

Electronics 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 Electronic Systems Engineers with experience to develop innovative avionic systems for space applications. The role will involve leading feasibility assessments, design, development, test, qualification and validation activities, delivery of documentation and support to customer reviews interfacing with the customers' technical teams, internal departments and external suppliers. The ideal candidate for this role in Réaltra is creative and detail-oriented and will have good experience in electronic systems design, be willing to work on all the technical aspects of a project throughout the development cycle and value other's contributions. All staff will be supported in their personal development, training and career goals. Hybrid working can be agreed after an initial period.

Position Responsibilities:

- Participate in a dynamic engineering team to produce innovative solutions for customers
- Review & analyse customer's requirements leading to a requirements definition for electronic components, units or subsystems
- Be responsible for electronic unit and subsystem designs
- Coordinate of manufacture and build of electronic units and subsystems
- Responsibility and authority to develop and execute engineering, qualification and acceptance tests on space electronic units and subsystems
- Create relevant technical, planning and reporting documentation as required
- Provide occasional support to development of proposals
- Occasional project management of electronic-engineering related projects
- Take opportunities to improve your technical and soft skills
- Support the open and collaborative engineering culture in Réaltra

Minimum Requirements:

- Honours Degree in a relevant STEM subject.
- 5 years' experience in space environment or in a highly regulated technology-based industry
- Professional level fluency in speaking, reading & writing in the English.
- Strong willingness to learn and both be open to receiving and making technical, project or company-related suggestions in a supportive way.
- Experience working within tight schedule constraints



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:
Dr Ronan Wall, Réaltra Space Engineering Division, Realtime Technologies Ltd.
Email: rwall@realtra.space