



Mechanical Engineer

📍 Tubize, 1480 📅 2025-07-01 🏷️ R0292947 ⌚ Full time 📁 Hardware

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Lieu : Tubize, Belgium

We say HI*

***Human Intelligence – Welcome with Team Thales!**

Thales in Belgium is part of an internationally leading technology group in the **defence** and **security**, **aerospace** as well as **digital identity and security** markets. In the face of uncertainties, we ensure that our customers, partners and employees can pursue new paths with confidence. For a future we can all trust.

Say HI* – to your career as

Mechanical Engineer

At the Tubize site

In **Tubize**, you will join more than 250 colleagues recognized by domestic and international partners for expertise on products such as **Radio Frequency (RF) Products**, **Global Solution**, **MACS** (Aeronautical Intercom) and many others.

Today the Group employs **more than 1,000 people across nine sites** in Belgium. Discover all Thales activities in Belgium here (<https://www.thalesgroup.com/en/company/belgium>).

Your mission as Mechanical Engineer

- Design, develop, and modify mechanical components and assemblies using CREO PTC.
- Manage and maintain technical data, documentation, and configurations in Windchill.
- Ensure project compliance with industry standards, specifications, and company guidelines.
- Support product lifecycle processes and continuous improvement initiatives.
- Design and develop electrical harnesses (cabling, routing and electrical integration)
- Create, modify, and validate **3D models and detailed technical drawings** for manufacturing.
- Apply best practices in CAD modeling, GD&T, and drawing standards.
- **Collaborate cross-functionally** with design, manufacturing, and quality teams to ensure project feasibility.
- Manage **design revisions, BOMs (Bill of Materials)**
- Design and develop electrical harnesses (cable routing, connectors, integration into mechanical structures).
- Provide **technical support and documentation** throughout the product development cycle.



We are looking forward to

- **Fluent in French and English** (written and spoken).
- **Proven experience with CREO PTC** (3D modeling, drawing creation, and assembly management).
- Degree in Mechanical Engineering or a related technical field.
- Strong analytical, problem-solving, and critical-thinking skills.
- Excellent communication and teamwork abilities.
- Experience in the **aerospace, railway, or military industry** is a plus.
- Knowledge of **Finite Element Analysis (FEA) tools** for mechanical validation is an asset.
- Understanding of **manufacturing processes** (CNC machining, injection molding, sheet metal, etc.) is a plus.
- Experience with Windchill is a plus.

For our 77,000 employees in 68 countries we open up visionary perspectives, realise individual career paths and enable creative freedom. This is achieved with the firm intention to make the demanding challenges of our time safer and more inclusive. **With our sustainable value-focused management we support diversity**

You can find out more on our Corporate Social Responsibility **here** (<https://www.thalesgroup.com/de/europe/deutschland/corporate-social-responsibility-bei-thales-deutschland>)

Say HI* – Your journey to us

At times of change our international teams are ready to meet the complexity of today with the industry-leading technologies of tomorrow. Will you be part of it? Forward to your online application on our Career portal (<https://careers.thalesgroup.com/global/en/home>).

*Human Intelligence

#LI-BB1

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



- Embedded Hardware Engineer**
(<https://careers.thalesgroup.com/global/en/job/R0290216/Embedded-Hardware-Engineer>)

 Herstal, 4040  2025-06-03  R0290216  Full time  Hardware  Herstal

Within a project / product team, you will be required, in the context of firing systems or smart ammunitions, to specify, design, develop and validate and test electronics hardware and software.
- Industrialization Engineer**
(<https://careers.thalesgroup.com/global/en/job/R0286588/Industrialization-Engineer>)

 Tubize, 1480  2025-04-24  R0286588  Full time  Engineering and Technical Management  Tubize

Industrialization & Project Management: Lead and manage industrial work packages from initiation through to completion, ensuring alignment with project objectives. Develop industrialization strategies...
- Energetic Materials Engineer**
(<https://careers.thalesgroup.com/global/en/job/R0282910/Energetic-Materials-Engineer>)

 Herstal, 4040  2025-04-30  R0282910  Full time  Hardware  Herstal