



Systems Engineer

Background:

Réaltra Space Systems Engineering deliver high-performance electronic units and avionics systems for world-leading space companies. Our activities include launcher cameras and avionics for Ariane 6 and the payload interface unit for ESA's PLATO mission. We do exciting space projects and build innovative space products in a collaborative and supportive environment. We are proud supporters of the Irish space sector. Réaltra are now increasing our team to address the growing demand from the global space commercial and institutional sectors. If you are driven to do ambitious projects in space, we want to hear from you.

Position Overview:

Réaltra is looking for hands-on Systems Engineers for space projects with experience to develop innovative avionics systems for space applications. The role will involve leading feasibility assessments; design, development, test, qualification and validation activities; managing manufacturing; delivery of documentation and support to customer reviews. The ideal candidate for this role in Réaltra will have an interest in creative avionics systems design and be willing to work on all the technical aspects of a project throughout the development cycle.

The successful candidate will demonstrate initiative and problem-solving capability to continuously pursue successful outcomes. They must have a strong willingness to learn and both be open to receiving and making technical, project or company-related suggestions in a supportive way. The role will require excellent communications skills to interface with the customers' technical teams, internal departments and external suppliers. The candidate will ideally have some experience in the development of systems operating in the space environment or in a highly regulated technology-based industry. Familiarity with camera systems will be an advantage but is not compulsory. The new Systems Engineer space projects will have responsibility and authority to complete their assigned tasks in order to deliver technical solutions, sometimes within tight constraints on schedule or budget. All staff are supported in their personal development, training and career goals.

Position Responsibilities:

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- Lead the review & analysis of customer's requirements leading to a requirements definition
- Complete designs and coordinate manufacture both internally and with external suppliers
- Develop and execute functional and environmental qualification and acceptance tests
- Create relevant technical, planning and reporting documentation as required
- Provide occasional support to development of proposals
- Support continuous improvement of system engineering company processes
- Provide inputs to schedules & budgets to manage programme technical and cost risks
- Take opportunities to improve your technical and soft skills
- Support open and collaborative engineering culture



Minimum Requirements:

- Honours Degree in a relevant STEM subject or equivalent combination of education and experience
- Professional level fluency in speaking, reading & writing in the English language is mandatory for this role.
- 3 years' experience in the development of systems operating in the space environment or in a highly regulated technology-based industry.
- Strong willingness to learn and both be open to receiving and making technical, project or company-related suggestions in a supportive way.

Competencies and Skills:

- Hands-on
- Communication
- Delivers project goals
- Initiative
- Creativity
- Supportive and Collaborative
- Growth Mindset

At Réaltra, we are committed to building an inclusive, diverse, and collaborative team. We believe that a wide variety of perspectives drives creative solutions and strengthens our projects. We welcome applications from all talented individuals who share our passion for innovation in the space industry.

Salary: Negotiable

Closing Date: 7th February 2025

Contact: Please forward any enquiries related to this position to:
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