

Do you want to contribute to make vehicles more environmentally friendly?

About Chassis Brakes International

Chassis Brakes International is one of the world's largest manufacturers of automotive braking solutions. Its products - disk brakes, drum brakes, electro-mechanical parking brakes and rotors - are dedicated to passenger cars and light commercial vehicles.

Chassis Brakes International benefits from a strong expertise gained throughout more than 90 years in the foundation brakes industry under different banners. Since June 2012, the company has been part of KPS Capital Partners, LP portfolio companies.

Chassis Brakes International has a global footprint with operations in Europe, Asia, South Africa, North and South America. The company employs 5,200 people in 16 countries at 13 manufacturing sites and 11 engineering centers or sales offices.

www.chassisbrakes.com

Make vehicle more environment friendly - that's what we stand for.

Our R&D centers in braking technology develop new breakthrough innovation for new lighter and recyclable material. Using the latest testing and simulation technology, low noise and low vibration braking system are offered to our customers anywhere in the world. For the new R&D center based in Eindhoven we are looking for

System Development Engineers

Job description

As System Development Engineer you are in charge of defining and developing the functional chain of electromechanical brakes and electromechanical parking brakes in particular.

- Define and write system requirements and specifications in association with the design teams and external system partners
- Drive and / or participate in system analysis such as FMEA, FTA
- Request / drive and / or realize technical studies (theoretical approach, numerical simulation, component testing) in order to improve product knowledge and to refine product specifications and the control strategies
- Follow-up system validation activities (on bench and on vehicle) in cooperation with test teams
- Document and follow-up evolutions and technical changes in terms of impact with regards to a system definition
- Participate in design review activities (possibly on whole functional chain, from actuator to control SW)
- Assure completeness and versioning of system documentation in accordance with internal processes and / or ISO 26262 standard
- Participate in preparing and presenting system documentation and specific system studies to customers (car manufacturers)
- Participation in continuous improvement activities within CBI. Ex: optimization of internal processes, competitor benchmark and set-up of new development tools

Professional requirements:

- Degree as system or mechatronics engineer for transportation or equivalent and minimum 2 to 5 years of professional experience in a similar position
- Knowhow and experience in Chassis Control (vehicle dynamic) or aeronautic
- Experience in embedded SW systems in automotive or aeronautic

Tools / development environment:

- DOORS, Matlab/Simulink, UML, SysML, CAN, FlexRay, pack MS Office
- Requirements management and configuration management
- Knowledge about FMEA and FTA
- Knowledge about ISO 26262 standard

Personal abilities:

- Openness in relationships
- Solid technical negotiation
- Autonomous and curious, methodological approach and documentation
- Willingness to share their experience and results

Languages:

- Fluent English mandatory

Others:

- Driving license

How to apply?

If you are convinced you are the right person for the job, please send your resume and short motivation in English to recruitment@closer2talent.com