



Expertise
on rails



THE COMPANY

Train-Ing GmbH is a company specialising in rail vehicle technology, which its highly-qualified employees use in many divisions and departments and at all project levels for national and international markets.

We see ourselves as a partner for companies for commercial installation and engineering services.

Our know-how and extensive product and technology expertise allow us to provide an integral service to carry out your project.

We are able to match the quality and business success of our clients' projects.

We have developed comprehensive concepts to give you the necessary freedom and flexibility in human resource and project planning needed in today's world to ensure that you remain competitive.

We can offer our services as an all-inclusive package, on a contract-for-services basis or by assigning staff in a support and assistance capacity.

Our portfolio is made complete with outsourcing of individual services.

Train-Ing GmbH is certified to EN ISO 9001 as it has always been important for us to grow as a qualified organisation ever since our company was founded.

SIMPLY DEPART.

Leave us to do the groundwork.

SIEMENS

BOMBARDIER

ALSTOM

STADLER



HARSCO
RAIL

 **KNORR-BREMSE**

LOYAL CUSTOMERS

A clear focus on customers is always at the centre of our thinking and actions on a daily basis.

Our uppermost goal is to keep our customers happy, who we have assisted and supported expertly on a partnership basis for many years.

Loyal customers are the basis of our long-standing business relationships and company success.

5 MILLION PEOPLE.
In Germany use trains
on a daily basis.



A STRONG PARTNER.



OUR SERVICES

PROJECT MANAGEMENT

- Project structuring into sub-projects, sites, trades and responsibilities
- Operations planning and scheduling for overall projects, work packages and individual processes
- Completion management: fulfilment of warranty obligations
- Commissioning planning, type test schedules and type test coordination
- Drafting test specifications in line with project requirements
- Configuration management
- Change management, change coordination
- Test procedure planning
- Drafting and production of work instructions
- Project management, project controlling, schedule and milestone tracking
- Project reporting, milestone trend analysis (MTA)
- Purchasing support and logistics concept for order processing

QUALITY MANAGEMENT

- Operative quality assurance, performance of initial sampling inspections
- Incoming inspection, test tool management, production control, documentation
- Preparation and performance of customer inspection and approval processes
- Quality control – monitoring of work methods and processes
- Quality planning – definition of quality objectives and implementation processes
- Active support for procurement problems (expediting)
- Supplier structure and auditing
- Progress and quality monitoring, materials management
- Review of personnel and materials availability
- Review of supplier and logistics chain
- Creation of a roadmap
- Consistent progress tracking (target-performance comparison)

COMMISSIONING

- Commissioning of individual coaches
- Commissioning of train sets
- Performance of routine inspection and testing
- Performance of type tests
- Supervision and evaluation of test runs
- Electrical and mechanical coupling of individual coaches
- Fault diagnosis and clearance
- Software updates
- Assistance in compiling test instructions and inspection records

CUSTOMER SERVICE

- Operative and preventive maintenance work
- Completion of fixed-time maintenance as per maintenance checklist
- Handling of defect notices and warranty notifications
- Fault diagnosis and elimination
- Reading of error memories for analysis and error detection
- Change implementation
- Support and training measures

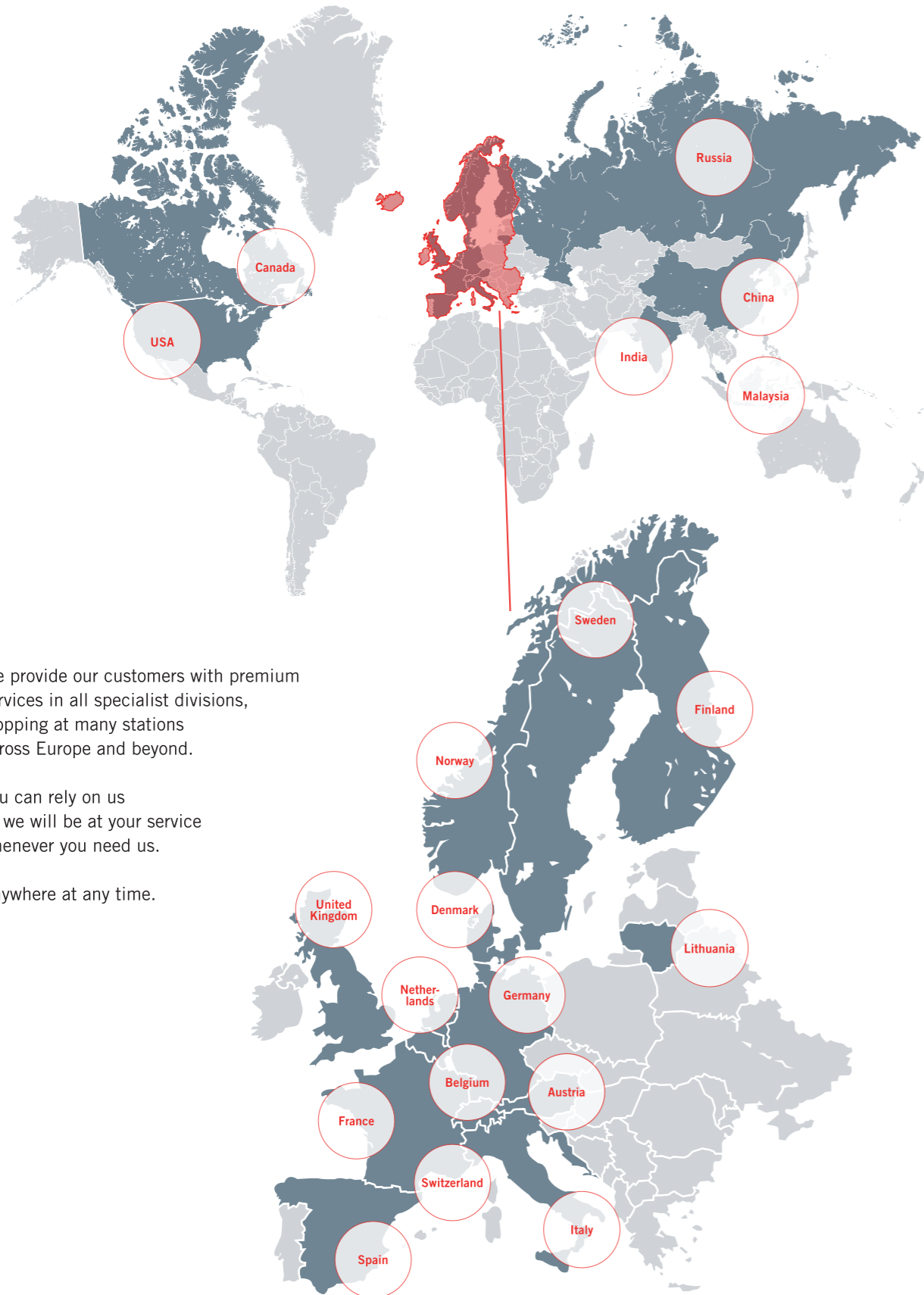
REFURBISHMENT

- European Train Control System (ETCS): planning, implementation and commissioning
- Intermodal Transportation Control Systems (ITCS), passenger information, passenger capacity levels, CCTV surveillance, fare management: planning, implementation and commissioning
- Introduction of changes, including verification
- Mechanical alterations and retrofits
- Modernisation measures
- Implementation of complex general overhaul and retrofit measures
- Changes in models and designs
- Accident repairs

ASSEMBLY

- Complete electrical installation work
- Complete interior fittings, including flooring work
- Coach wiring, electrical enclosures, control panels and desks, and door column panelling
- Fitting of door systems, including settings and initial operation
- Completion of glazing work (certified)
- Completion of bonding work (certified)
- Fitting of air-conditioning systems, couplings, underfloor units and roof components
- Complete sticker attachment (pictograms), technical labelling, decals

OPERATIONAL LOCATIONS TO DATE



We provide our customers with premium services in all specialist divisions, stopping at many stations across Europe and beyond.

You can rely on us as we will be at your service whenever you need us.

Anywhere at any time.



PREMIUM SERVICES.
In all divisions.

REFERENCES



ICE4
Germany



Eurostar
Europe



Velaro D
Germany



Twindexx Swiss Express
Germany



Velaro
Spain



Talent 2
Germany



Velaro
Russia



MVG C2, Munich underground
Germany



Desiro ML, MRB
Germany



HARSCO EHFZ, SBB
Germany



Desiro ML AM08
Belgium



NET 2012
Germany



Velaro
China



Neoplan Centroliner bus
Germany



Flexity, Valencia & Alicante
Spain



Regina
Sweden



Coradia Nordic X60
Sweden



ICE3
Germany



Sprinter Lighttrain SLT
Netherlands



Desiro UK Class 360
Germany



Desiro UK Class 444
Germany



OTU
Denmark



Desiro UK Class 350
Germany



Flexity, Berlin
Germany



Desiro UK Class 450
Germany



H01, Berlin underground
Germany



DT5, Hamburg
Germany



NF8U, Rheinbahn Düsseldorf
Germany



Coradia Continental
Germany



Man Lion's City bus
Germany

You can find our current references online at:
www.train-ing-gmbh.de

SIMPLY ARRIVE.
As everything works perfectly.



PREPARE TO BE AMAZED.

As expertise on rails brings pleasure.



Train-Ing GmbH
Konrad-Zuse-Ring 1
41179 Mönchengladbach
Germany

Telephone: +49 (0)2161 839 10 70
Fax: +49 (0)2161 839 10 750
Online: www.train-ing-gmbh.de
Email: info@train-ing-gmbh.de

