



Rail is the backbone of the mobility of the future. With particular technical challenges such as the implementation of internationally standardised systems to support interoperability or the development of energy-efficient transport modes to reduce emissions and the integration of advanced technologies for state-of-the-art rail product solutions. This requires experts with experience who know every aspect of the process, from concept development up to construction right through to approval.

## We are looking for: Project engineer - Control systems (m/f/d)

### Your tasks

- ◆ Working in the field of train control technology with a focus on control technology for railway vehicles (TCMS - Train Control and Management System)
- ◆ Concept development for the control of railway vehicles (architecture, subsystems and redundancy concept)
- ◆ Drafting system and software requirements
- ◆ Project planning and testing of railway vehicle systems
- ◆ Activities in all stages of the software development process in accordance with the V model
- ◆ Programming of programmable logic controllers and/or HMI interfaces
- ◆ Hardware configuration and control of bus systems

### Your profile

- ◆ Completed studies, preferably in railway vehicle technology, automation technology, electrical engineering, information technology or equivalent
- ◆ Graduates receive an intensive orientation programme
- ◆ System knowledge of railway vehicles is desirable
- ◆ Knowledge of normative specifications and role management in development projects for railway vehicles is desirable
- ◆ Experience with the software development process according to EN 50128 is desirable, but not a condition
- ◆ Knowledge of relevant automation systems (IEC 61131, PLC)
- ◆ Application-ready knowledge in controller hardware (PLC, control and visualisation systems, bus systems)

### Have we aroused your interest?

Please send your relevant application documents – preferably by e-mail – to Ms Nancy Müller at [karriere@cideon-engineering.com](mailto:karriere@cideon-engineering.com).