



Enabling future mobility

// We are establishing rail as the mobility solution of the future. In harmony with our customers - reliable and sustainable as well as close to people and nature.



Enabling future mobility.

100% Progress

INNOVATIVE STRENGTH AND POWER OF IMPLEMENTATION.

// We drive the development of rail transport with our services to ensure that the most efficient and sustainable means of transport remain competitive and relevant.

The Rhomberg Sersa Rail Group – the result of a merger between Rhomberg Rail and the Sersa Group in 2012 – is an owner-managed technology company for railway infrastructure with a reputation for delivering outstanding quality offering tangible customer benefits such as efficiency, reliability and on-time delivery. It manifests itself in new and innovative services, by achieving exceptional project delivery in a cost-efficient manner with high customer satisfaction.

As a leading railway technology company, we offer our customers one of the most complete range of services in all aspects of railway construction and infrastructure services. This is supported by state-of-the-art technology, highly competent staff, with many years of experience and, most important of all, an outstanding professional and diverse workforce of over 2,600 employees. They are experts with invaluable experience gained from complex projects delivered worldwide. They work to implement our vision, which goes far beyond the company itself – driving towards the success of the railway through innovative solutions, reduction of cost, increased efficiency, reduced environmental impact whilst maintaining safety as a core objective of our business.



Konrad Schnyder, Owner Board President, and Hubert Rhomberg, CEO of the Rhomberg Sersa Rail Group

Full railway engineering service provider

Prime and general contractor



Track and Civil

- // Track construction and renewal
- // Track maintenance
- // Cable and railway civil engineering
- // Restoration of railway tunnels
- // Switch point renewal
- // Slab track construction



Rail Systems

- // Electrification
- // Electrotechnical equipment (50 Hz)
- // Traction power supply
- // Electromechanical equipment
- // Communications technology



Products and Services

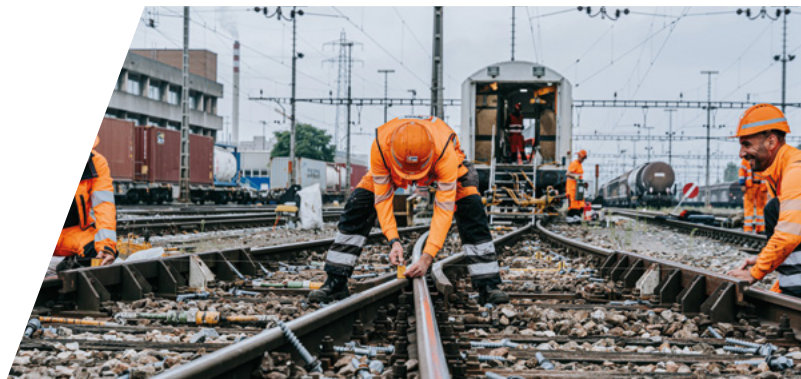
- // Consultancy, design, planning
- // Security and access systems
- // Diagnostics and measuring technology
- // Logistics and locomotive licence
- // Maintenance of rail vehicles
- // Digital rail services

100% Performance **THE COMPLETE RAILWAY ENGINEERING SERVICE.**

// Benefit from the full service range offered by the Rhomberg Sersa Rail Group – affecting every aspect of the project and infrastructure lifecycle.



We plan for the long term and act with a view to the future. We consider our customers aspirations and needs when advising on the system requirements to ensure we have a positive impact on the entire lifecycle of the asset. We aim to deliver maximum benefit in all phases of the lifecycle by means of cost-efficiency. Irrespective of whether you commission us as a general contractor or as a subcontractor, we will always apply a holistic approach that encompasses more than just the day-to-day requirements.



We offer services covering the entire railway engineering spectrum; including consultancy, project design, planning and construction management. Our range of services includes specific construction and maintenance services inclusive of, but not limited to; mechanised track construction, plain line renewal, Switch and Crossing renewal, track maintenance, rail welding and ballast formation treatment. In addition, you will benefit from innovative products such as Slab Track design and renewal, measuring and surveying technology, the Sersa Second Life System® (SLS) and professional systems such as consultancy and safety critical labour supply. Our expertise also includes all aspects of high and low voltage electrical infrastructure.



100% Productivity **COMPETENCE IS THE KEY TO RELIABILITY.**

// Commuter systems in urban situations present a unique challenge.
Thanks to our experience we deliver quality solutions, on time and to budget.

Whether involved in mainline infrastructure, light rail tram systems, urban networks or underground systems, the Rhomberg Sersa Rail Group has the expertise necessary for tackling the requirements associated with complete construction or remodelling – particularly in geographically sensitive and demanding situations. We understand that projects in restricted or residential areas require considered solutions with minimal disruption to the public and environment. High productivity must be maintained while considering the safety of the local population, infrastructure and our own staff. It is also essential to avoid, where possible, disruptions to the travelling public and local transport networks.

We solve these tasks thanks to our expertise. For example, as one of the leading suppliers in the complete renewal of points. Or with innovative systems for the construction of slab tracks and their transitions to sections in ballasted track. And of course with the management know-how for 24-hour construction sites with safety, access and control systems.





100% Precision **THE PREREQUISITE FOR MAXIMUM SPEED.**

// High speed for main-line transport. The Rhomberg Sersa Rail Group has industry leading high performance mechanised construction systems, including advanced track surveying and measuring technology.



Precision is a quality that can be measured. Dedication and attention to detail are values that cannot be so easily measured but are just as important to us. We measure the requirements of our projects and the needs of our customers just as we measure our work to a fraction of a millimetre – over hundreds and thousands of kilometres – in order to fulfil defined criteria and meet the most demanding requirements.

The safety and comfort of passengers demands absolute precision of the track geometry and positioning. Achieving these objectives requires state-of-the-art measuring systems and efficient, cost-effective construction methods based on innovative technologies, high-performance machinery and well-planned systematic processes.



100% Efficiency

YOU DON'T HAVE MUCH TIME. LET'S USE IT WELL.

// Our clients cannot wait. Whether we are dealing with the construction and maintenance of passenger lines or goods transport. They are surprised, again and again in what can be achieved in a short space of time.

It is obvious that infrastructure used for freight presents unique challenges that differ from high-speed railway lines. Both have tight deadlines. We are ideally equipped to deal with these situations and view such projects as a welcome challenge.

Railway lines for heavy and very heavy goods trains require an in-depth knowledge of the construction requirements and materials that affect the whole life-cycle performance. For these types of projects we can draw on our many years of experience of construction and maintenance of heavy haul lines in the Australian Outback and in North America. The railway infrastructure in the Pilbara and Hunter Valley in Australia or the transcontinental links in North America have to function perfectly under extreme conditions with axle loads of up to 40 tonnes carrying millions of tonnes of material per annum.





100% Optimisation

COMPLETE SOLUTIONS AND COMPREHENSIVE SUPPORT.

// The provision of private infrastructure elements and long-term interdisciplinary support is one of our strengths. Our customers benefit from complete cost optimisation.



Just imagine a port installation, a freight terminal or a private siding for goods trains in an industrial context. These lines often operate 24 hours a day. When capacities increase or other changes are called for, modifications have to be carried out without disrupting the operational railway.

The interdisciplinary teams within the Rhomberg Sersa Rail Group are able to design and manage these infrastructure projects, ensuring the functionality of the infrastructure and its long-term value whilst optimising costs and results for our customers.





100% Focus

THE COMPLETE RANGE OF RAILWAY CONSTRUCTION SERVICES.

// Railways are our passion. In all forms of construction, with innovative technology, under the open sky or in tunnels – we will drive your construction project.

Track construction and renewal

Our core competence is both mechanised and manual track construction, including track renewal in all track gauges. We underpin our highly efficient site management and logistics with high-performance machines and partial renewal systems. We are worldwide market leaders in the complete renewal of Switches and Crossings.

Track maintenance

Mechanised track maintenance is one of our specialities. We measure, align, level and compact ballasted infrastructure using an optimum array of resources. We also mill and grind rails. With the Sersa Second Life System® (SLS) we are able to refurbish Switches and Crossings re-establishing the correct track gauge and geometry.

Rail Infrastructure Electrical and Civil Engineering

From excavation through to asphaltting work – we are able to carry out all disciplines of cable, rail and Civil Engineering works required as part of private sidings, e.g. cable trench excavation, plant clearance work, soil replacement, jetting micro-cables and speed pipes, installation of rail connection boxes, construction of complete new platforms, construction of railway culverts (pipe culverts, in-situ concrete).

Restoration of railway tunnels

Railway tunnels are particularly prone to problems, their restoration requires extensive know-how. Our expertise covers the restoration of the loadbearing structures, the track infrastructure, water ingress, the widening of tunnels to increase tunnel gauge and all installations and safety upgrades.

Switch and Crossing renewal

Innovative machine technology, optimised site planning and the use of synergies; the "total switch renewal" concept is based on the modular structure of all services in the field of Switches and Crossings. In this modular principle, all work processes perfectly complement each other while we maintain flexibility under a variety of site requirements and conditions.

Slab Track

We are Slab Track specialists and have experience with systems such as Rheda 2000, LVT and ÖBB/PÖRR as well as plinth and direct fixation methods. We support this work with bespoke machinery such as a rail mounted concrete train and a variety of alignment systems. In addition, we offer our own Slab Track system IVES, as well as solutions for the construction of Slab to Ballast transitions such as the Rhomberg Sersa V-TRAS.







100 % Reliability

THE RANGE OF RAILWAY SERVICES.

// Railway lines have to run safely and efficiently; to this end we provide state-of-the-art railway systems and power supply solutions.

Electrification

With our experience in overhead contact wire installation we guarantee maximum cost efficiency and reliability for the implementation of all projects. Irrespective of whether these revolve around new installations and the upgrading of existing infrastructure or overhead contact wire components for local and long distance transport. Our range of machines include; catenary maintenance, the latest generation of lift and crane, inspection and maintenance vehicles, all of which contribute to increase in the efficiency of overhead wire installation. We extend the range of our comprehensive high quality service portfolio by cooperating with other companies.

Electric point heating systems (EWHA) 50/16.7 Hz

We are specialists in the installation of point heating systems of all shapes and designs. We offer you complete handling including all ancillary and main services. We have the necessary training as well as the relevant prequalification with Deutsche Bahn to carry out these safety-relevant activities.

Cable laying (also in railway areas)

We have the prequalification from Deutsche Bahn and can carry out cable laying work - also under railway operations.

Electromechanical equipment

Our range of services includes the equipping of tunnel systems including the electromechanical components, such as doors and gates for the partitioning of sections, ventilation systems for air-conditioning and ventilation, air-conditioning systems, extinguishing water systems. Installation of complex earthing systems. Installation of lighting systems of all kinds - especially emergency lighting, tunnel safety lighting - such as our unique path guidance system handrailIT.

Communications technology

Data lines are used for connecting the various infrastructure components and communication equipment. We design transmission installations that best suit the customer project and provide the required network. For this purpose we use systems such as copper cable, optical fibre and radio transmission installations, including digital and analogue speech radio systems.





DIGITAL RAIL
SERVICES



100% Customer orientation

PRODUCTS AND SERVICES.

// We focus on a comprehensive customer benefit. For this reason we undertake in-house development of technologies, products and services for new and better solutions in railway construction.

Consultancy, design, planning

Our consulting and design expertise covers the provision of personnel and systems, project management, quality assurance, logistics and measuring technology. We also specialise in the detailed design of railway engineering, interface design and the optimisation of complete solutions.

Security and access systems

Our Group offers you a range of site organisation systems: access and locating systems, barrier systems, video monitoring, security control stations, communication systems, alarm and fire alarm systems, air quality systems, power supply and site lighting.

Diagnostics and measurement technology

We bundle qualified expert knowledge from the fields of measurement technology, geomatics, railway construction and maintenance and use this knowledge for customer-oriented further development. With comprehensive and state-of-the-art measurement, visualisation and evaluation services, we accompany and support our customers in the management of their track systems.

High-precision measuring systems such as the PALAS guidance system for track construction machines form the basis for the construction and maintenance of modern track systems. Our own surveying specialists provide services directly on site.

Logistics and RU

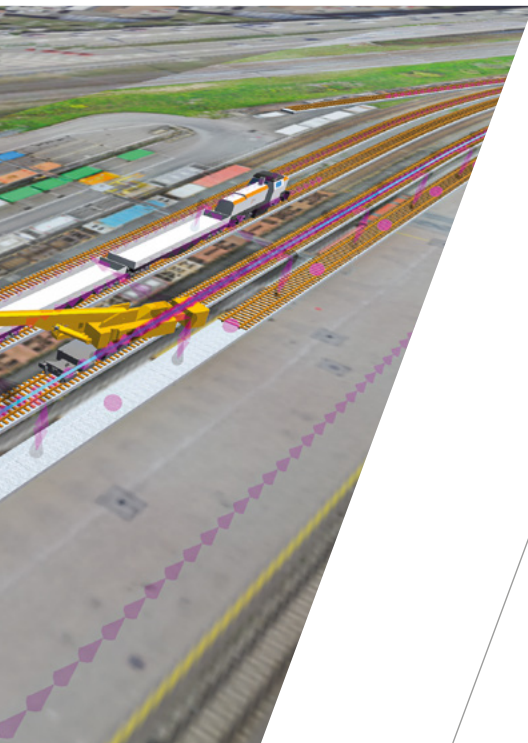
Excellent logistics are an essential prerequisite for productive construction and efficient rehabilitation. We offer the preparation of logistics concepts, the execution of complete construction site logistics, the rental of traction equipment and special vehicles with operating personnel.

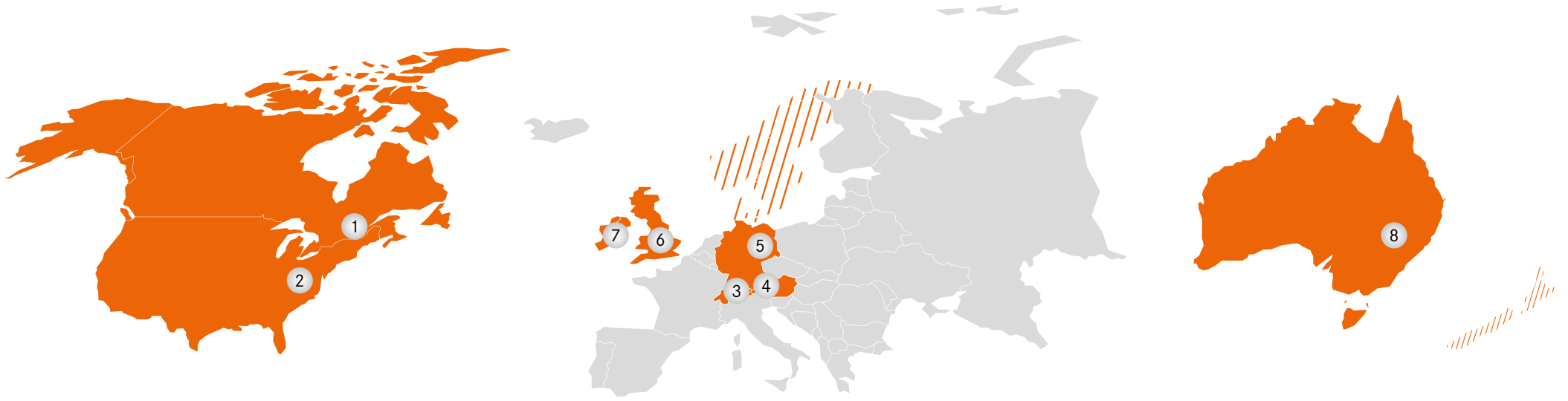
Maintenance of rail vehicles

We guarantee ECM-compliant, economical and on-time inspection, overhaul and repair in accordance with the guidelines of the European railways. Our services include rail vehicles in accordance with DIN 25 003 such as auxiliary vehicles with and without traction drive, tank wagons, freight wagons of standard and special design, internal combustion locomotives.

Digital Rail Services

With our experience and expertise in digitalisation, our aim is to provide you with the best possible support in all phases of your project. Only in this way, and this is our firm conviction, can we really use the latest technological tools to your benefit, increase your efficiency and thus give you a clear head start into the future.





North America

- ① Canada
- ② USA

Europe

- ③ Switzerland
- ④ Austria
- ⑤ Germany
- ⑥ United Kingdom
- ⑦ Ireland

⑧ Australia

Internationally selective "Business Projects"

100% Commitment **IDEAS ENCOMPASS THE WORLD.**

// The Rhomberg Sersa Rail Group are a global organisation with a global and diverse workforce. What they have in common is their pioneering enthusiasm for the railway and being passionate about achieving the very best for our customers: 100% and more.

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100% Rhomberg Sersa Rail Group **ENABLING FUTURE MOBILITY.**

// As a leading international railway technology company, we are aware of our responsibility towards people as well as towards resources and the environment. After all, rail is our safest and most environmentally friendly mode of transport and thus the mobility solution of the future. That's why we do everything we can to constantly optimise the railway infrastructure - with innovative concepts, high-quality solutions and the use of state-of-the-art technologies.

Our Vision: Enabling future mobility

We are the “partner of choice” when it comes to establishing rail as THE mobility solution of the future: hand-in-hand with our customers, we act reliably and sustainably, with maintained focus on both people and nature. We are constantly creating more efficient, safer and more attractive rail infrastructure, thereby strengthening the company’s market position.

Our Mission

For our customers and partners, we are THE resource for the continuous optimisation of rail infrastructure. We maintain this position thanks to our outstanding employees, our strength in innovation, and the most state-of-the-art machinery and future-proof technologies, resulting in consistently high-quality order fulfillment. Our customers and partners benefit from our trust-

worthy cooperation, our curiosity and openness, and the constant knowledge transfer within the Rhomberg Sersa Rail Group. These qualities, together with our regional strengths, lead to customer-specific solutions and a leading position in our key markets.

Our focus is on holistic lifecycle solutions for track and Civil and machine management

Our Company Values

- Innovation and dynamism
- Trust and Safety
- Performance and Efficiency
- Quality
- Transparency and Fairness

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