

Rhomberg Sersa Rail Group  
info@rsg.com  
www.rhomberg-sersa.com

Austria  
Mariahilfstrasse 29  
6900 Bregenz  
Tel. +43 5574 403 0

Switzerland  
Badenerstrasse 694  
8048 Zürich  
Tel. +41 43 322 23 23



@RhombergSersaRailGroup



@rhomborg\_sersa\_rail\_group



## Enabling Future Mobility

// We are establishing rail as the mobility solution of the future. We are doing this in conjunction with our clients while also proving ourselves to be reliable and sustainable.



## **100% Progress** **INNOVATION, COLLABORATION** **AND RELIABILITY.**

// We drive the development of rail transport 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, efficiency, reliability and on-time delivery. Our reputation manifests itself in new and innovative services, combined with exceptional delivery in a cost efficient manner. This results in high client satisfaction every time.

As a leading railway technology company, we offer our clients 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 and 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-service provider of railway technology

General contractor



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

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

- // 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 – positively impacting on 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 clients 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.

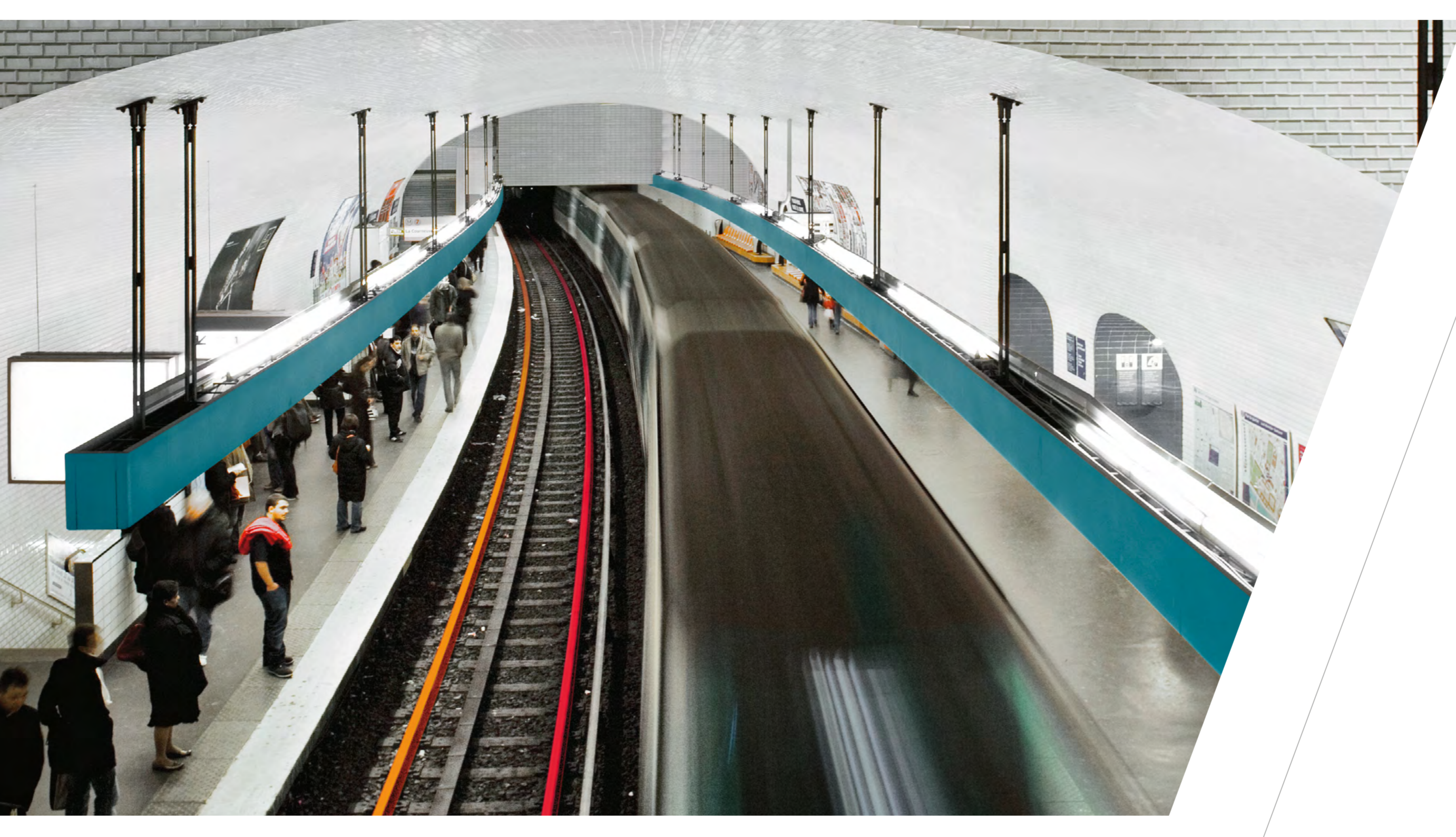
We offer services covering the entire railway engineering spectrum; including consultancy, project design, planning and construction management. Our range of services includes specific construction and maintenance services inclusive of, but not limited to; mechanised track construction, plain line renewal, 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 on 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, we are one of the leading suppliers in the complete renewal of points. We also bring our expertise via 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 is essential for modern 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 vital to us. We measure the requirements of our projects and the needs of our clients 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. Yet both have tight deadlines for delivery of services. 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, meaning our clients benefit from optimal cost value balance.



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 clients.





## 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 and construction of railway culverts (pipe culverts, in-situ concrete).

### Restoration of railway tunnels

Railway tunnels are particularly prone to problems and 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** **AN EXTENSIVE 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. This is 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 and 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 (EWA) 50/16.7 Hz**

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

### **Cable laying (also in railway areas)**

We have completed the necessary prequalification for companies such as Deutsche Bahn which means we are permitted to carry out cable laying work.

### **Electromechanical equipment**

Our range of services include 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 and the Installation of complex earthing systems. We can also deliver the installation of lighting systems of all kinds - especially emergency lighting, tunnel safety lighting - such as our unique path guidance system hand-railIT.

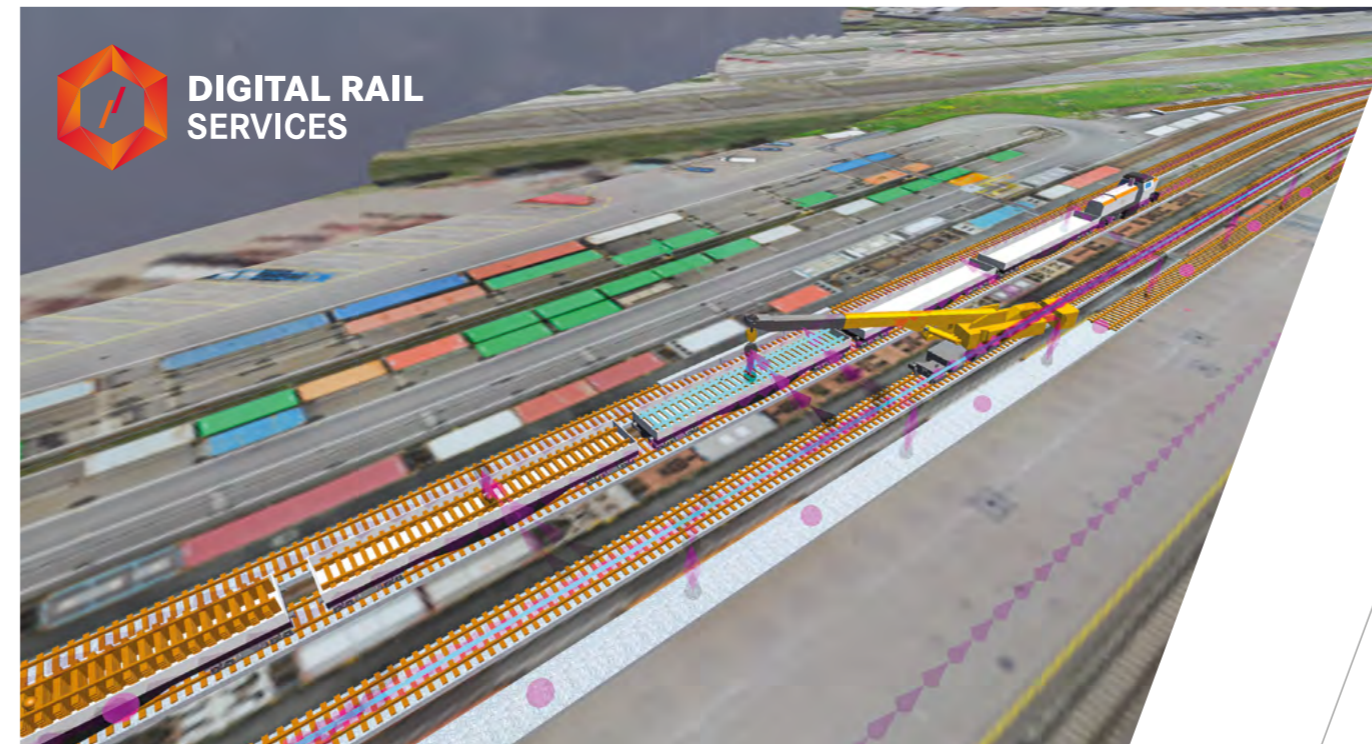
### **Communications technology**

Data lines are used for connecting the various infrastructure components and communication equipment. We design transmission installations that best suit the clients 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% Clients orientation** **PRODUCTS AND SERVICES.**

// We focus on a comprehensive clients 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 client-oriented further development. With comprehensive and state-of-the-art measurement, visualisation and evaluation services, we accompany and support our clients 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 or without traction drive, tank wagons, freight wagons of standard and special design and internal combustion locomotives.

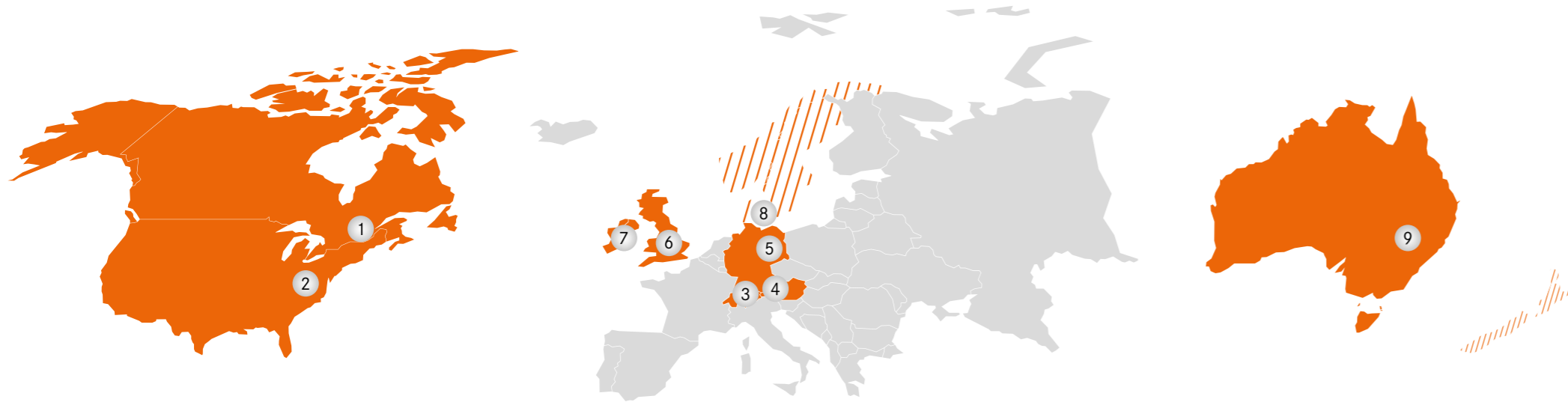
### **Digital Rail Services**

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



# 100% Commitment IDEAS ENCOMPASS THE WORLD.

// The Rhomberg Sersa Rail Group are a global organisation with a global and diverse workforce. What our staff have in common is their pioneering enthusiasm for the railway and their passion to consistently achieve the very best for our clients.



### North America

- ① Canada
- ② USA

### Europe

- ③ Switzerland
- ④ Austria
- ⑤ Germany
- ⑥ United Kingdom
- ⑦ Ireland
- ⑧ Nordics

### ⑨ Australia

*Project business internationally selective*

### Switzerland

**Rhomberg Sersa Rail AG**  
 Badenerstrasse 694, 8048 Zürich  
 Tel. +41 43 322 23 23  
 info.sgs@rsrg.com

### Austria

**Rhomberg Sersa Bahntechnik GmbH**  
 Mariahilfstrasse 29, 6900 Bregenz  
 Tel. +43 5574 403 0  
 info.rsbt@rsrg.com

### Rhomberg Sersa Rail GmbH

Haidestrasse 53, 4600 Wels  
 Tel. +43 7242 47045 0  
 office.rsr@rsrg.com

### Germany

**Rhomberg Sersa Deutschland GmbH**  
 Gross-Berliner Damm 86, 12487 Berlin  
 Tel. +49 30 56 54 66 0  
 info.berlin@rsrg.com

### United Kingdom

**Rhomberg Sersa UK Ltd**  
 2 Sarah Court, Yorkshire Way, West Moor Park  
 Doncaster DN3 3FD  
 Tel. +44 300 303 0230  
 enquiries@rsrg.com

### Ireland

**Rhomberg Sersa Ireland Ltd**  
 Unit 12, Kildare Town Center  
 Claregate Street, R51 A027, Kildare  
 Tel. +353 45 531 838  
 info.ireland@rsrg.com

### Nordics

**Rhomberg Sersa Nordics ApS**  
 Arne Jacobsens Allé 15-17,  
 2300 Copenhagen  
 info.nordics@rsrg.com

### Australia

**Rhomberg Sersa Australia**  
 Unit 3, 10 Johnston Crescent  
 Horsley Park 2175 NSW  
 Tel. +61 2 9627 8200  
 info.rsa@rsrg.com

### Canada

**Rhomberg Sersa North America Ltd**  
 King St. W., Unit 301 43  
 K6V 3P7 Brockville  
 Tel. +1 613 865 7045  
 contactsNA@rsrg.com

### USA

**Rhomberg Sersa North America Ltd**  
 4729 US Highway 17 4729  
 32003 Florida  
 Tel. +1 904 378 7160  
 contactsNA@rsrg.com

# 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 clients, 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 clients 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 clients and partners benefit from our

trustworthy 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 client-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