

Product Lifecycle Manager – Ref. EMTDPLM

THE COMPANY

EmTDLab is a company founded in 2018 with the vision to advance the future of space exploration. Effective shielding against space radiation remains one of the most challenging concerns of space missions, from satellite on-board systems to deep space human flight. Our goal is to participate in the discovery of entirely new materials for space radiation shielding. Our engineering services and product will soon complement the technologies deployed by the largest and most ambitious aerospace companies. To do so, EmTDLab has developed a novel proprietary method to identify new advanced materials with optimal radiation shielding parameters and mechanical properties. Based on the support of the European Space Agency, EmTDLab aims to actively develop the technology to synthesize and manufacture those materials with optimal properties.

THE POSITION

EmTDLab team is looking for a high value individual to drive a multi-track product development. EmTDLab is developing a series of technology tracks from software development to manufactured products. This position will be responsible for the control, monitoring, project management, reporting and roll-out of a multi-track product pipeline as well as the continuous improvement of internal processes. The role also includes Quality Management and Quality Assurance. In this very visible strategic role, you will manage and track projects independently, ensure a holistic end-to-end view, highlight cross functional dependencies, and align R&D with business needs in coordination with stakeholders. The Product Lifecycle Manager reports directly to the CEO/CTO and will interface with internal and external stakeholders.

WHAT WE OFFER

You will be a key member of a new team with opportunities to have a direct influence in shaping the future of the company. Your opinion matters. EmTDLab company approach is to be a no-nonsense organisation with a highly systematic approach to research, development, and engineering. Also, without challenging the status quo or without sometimes being a contrarian, EmTDLab would have never been born.

EmTDLab promotes a work culture driven by technical excellence, transparency, integrity, respect, and humour. We encourage diversity in backgrounds. Your appetite for creativity, innovation, intellectual curiosity will be satisfied daily. Being convinced that cross-functional collaboration is a key success factor, the human capital development policy is not to assign you in a fixed role but to encourage personal development.

We work according to flexible organisational principles with respect to work location, working hours and contractual agreements (e.g. part-time work and full-time work). We expect that each team member fulfils both her/ his professional and personal objectives as a part of the company's objective.

We although expect that we all work as professionals and that we all respect common sense business logic, commonly agreed research practices, quality assurance and quality control.

We are an open-door policy company where team communication is considered as critical for success.

We offer a remuneration package in line with the market price, including a yearly bonus, 13th month, meal voucher and paid training opportunities. The working environment is highly stimulating and offers a variety of work setting configuration: open office, shared co-working space, individual working booths, meeting rooms.

The main place of work (headquarter) is Belval, Esch-sur-Alzette, Luxembourg.

SCOPE OF RESPONSIBILITIES

- Establish a clear methodology and structure to support long- range planning and align a proper governance structure, while ensuring new process design is under way to support simplification, automation, and consolidation to articulate the appropriate model and design that fits industry best practices.
- Tracks, coordinates, and communicates end-to-end project schedules (e.g., epics, sprint/semester plans, milestones, timelines, releases)
- Product Management: actively manage the realization of the product development plan: Allocate work among the team in logical and efficient manner; ensures proper communication.
- Project Management: oversee and manage the entire project lifecycle, ensuring deliverables are achieved within scope, time, and budget constraints: Create detailed timeline and budget; Define key milestones and deliverables.
- Quality Management and Assurance: Implement and oversee quality management systems and processes to ensure product quality and compliance with relevant standards and regulations.
- Consolidation of SW devpt., reporting technical and QA/QC documentation.
- Pro-actively and intuitively identify potential bottlenecks, develop alternative scenarios, focus on meeting the overall timeline.
- Prepare, present, and debrief on external reporting towards third party agencies.
- Actively measure progress against planning and budget on a weekly, or, if needed, daily basis; quickly adapt as needed
- Workshops & Meetings: You'll prepare and host project meetings and workshops to work efficiently. You also contribute to steering meetings with our senior management to get direction on open decisions and questions.
 - Drive operational excellence.
 - Manage system inter-dependencies.
 - Manage priorities between projects.
 - Escalate issues timely when required.

The scope and description of responsibilities will evolve according to the internal process and product development lifecycle.

Key interfaces part of the responsibility

- Senior Management: CEO/CTO, CFO, Legal & IP
- Software Development
- Radiation Engineering
- Computational Chemistry
- Computational Mechanics
- Outsourced Manufacturing
- Technical Sales
- R&D Collaborations
- Third Party Agencies

EDUCATION & EXPERIENCE

- Bachelor's or master's degree in business administration, supply chain or operations management, process and/or project management or similar
 - Bachelor's degree with 5 years of experience in engineering, product/technical program management, or product development
 - Master's degree preferred with 3 years if similar experience
- Verifiable experience in a product lifecycle management or consultant role
- Verifiable experience managing cross-functional and/or cross-team projects.
- Verifiable experience in program/project/product management in high-tech industries.
- Fundamental knowledge and practice of business management
- Proficiency in MS Office 365 applications, Word, Excel, PowerPoint, and Outlook.
- Proficiency in project management software
- Proficiency in software development tools: Jira, Confluence
- Fluent in English, other languages such as German, Dutch, French and Italian are an asset

APPLICATION PROCESS

Please send an up-to-date resume to jointheteam@emtdlab.com coupled with an application letter answering the question "*why our key company approach is important in this role*".

The name of at least two references (MSc-PhD supervisors/current employers) is required.

Diploma & copies of educational certificates will be asked during the process.

Additional publications, non-confidential papers and previous technical use cases are welcomed and will be considered in the evaluation process.

A short-list of candidates will be made, then will be contacted for a first interview over videoconferencing.

Three rounds of interview will take place in total, either through videoconferencing or face-to-face.

Diversity and Inclusion

Candidates from any third-country national (a person who is not an EEA national – i.e. from an EU Member State, Iceland, Norway and Liechtenstein – or a Swiss Confederation national) space are encouraged to apply under a residency permit application. Foreign nationals currently holding a valid work permit in Luxembourg are also highly encouraged to apply.

EmTDLab is an Equal Opportunity Employer that values and respects the importance of a diverse and inclusive workforce. It is the policy of the company to recruit, hire, train and promote persons in all job titles without regard to race, colour, religion, sex, age, national origin, health status, disability, sexual orientation, or gender identity. We recognize that diversity and inclusion is a driving force in the success of our company.

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