

References

Consultancy

- Railway yard analyses for the prevention of overrunning Stop Signals
- FIS (Functional Integral System Design) studies Mistral (renovation of train safety installations)
- FIS study SAAL cluster B
- Assessment of level crossings Roosendaal and Eindhoven

Engineering

- Design and testing of the conditioning and the change over installation EBS (SIMIS-W) for IPS Deventer
- Design and testing of section East signal condensing (capacity increase)
- Design and testing of 2nd island platform Amsterdam Zuid
- Cable replacement for Prorail
- Design, testing, test coordination and placing into service of deweaving the Soest line Baarn

Technical Documentation

- Siemens Combino driver and maintenance manuals
- Worksheets ICE rolling stock Siemens (derived from Arbeits Anweisung)
- Worksheets NSR/NedTrain Ansaldo V-250 rolling stock
- Design regulations and T-specs ProRail and NedTrain/Lloyd's Rail
- NO&S (Reference Documentation Maintenance & Servicing) E, EL and P for various types of rolling stock NSR/NedTrain
- Training documentation for various types of rolling stock of GVB/HTM

Training & Courses

- Training electronics mDDM rolling stock
- Fault finding high voltage installation E-loc 1600/1700/1800 types of rolling stock
- Practical course part management and control of Mat 64, DDAR (E1700, mDDM), IRM, ICM, SGM rolling stock
- Traction installations public transport rolling stock GVB
- Basic training electronics Randstad Rail rolling stock for HTM maintenance staff

Why Verebus?

- Reliable, professional, independent and cost effective since 1947
- Guaranteed quality of our products and services based on personal certification system and audited Verebus Standard Project Approach (VeSPA)
- Certified in accordance with NEN-EN-ISO 9001:2010
- Extensive expertise in rail signalling systems and, therefore, with a strong position in the rail market
- ProRail accredited (Category A) since 2002
- Optional deployment of specialists on client site
- All rail disciplines available thanks to partnership with Railinfra Solutions
- Fixed-price, cost-plus basis or framework contracts
- Entire (information) process from specifications through realisation to maintenance



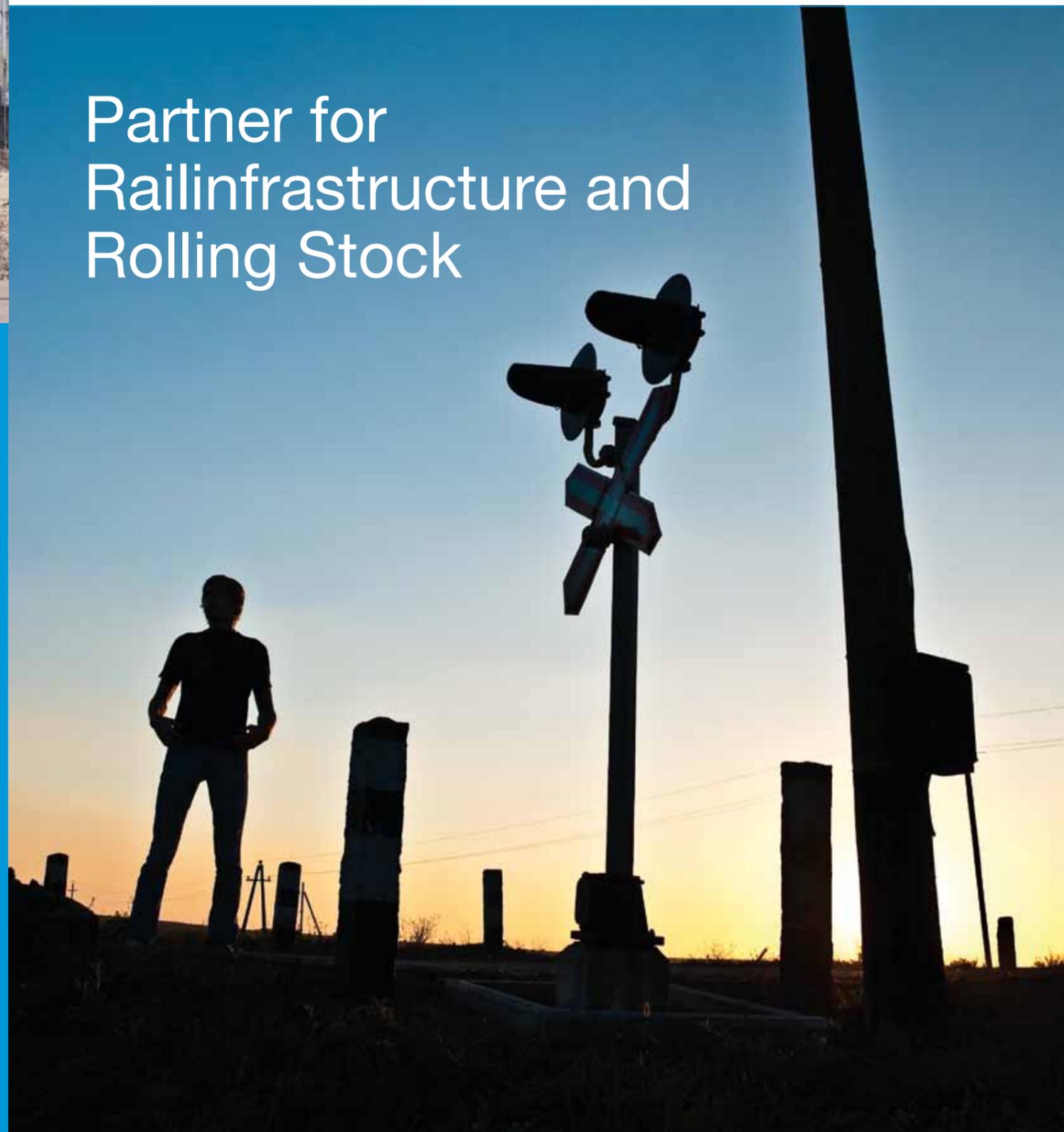
Partner for Railinfrastructure and Rolling Stock

Verebus Engineering BV is a medium sized engineering consultancy with clients in the market segments: defence, infrastructure (including rail infrastructure), marine & offshore, aviation and the energy and utility sectors. Our activities include consultancy, design, engineering, commissioning, managing (hosting) your technical documentation (systems), developing training courses, and training of your staff. We offer support during the complete life cycle of your technical systems and installations. We are independent. If requested or required we will work with partners on projects on a complementary basis.

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Verebus is an accredited engineering consultancy in the field of rail signalling and technical information. We provide a range of services for safe rail infrastructure and asset management support.

Our specialists advise and support you in building and maintaining safe and reliable railways. We carry out specific studies or provide consultancy services on demand. We design complete systems or installations and supervise realisation. We also carry out commissioning and validation activities and provide technical information for any organisational and operational process.

The rail market is dominated by availability and reliability. Therefore it is essential that the information underlying the design and realisation phases fits in well with the information required during exploitation. Verebus produces documentation on products, systems and rolling stock supporting these operational and maintenance processes. Our customers are

manufacturers, system suppliers, maintenance companies and end users of rail systems and rolling stock. Verebus also develops customised training courses and trains maintenance staff to familiarise with the most up-to-date systems and rolling stock.



Services

Consultancy

- Problem analyses
- Feasibility studies
- Functional Integral System design (FIS)
- Asset Information Management

Engineering

- Technical designs for rail traffic
- Design and engineering of railway signalling systems
- Technical specifications/requirements
- Engineering electrical systems for both infrastructure and rolling stock
- CAD engineering

Realisation

- Supervision/inspections
- Project management

Commissioning and validation

- Function tests

Technical documentation

- User manuals, operation, trouble shooting, maintenance and training
- Technical specifications
- Standards and regulations

Configuration management

- Advice and performance of classification process
- Capability sustainment
- Data entry
- Information relating to infrastructure
- Spare parts

Secondment

Training & instruction (incl. materials)



Safe, reliable and cost effective

A safe railway. Consultancy leading to reliable and safe railways. Documentation supporting cost effective maintenance of rolling stock. Training enabling your staff to work safely on your rolling stock. Verebus is your ideal partner to make it work.