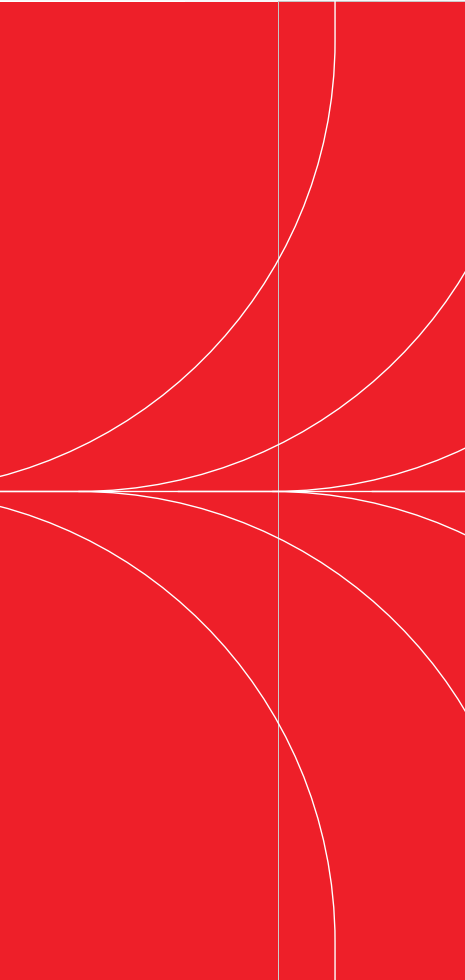
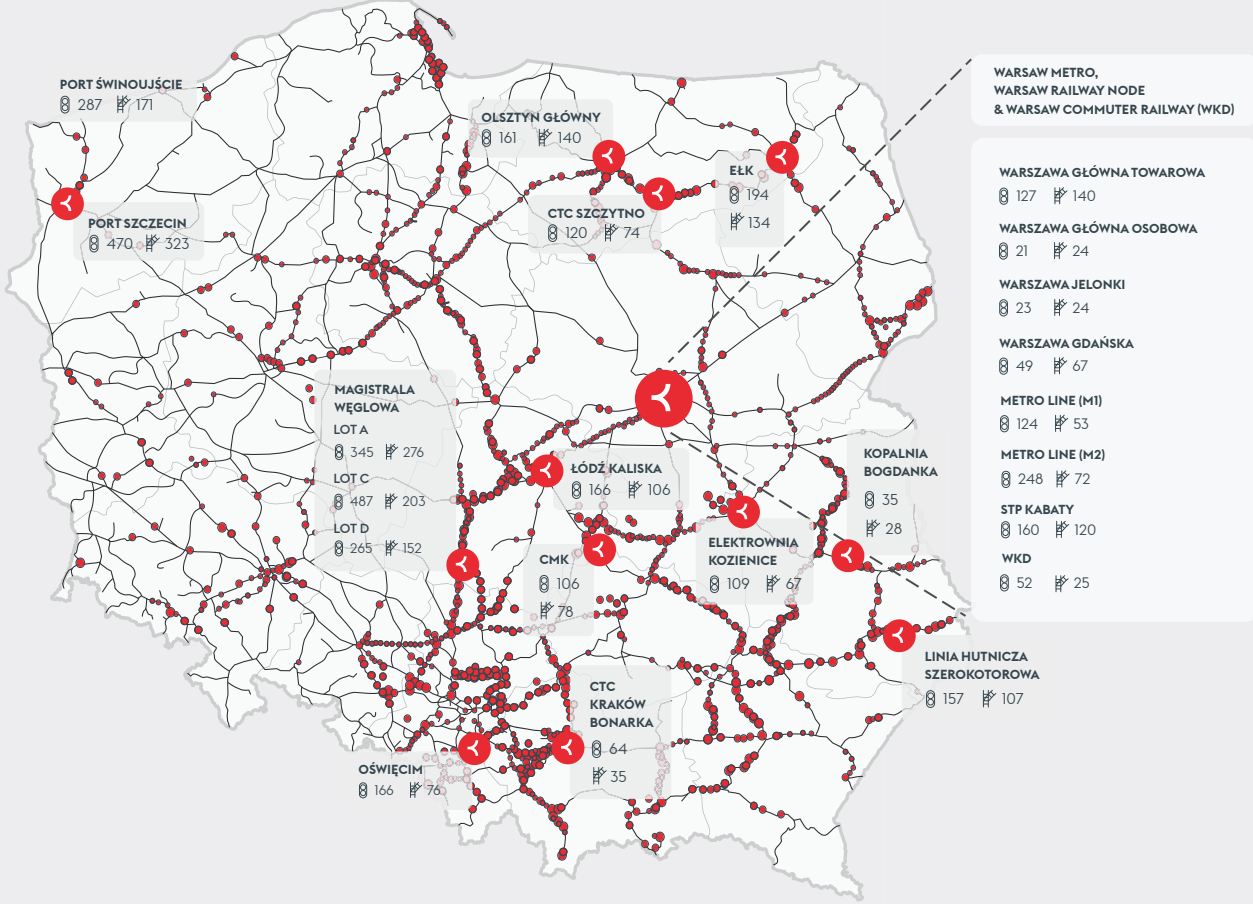


Selected references in Poland



Rail Traffic Control
& Management



Metro systems



Rolling stock
automation



Military solutions



Design
services



Cybersecurity

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Control and automation
systems for critical
infrastructure

We release potential of rail transport,
new technologies and talent of our
people.

Almost **35** years of
experience in railway traffic
management systems.

> **65** systems and devices
certified for use in
European Union

Over **700** employees,
including **400** engineers



Who we are

For nearly 35 years, we have been driven by the belief that a modern and reliable railway is the foundation for building a strong economy, ensuring equal opportunities, fostering international integration, and protecting the climate.

Our solutions and systems ensure the safety of millions of passengers and make the daily work of railway staff easier. We specialize in solutions for critical infrastructure. Our technological and capital potential places us among the leaders in the railway signalling market in Central and Eastern Europe.

We offer a complete portfolio of systems based on European ERTMS standards. By maintaining full control over the entire value chain - from research and development, through production, to maintenance - we ensure the safety and stability of infrastructure, especially in crisis situations.



Station systems

The heart of our railway offer includes computer-based interlocking systems, local and remote traffic control systems, as well as diagnostics solutions. Our traffic control centers can manage both computer and relay based interlockings in any configuration from single CTC. We have experience in implementing ETCS Level 1 and Level 2.

> **300** train stations



Metro systems

We offer a full range of systems for Metro management, from local and central traffic control, through building and subway infrastructure applications controls (BMS), systems for detecting objects in the danger zone (SDO), systems for dynamic passenger information (SIP) to stray current monitoring solutions. We have also developed our own CBTC class automatic train control system.

39 metro stations in Warsaw



Reliable PLC controllers for rolling stock

We provide technical support, local service, and solutions tailored to the customer's needs, enabling rolling stock manufacturers to fully control the design and production process. This allows our partners to develop their own solutions and know-how, building their competitive advantages.



Level crossing protection systems

Our portfolio includes systems for all categories of level crossings. We produce automatic systems, systems operated by railway staff as well as interfaced with station devices developed in either computer or relay technology. We have delivered over 4,000 gate drivers, which we produce in hydraulic or electromechanical version for barriers up to 12 meters long. We have also developed a system for notifying dispatcher, which increases the safety and capacity of railway lines. The entire system including railway cabinets and containers is fully made by our Group, ensuring a long life cycle and low maintenance needs.

> **2500** level crossing systems



Digital line block system

Our line block system can be configured for all types of railway lines with any number of tracks. It can cooperate with any type of occupancy detection systems as well as all types of station devices and level crossing systems. The CBL 2010 can be configured as: single-block semi-automatic linear interlocking system, single-block automatic linear interlocking system, multi-block automatic interlocking system (two-, three-, or four aspects) and a linear interlocking block system with an automatic block post.

> **400** single-tracks of digital line block system



Cybersecurity

We are a pioneer of cybersecurity for railway traffic control systems. We apply advanced security standards, including the requirements of the IEC 62443 norm family – delivering a cornerstone for future compliance with cybersecurity in infrastructure defined in NIS2 directive of EU Parliament. We have launched our own Security Operational Center SOC / Computer Security Incident Response Team (CSIRT). Our company not only invest in technical and organizational solutions, but also is a member of the community of specialists working for cybersecurity in Poland.



Industrial stations

We provide tailor made solutions which can be integrated to existing industrial and logistic systems and for any type of industrial facilities. At the same time, we provide compliance with the current requirements of the office of Railway Transportation Office enabling a smooth certification process.

Critical infrastructure of the largest industrial plants in Poland (Power Plant Kozienice, Bogdanka Mine, Szczecin – Świnoujście port complex).