our customer, EUSPA. The service will be provided at GSC and at GSMC Spain with 3 days a month at EUSPA HQ in Czech Republic.

The candidate/consultant will manage system requirements engineering for EUSPA developments, such as Galileo, EGNOS, GOVSATCOM, and other EU Space Programme components. This includes handling UNCLASSIFIED (UNCLA) and CLASSIFIED (CLA) requirements throughout their lifecycle, ensuring proper interpretation, allocation, and traceability of high-level to lower-level specifications.

Responsibilities

- Analyse and validate input service/mission/security requirements.
- Define and allocate lower-level functional, performance, and non-functional requirements.
- Requirement maintenance including higher level requirements evolutions and follow up of RFDs/RFWs generated during the infrastructure development and qualification.
- Maintain requirement traceability and compliance status across design and implementation phases.
- Changes initiated by the needs of improving Service/System/Security availability/continuity following lesson learnt from REX (RAMS analyses, major anomalies, system robustness analyses and resilience tests)
- Address changes due to new requirements, system improvements, or obsolescence issues.
- Evolutions required to address specific obsolescence issues, enhance system operability for service provision, and improve infrastructure security, such as increased robustness to penetration tests
- Ensure all outputs are reviewed and approved before procurement.

Tools & Deliverables:

- Use DOORS to manage requirement baselines and traceability.
- Provide justification files, traceability matrices, and verification method (i.e. under procurement, confirmed by design at PDRs/CDRs, produce traceability and SoC controlled)
- Deliver delta analyses and formal document updates for system evolutions.

Qualifications

The Key Person shall have the following experience and background:

- Educational background in Engineering, Computer Science, or a related discipline, with a strong focus on system or requirements engineering.
- Proven experience in system requirements engineering for complex systems, preferably within space programs such as Galileo, EGNOS, or GOVSATCOM.
- Proficiency in managing both classified (CLA) and unclassified (UNCLA)

Hiring organization

WGS Workgroup Solutions GmbH

Job Location

Czech Republic

Date posted

December 31, 2024

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requirements.

- Hands-on experience with requirements management tools, particularly DOORS.
- Expertise in the full lifecycle of requirements management, including analysis, definition, allocation, and traceability.
- Ability to define functional, performance, and non-functional requirements and manage their evolution.
- Experience in handling changes related to system/service/security needs, obsolescence issues, or operability improvements.
- Understanding of verification methods and milestones, including PDRs and CDRs.
- Proficiency in English is mandatory, with additional language skills aligned with the Common European Framework of Reference for Languages (CEFR) to be indicated in the CV.
- Strong analytical and problem-solving skills to review and synthesize high-level requirements, resolve ambiguities, and conduct impact analysis.
- Excellent communication and collaboration skills to interact with stakeholders, prepare concise documentation, and contribute to design and evaluation processes.
- Knowledge of security aspects related to system requirements and infrastructure improvements.
- Flexibility to handle delta functional and architecture analyses for evolving systems.
- Familiarity with EU Space Programme components and regulatory frameworks is an advantage.

Contacts

Interested applicants should submit their CV and Cover Letter in **Word** (*.docx) or in **PDF** (*.pdf) format from the website or by emailing the WGS recruitment team at ***vacancies@workgroup-solutions.com*** before **31.01.2025**.