





Cideon – the enablers.
Rail is the backbone of tomorrow's mobility – presenting unique technical challenges.

- Implementation of internationally standardised systems to support interoperability
- Development of energy-efficient modes of transport to reduce emissions
- Integration of advanced technologies for modern rail product solutions

This requires experienced experts who understand every aspect of the process, from design and engineering right through to type approval.

Benefit from our experience – let's get the trains rolling together.

Consulting: Keeping the train on track
Your problems are our business. We are a team of rail vehicle specialists who step in when the going gets tough. We find practical solutions that work – from the start of the tender process right through to final approval.

Mechanics: Engineering complexity
Rail vehicles are highly complex systems. And they are our area of expertise: We design freight wagons as well as passenger trains and maintenance vehicles. We also keep an eye on alternative transport systems.

Electrical Systems & Software: Pioneering Technologies
We understand the technologies that will drive the industry forward. Benefit from our expertise in functional and systems development, electrical circuit design, software development, type testing and validation.

On-site engineering: capacity and expertise tailored to your needs
Flexible solution tailored to your requirements. You'll receive exactly the support you need. We make our team's expertise available to you under the legal and contractual terms that suit you.

- Engineering service provider for manufacturers, operators and suppliers – new construction, modernisation and retrofitting
- Certified to DIN EN ISO 9001
- Welding certificate EN 15085-2
- Adhesive certification to DIN 6701-2
- ISTQB Certified Tester (Advanced Level – Test Manager)
- Trained to DIN EN 50126 / 50128 (50657) / 50129
- Member of VDB, IZBE, BTS and SWISSRAIL

- Participation in the DIN Standards Committee
- 3D modelling using all relevant CAD systems
- Production of complete sets of drawings
- Linear and non-linear strength analysis, as well as multi-body simulation
- Development of functional vehicle concepts for electrical systems and control systems
- Experienced production support
- Reliable project management
- Tailored and flexible support from our experts

Our service portfolio throughout the product lifecycle:

Concept	Consulting	Design & Mechanics	Electrical / Control Systems / Software	Construction supervision	Commissioning	Documentation	Refitting
• Feasibility studies • Research into regulatory frameworks and patents • Technical and commercial • Risk management	• Preparation of expert reports • Sustainable solutions • Tender and bid support	• Vehicle design • Bogie development • System integration • Strength analysis • Constraint analysis • Multi-body simulation	• Vehicle electrics • System development (subsystems) • Circuit design • Software development • Testing & validation	• Manufacturing concept • Fixture design • Construction supervision & on-site handover	• Type-approval support • Safety Certificates • Acceptance • Testing and validation	• Technical documentation • Maintenance concept • RAMS / LCC	• Fleet modernisation • Remotoring

Certifications



EN 17460



ECM 2



ISO 14001:2015



ISO 9001:2015



DIN EN 15085-2



GPM & IPMA



CPRE nach
IREB



CPSA nach
ISAQB



CTAL-TM nach
ISTQB

Head office

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Locations

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04319 Leipzig

Our Partners and Associations



Verband öffentlicher Verkehr
Union des transports publics
Unione dei trasporti pubblici