

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 High Tech Campus Eindhoven we are looking for

Test Software Engineer

Job description

As Test SW Engineer you are in charge of defining, developing and executing the system and software verification and validation test plan of electromechanical brakes.

- Define, write and execute software test strategy in line with requirements and specifications for platform development projects.
- In charge of SW test technical review with SW design team. Cooperation with the design team for sw and electromechanical components, with the system design team.
- In accordance to our test strategy, contribute to the definition of test validation plan from unit testing to full system integration. Contribute to the optimization of this validation plan to make it as efficient as possible in respect of safety and technical requirements.
- Manage all verification and validation activities in Doors. Insure that all developed test cases are properly define, review and execute. Setup necessary template to insure perfect test t and requirements coverage.
- Responsible to Maintain and develop of all test cases database (**Bench Test Spec., Vehicle Test Spec**) :
 - Functional Safety (FSV) collaboration with Safety department,
 - Combine Test (CTP) and Clamping Force Strategy (CFS) with system team

- Independent Testing of Requirement (ITR), Monitoring Algorithm Test (MAT); Memories management (MEM) Diagnosis (DIAG) with project SW development team
- Documentation and follow-up of evolutions and technical changes.
- Assure completeness and versioning of validation and verification documentation in accordance with internal processes and / or ISO 26262 standard.
- Contribute to the development of bench and tools needed to answer to current or new requirements.
- Participation in preparing and presenting validation and verification (V&V) reports to design team and/or to customers (car manufacturers).
- Participation in continuous improvement activities within CBI. Ex: optimization of internal processes, benchmark and set-up of development tools.

Professional requirements:

- Degree as mechatronic engineer for transportation or equivalent. Experience in testing and unit testing environment, minimum 3 years of professional experience in a similar position.

Tools / development environment:

- DOORS, ASCET, Matlab/Simulink, C code, CAN, FlexRay, pack MS Office
- Familiar with testing environment (IPG, ETAS, LabVIEW or equivalent)
- Knowledge about ISO 26262 standard, requirements management and configuration management.

Personal abilities:

- Rigorous
- Openness in relationships
- Solid technical background
- 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