

Services



We plan, design, assemble and test complete system solutions and integrate them into existing systems.

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Planning & Project Management

Pre-project, construction project, project planning, construction supervision, commissioning, maintenance and servicing of new buildings and conversions.

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Assembly

Complete assembly of indoor and outdoor facilities.

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Safety inspection

Factory inspection, independent expert analysis and safety reports.

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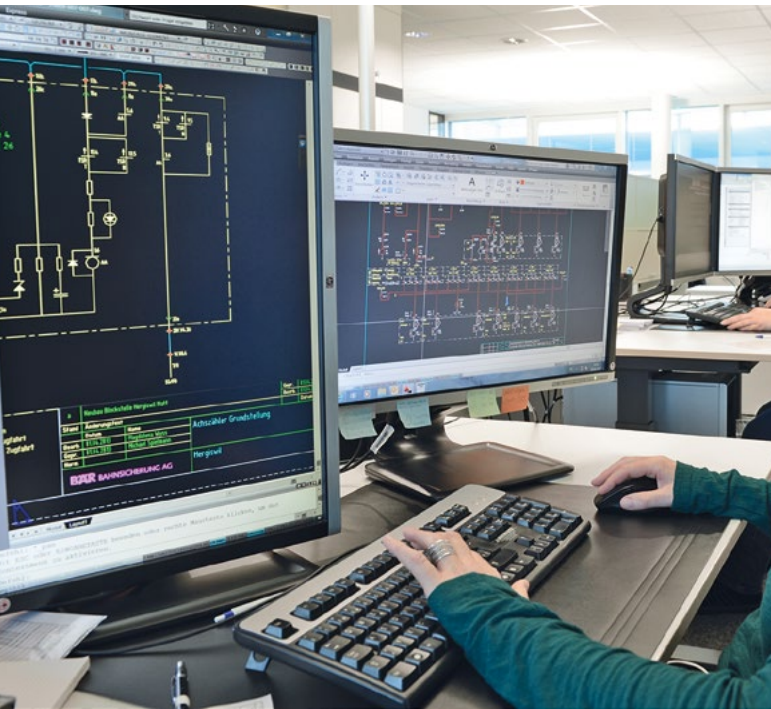
Training & Further Education

With our range of training and courses, we support you in strengthening, maintaining, and expanding the specialist knowledge of your employees.

Planning & Project Management

Pre-project, construction project, project planning, construction supervision, commissioning, maintenance and servicing of new buildings and conversions.





We handle the Project Management

Our motivated employees act specifically as project or sub-project managers in the specialised area of safety systems or as overall project managers in interdisciplinary projects.

Define your Project

We support you in the preliminary study with customised analyses, concepts, or feasibility studies. We examine the costs and help you with the selection process.

Preliminary project

We support you in the preliminary project with the analysis of your needs and devise different solution variants for your project.

We show you the advantages and disadvantages in terms of functionality, costs and approvability for the individual variants and are available to advise you with our expertise.

Construction Project

We develop the construction project for you, in which the operational and technical requirements are coordinated for implementation in compliance with regulations.

The scope of work results from considering the planned project organisation and the depth of work you require.

ZBMS-Rollout

Whether exclusively a ZBMS project or integrated into a conversion project - we plan for you and show you how ZBMS affects your operation and infrastructure.

Planning Approval Process

We facilitate PGV-documents that comply with regulations. We revise and refine the construction project for you and complete all the documents required for submission to the BAV. In doing so, we ensure that conformity and completeness are given within the documents.

Assembly

Complete assembly of indoor and outdoor facilities.





We offer a wide range of services in the field of production and plant engineering. Be it with the production of our own electronic interlocking EUROLOCKING or with assembly or wiring services. We assemble the indoor and outdoor systems from A to Z on a turn-key basis.

Assembly and Technical Site Management

Our installation managers coordinate, manage and monitor all installation work on the construction site with a view to efficient acceptance by the customer. During the construction phase, a competent contact person from BÄR Bahnsicherung is available to you. During implementation, you can also rely on our support in the area of specialist construction management. Whether as an advisor to the overall management, by organising quality controls and acceptances or by providing other services, BÄR Bahnsicherung takes the pressure off you and helps you to complete your projects efficiently and to a high standard of quality.

Material Procurement and Logistics

We get the material to the right place at the right time. Whether components for the new EUROLOCKING interlocking or components for the proven Domino interlockings, BÄR Bahnsicherung procures, coordinates, and delivers on time to your construction site.

Supply of Electronic Interlocking Cabinet

BÄR Bahnsicherung assembles your complete interlocking cabinets. Pre-assembly is carried out on a project-specific basis at one of our locations. This enables short assembly and installation times for your new interlocking system on site.

Indoor facility for Electronic Interlocking

We assemble your new interlocking on a turn-key basis. The positioning and wiring of the new interlocking cabinets in a building or in a technical cabin is carried out by our experienced interior system engineers. In doing so, we focus on a uniform appearance and a high-quality standard in your new indoor system.

Domino interlocking systems

We assemble proven interlocking technology with a great deal of expertise. A comprehensive range of services includes the assembly of the interior system of Domino interlockings. To meet the challenges of new constructions and conversions on installations in operation, we rely on well-trained, experienced, and motivated personnel.

In addition to the widely used Do69 and Do67 interlockings, BÄR Bahnsicherung also offers its expertise in DoC & Do55 interlocking conversions. With the typical assembly work of the interior systems, we also take care of the installation of the power supply and the remote control.

Outdoor Facility

We build your outdoor facility from A to Z. For the installation of the outdoor system, you are well served by Field Engineers from BÄR Bahnsicherung. The safety of the Field Engineers is always a priority, whether in a track closure or during operation. The installation department has a well-equipped fleet of vehicles at its disposal for the work to be carried out, including many special tools.

Train control ZBMS

The implementation of the ZBMS standard for metre gauge railways is in full production. In addition to the project planning, BÄR Bahnsicherung takes over all installation services of the outdoor system for the complete train control system ZBMS.

Cable pull

BÄR Bahnsicherung creates the complete cable system for you. We rely on reliable partners for the cable pulling of trunk cables. The laying of feeder cables is carried out by us or partner companies, depending on the scope. We are your contact for procurement, coordination, and quality assurance.

Safety Inspection

Factory inspection, independent expert analysis and safety reports.





We know what matters when it comes to safety issues. Thanks to the in-depth knowledge and broad experience of our experts, we can identify and assess the risks of your project. We, therefore, offer planners, system manufacturers and system operators a comprehensive service of high professionalism and thereby ensure safe installations and safe operation. The independence of the experts is guaranteed at all times by the process-oriented handling of the assignments.

Your companion during the planning phase and execution

Our competent experts check and monitor the planning and execution of your projects in accordance with regulations:

- Independent expert review of planning approval procedures, safety, and functional verifications
- Verification and validation of new developments
- Assessment, counselling and monitoring of Type-approval procedures
- Preparation of expert review
- Acceptance test on site and/or in the factory

The basis for your expert assessment

As part of the planning or execution phase, the project management department compiles the safety report or the safety proof for the security system for you, which must be available before the expert examination is processed.

Commissioning, Factory test, Hand over to commercial operation

The right concept for successful commissioning. Whether a track closure lasting several days or only a night shift is available for commissioning, our experienced implementation project managers and factory inspectors will develop the right commissioning concept for you.

Proactive - We Think Ahead

Teamwork is required from the start of commissioning to the hand over to commercial operation. We create the commissioning program for you and coordinate all the specialists involved.

Expert examination for the planning and execution phase as well as for type approvals

We test independently and competently. As a customer, you benefit from our many years of experience in the field of testing. Our experts test your projects competence and reliability for safe commissioning. At the same time, the independence of the experts is always guaranteed through the process-oriented handling of the assignments.

Verification and Validation of New Developments

We support our customers in verification and validation for hardware and software components. Our experienced experts work in partnership with our customers during verification and validation.

Training & Further Education

With our range of training and courses, we support you in strengthening, maintaining, and expanding the specialist knowledge of your employees.





Our Offer for your Success

Our training courses offer you the exclusive expertise of experienced experts as well as direct practical relevance in the subject areas:

- General principles of railway safety
- EUROLOCKING Electronic Interlocking
- Relay Interlockings
- Train control & Remote Control systems

Would you like training customised to your needs?

Discuss specific solution options with us. Our team will be happy to answer any questions you may have.

Our Instructors

All are active at BÄR Bahnsicherung. They can provide you with a great deal of practical knowledge due to their experience in the relevant task area. They are particularly keen to train you with the best possible resources. Our instructors see their commitment as an interesting change from their daily work.

Your expertise and your needs are our focus. With SVEB-certified course leaders, a professional course structure is guaranteed.

Degree and Certificates

For participating in our courses, you will receive a course certification/ confirmation, which confirms your commitment to education and training, as well as a corresponding certificate after passing the learning module.

BÄR Bahnsicherung AG

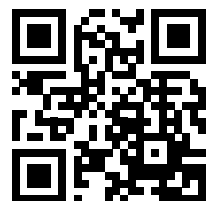
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