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Hardware Solution Engineer

📍 Leuven

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Lieu : Leuven, Belgium

Acteur spatial mondialement reconnu dans les domaines des télécommunications, de la navigation, de l'observation de la terre, de l'exploration et de la réalisation d'infrastructures orbitales, Thales Alenia Space est une Joint-Venture entre les groupes Thales (67%) et Leonardo (33%).

Thales Alenia Space Belgium is an expert in several high-technology fields. Indeed, Thales Alenia Space Belgium is the Belgian front-runner in space electronics applications for satellites and launchers, the world leader in power conditioning and distribution for satellites and the principal supplier of electronics for Ariane 5. Thales Alenias Space Belgium, is a company located on 3 sites, one in Charleroi, one in Leuven and the other one in Hasselt (Satellite Photovoltaic Assembly). We offer you the opportunity to work in a company universally renowned for the quality of its products, an attractive and a state-of-the-art technologic activity field, and evolution opportunities within a company in constant growth.

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Electronic Design Engineer/ Hardware Solution Engineer

Function

Within a project / product team, you will be required, in the context of on board space / launcher applications, to define, design, validate and test electronic functions.

Main activities

- Perform electrical specification and system studies
- Design analog and/or digital electronic circuits
- Use of simulation softwares to validate circuits
- Write Reports, Design justifications and various descriptive documents
- Participate to prototypes definition, design and tests
- Perform the design robustness analyses (Margins analysis, Failure Mode analysis, ...)
- Develop the documentation necessary for product industrial-

About Us

THALES

The people we all rely on to make the world go round – they rely on Thales. In a world that is increasingly fast moving, unpredictable – and full of opportunities, they come to us with big ambitions: to make life better, to keep us safer.

Combining a unique diversity of expertise, talents and cultures, our architects design and deliver extraordinary high technology solutions. Solutions that make tomorrow possible, today.

From the bottom of the oceans to the depths of space and cyberspace, we help our customers think smarter and act faster - mastering ever greater complexity and every decisive moment along the way.

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