

TPL: TECHNICAL PROJECT LEADER

Descrição da função

The Technical Project Lead is responsible for the success of the project and is leading all development and technical project management activities related to the project in the R&D of Cairo M. In case of projects involving more Continental R&D locations, cooperates with project Core Team

TPL leads the technical planning and tracking of engineering disciplines to achieve a defined degree of maturity within the given time (project milestones) and cost frame (budget) of the development project

She/he plans, drives and coordinates all product engineering activities (requirements, architecture, design, functional simulation and analysis), ensuring feasibility, maturity monitoring, risk mitigation and problem solving, release

Requisitos

Engineering Planning and Tracking:

- Define, plan and coordinate the engineering activities to implement all technical requirements given by the customer and stakeholder, based on State-of-the-Art Systems Engineering approach
- Create / update Work Breakdown Structure (WBS) with all workpackages
- Create / update Schedule acc. to customer and internal milestones
- Estimate the effort and support the cost and budget estimation of the PM

System Engineering and Design:

- Perform and coordinate Stakeholder Request Analysis and Alignment for the relevant requirements
- Perform and Drive Requirements Engineering and
- Drive functional simulations & analyses and consolidate their results
- Request engineering tests and consolidate their results
- Perform and/or drive Functional System Design Definition (incl. concept & solution decision, definition of countermeasures)

Mechanical Component and Detailed Design:

- Drive structural simulations & analyses and consolidate their results
- Drive creation of BOM, proper assembly and component design and manufacturing documents
- Ensure manufacturing feasibility of parts and assembly
- Ensure that platform standards are applied

Integration & Verification Test:

- Ensure traceability of requirements to verification & validation test



Identificação da vaga
REF85147H

Área funcional
Research and Development

Nível de liderança
Leading Self

Modalidade de trabalho
Onsite Job

Contato
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Pessoa jurídica
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cases

- Ensure full requirement coverage
- Support the Project Test Manager in definition of Integration, verification & validation test concept and test cases

Product Maturity and Technical Risk Management:

- Constant Monitoring of the Product Maturity for the ME subsystem
- Support TPL in Technical Risk Management for the ME subsystem
- Identify and prioritize Technical Risks for the ME subsystem
- Define Action and Risk Mitigation Plans, drive and ensure their implementation
- Plan and Drive Design FMEA (ME part) creation, maintenance and review
- Utilize Design FMEA results to define activities for risk mitigation
- Support FMEA of other disciplines (Design FMEA System, Process FMEA)

Engineering Release Management:

- Create and update ME Release Plan acc. to the MLC process
- Drive and ensure Release Preparation and Documentation
- Track and close release action plans
- Present Release Recommendation to Engineering Release Manager

Stakeholder Management and Collaboration R&D internal:

- Built positive relationships with the listed Stakeholders (see "contacts" above) through the appropriate management of their expectations and agreed objectives.
- Collaborate with other project core team members to ensure project targets
- Assign work packages to RD Excellence Teams (incl. limitations & deadlines, inform about project needs and timing)
- Use the resources of the respective RD Excellence teams to ensure the project deliveries
- Drive participation of the RD Excellence team members and experts in the project work
- Constant exchange and alignment with engineering excellence dept. head
- Constant cross-project exchange with other Technical Project Leaders to identify and align strategy on common topics

Conflict and Escalation Management:

- Escalate insufficient support (quality, capacity, processes and tools) of ME design related topics to the Head of Mechanical Engineering
- Escalate conflicts within the core team regarding the trade-off of project and engineering Excellence to RD Management
- Escalate insufficient collaboration of core team members to Head of Application
- Escalate Technical and Project Risks to RD Management

Supplier Management:

- Plan, lead and coordinate all activities at the technical interface with built-to-spec suppliers and built-to-print component suppliers

Special Characteristics:

- Drive SC alignment with the customers and all relevant parties
- Initiate, drive and ensure internal SC process
- Identify and analyze related SCs (including interfaces to system and manufacturing and assembly process)

Change and Claim Management:

- Support PM in change and claim management by delivering all relevant and needed information (ME part)
- Engineering Excellence Strategy and Capacities
- Share information about trends and future needs regarding technologies, regulatories, engineering standards, future projects and needed capacities etc.

Structured Technical Problem Solving:

- Perform and steer Structured Problem Solving
- Be able to explain chain of effects (full responsibility)

O que oferecemos

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Quem somos

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AUMOVIO stands for highly developed electronic products and modern mobility solutions. In addition to its strong market position with innovative sensor solutions, displays, and technologically leading braking and comfort systems, AUMOVIO has significant expertise in software, architecture platforms and assistance systems for the rapidly growing future market of software-defined and autonomous vehicles. Our purpose is clear: to make future mobility safe, exciting, connected, and autonomous.