

find out more

www.akson.com.pl





AKSON ELEKTRO

Comprehensive solutions for building and industry in the field of automation, electrics and teletechnical systems

We are pleased to present you the offer of Akson Elektro - an expert in comprehensive solutions for building and industry in the field of automation, electrical and teletechnical systems. With more than 20 years of experience and a team of engineers specialising in various fields, we offer innovative and reliable solutions tailored to the most demanding needs of our customers.



Building Automation

We provide a full range of building automation services. Building automation allows you to control and manage a wide range of building systems and equipment such as lighting, air conditioning, heating, security systems and even energy management systems. Using cutting-edge technology, we can help you create an intelligent building that manages energy efficiently, provides security and maximises occupant comfort. Your building under control.

That's our job.

The main benefits are:

- **Savings:** Our BMS systems automatically manage energy consumption, resulting in significant cost savings.
- **Comfort:** BMS systems make it easier to manage temperature, lighting and other parameters in a building, improving occupant comfort.
- **Safety:** Building automation can work in conjunction with security systems to ensure the safety of occupants.

Teletechnical Systems

We specialise in the design, installation and maintenance of all types of teletechnical systems for industrial buildings, public buildings, warehouses and shopping centres.

We offer complete, fully integrated solutions for low voltage systems that include:

- **Alarm systems:** Ensure safety and security by detecting threats such as burglary and fire.
- **Access control systems:** Provide security by restricting access to specific areas of the building.
- **CCTV systems:** Monitor activity around the building to provide security and identify people.
- **Intercom and video intercom systems:** Allow communication with people outside the building.
- **Intrusion and robbery systems:** Detect attempted break-ins and unauthorised access.
- **Gas detection systems:** Detect leaks of harmful gases, protecting people's health and safety.
- **Audible and visual signalling systems:** Provide information about hazards and emergency situations.
- **LAN systems:** Provide the necessary link to enable communication and data transfer between computers and other networked devices.
- **Voice Alarm Systems (VAS):** Enable people to be quickly and effectively notified of various types of hazards, such as fires, evacuations or other emergencies.



Key benefits:

- **Safety:** We offer advanced security systems that protect property and people from unauthorised access, theft or other threats.
- **Convenience:** Our systems allow easy and convenient management of the building, always according to the needs of the users.
- **Integration:** All our systems can be integrated with each other, enabling easy and efficient management of the entire building infrastructure.

Electrical Installations

The basis for the safe and efficient operation of any room, regardless of its purpose, is a robust and reliable electrical installation. It is responsible for providing the power required to operate all equipment and systems, from simple appliances to complex industrial machinery. We work to the latest standards of safety and energy efficiency and our team of experienced engineers ensure that every job is completed with precision and attention to detail.

Key benefits:

- **Safety:** Professional electrical installation ensures the safety of building occupants and the protection of equipment. Compliance with the latest standards and regulations means that the risk of failure, fire or electrocution is minimised.
- **Energy efficiency:** Modern solutions optimise energy consumption, resulting in lower electricity bills.
- **Uninterrupted equipment operation:** The reliability of our installations guarantees continuous power supply to all equipment. This eliminates the risk of downtime and associated losses.

Low Voltage and Automation Service

We offer a professional low voltage and automation service. We deal with both the repair of any faults and regular maintenance to ensure that the systems operate faultlessly.



Key benefits:

- **Reliability:** Regular maintenance ensures that systems continue to operate, increasing their reliability.
- **Longevity:** Keeping systems in good working order extends their life.
- **Optimisation:** Monitoring and servicing systems allows them to be optimised, improving comfort and safety, associated losses.

Industrial Automation

We are experts in industrial automation, providing bespoke solutions to meet our customers' needs. We automate a wide range of processes, from simple operations to complex production lines. We tailor our solutions to your individual needs, increasing the efficiency and reliability of your production processes.

The main benefits are:

- **Increased productivity:** Automation of industrial processes increases their speed and precision, resulting in higher production efficiency.
- **Cost reduction:** Automation reduces operating costs by minimising errors and waste, thereby increasing process efficiency.
- **Safety:** Modern industrial automation systems can monitor and ensure workplace safety, protecting workers from potential hazards.

Installation of Technological Lines

Key benefits:

- **Productivity increase:** Professional process line assembly can be a key contributor to productivity and production efficiency.
- **Improved quality:** Precision assembly ensures that all components are installed correctly and perform as expected, which can lead to an improvement in the quality of the final product.
- **Reduce downtime:** The ability to assemble a process line quickly and efficiently can reduce downtime and allow production to start sooner.
- **Safety:** Professional installation ensures that all safety standards and regulations are met, which can help protect workers and infrastructure.

We have the skills and tools to assemble process lines with precision. The use of the latest assembly technologies and procedures ensures that all components are installed correctly and perform as expected.



Expansion of Technological Line Software

We offer process line software development services to help you realise the full potential of your production. We can increase functionality, add new features or integrate the software with other systems in your business.



Key benefits:

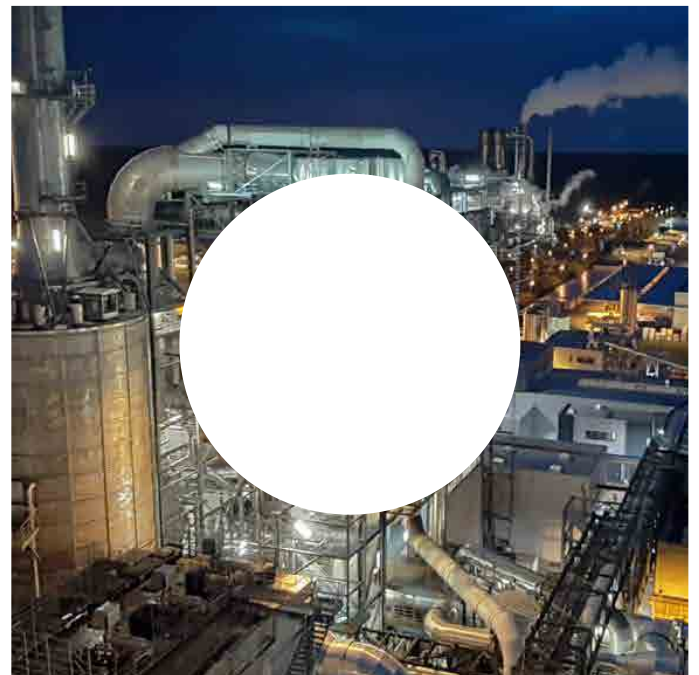
- **Increased functionality:** Software enhancements can add new functionality to the process line, allowing it to be used to its fuller potential.
- **Integration with other systems:** The ability to integrate the software with other systems in the company allows for better coordination and management of production processes.
- **Adaptability:** Enhanced software can be adapted to changing needs and requirements, resulting in greater flexibility and responsiveness to industry changes.
- **Process optimisation:** Enhanced software can contribute to better monitoring and management of processes, which can lead to optimised production and increased profitability.

Industrial Plant Maintenance

We provide complete maintenance support for industrial plants. Our services include both mechanical and electrical maintenance to optimise production and minimise downtime.

The main benefits are:

- **Production continuity:** We ensure that problems are resolved quickly and efficiently, minimising the risk of production downtime.
- **Savings:** Professional maintenance avoids costly breakdowns and extends the life of machinery and equipment.
- **Safety:** We ensure that all equipment is working properly, which affects the safety of workers.



Machine and Equipment Repairs

We offer a comprehensive repair service for industrial machinery and equipment. Our services include repairing and replacing components, upgrading and reconfiguring machines, as well as diagnostics and troubleshooting. With our technical expertise and experience, we can extend the life of your equipment, improve performance and minimise downtime.

The main benefits are:

- **Increased equipment life:** Regular maintenance and repair of machinery and equipment can significantly extend its life, saving the cost of purchasing new equipment.
- **Improving productivity:** Overhauls can help optimise machine performance, which in turn can lead to increased productivity.
- **Reduce downtime:** Professional repair of machinery and equipment can reduce downtime, allowing production to continue with minimal disruption.
- **Safety:** Regular overhauls help to maintain machinery and equipment in a safe condition, which is key to ensuring a safe working environment.
- **Equipment modernisation:** Machinery and equipment refurbishment can include equipment upgrades to meet new standards and technologies.
- **Reducing operating costs:** Regular overhauls can minimise the risk of breakdowns, which in turn can reduce the costs associated with operating machinery.



Technological Line Relocation

We have the expertise and experience to relocate production lines efficiently and effectively. Our services include project planning and management, dismantling, transportation, reinstallation and commissioning of production lines. Our understanding of technological processes and the complex nature of these projects allows us to provide the highest level of service.

The main benefits are:

- **Safety:** we guarantee safe dismantling, transport and installation of process lines, minimising the risk of damage.
- **Equipment and logistics:** we have the necessary equipment and experience to successfully complete the entire relocation process.
- **Production continuity:** Our operations are planned to minimise downtime and enable production to resume quickly.



Fibre Optic Welding

Understanding and mastering fibre optic technology is crucial in the modern world of telecommunications and IT. At Akson Elektro we offer fibre optic welding services that guarantee the highest standard of fibre optic connections. Each of our fibre optic joints is thoroughly tested for signal quality and joint integrity. We provide full documentation and certification of our work.



WHY AKSON ELEKTRO?

When you choose us, you get:



Experience

We have completed projects for the most demanding clients in a wide range of industries.



Quality

The high standard of our services is confirmed by numerous certificates and recommendations.



Comprehensiveness

We offer a wide range of services, enabling us to deliver turnkey projects.



Innovation

We use the latest technology to provide our customers with the best solutions.



Safety

We take care of the safety of our employees and partners by carrying out all projects in accordance with current standards.

Working with Akson Elektro not only gives you access to advanced technology solutions, but also a partner that listens to your needs and tailors the offer to meet your requirements.

OUR PROJECTS



Our solutions, which are a combination of IT and technical tools, serve to improve comfort, reduce energy consumption, optimize production processes and reduce operating costs.

We have a portfolio of more than 100 investments completed in cooperation with our long-term partners: Mostostal, Skanska, Adamietz, PBO.

Here are some of them.

Public Utility Facilities

Execution of teletechnical installations in public utility facilities such as:

- National Forum of Music in Wrocław,
- National Museum in Szczecin,
- Przełomy Dialogue Centre,
- Lower Silesian Science,
and Technology Park in Wrocław,
- Palmiarnia in Zielona Góra,
- Recreation and Sports Centre
in Zielona Góra,
- Swimming Pool in Sulechów,
- Tennis Hall in Zielona Góra,
- Kepler in Zielona Góra,
- Nature Centre in Zielona Góra,
- Athletics Hall in Zielona Góra,
- Fencing Hall in Drzonków.



Healthcare

Implementation of teletechnical and building automation installations in hospitals such as:

- New Hospital in Wrocław,
- Provincial Hospital in Zielona Góra,
- Independent Public Health Care Institution in Sulechów,
- Independent Public District Hospital in Nowogard.



Education

Execution of teletechnical installations for universities, schools and research and development units in such facilities as:

- University of Life Sciences in Poznań,
- University of Zielona Góra,
- University of Szczecin,
- Primary School SP 11 in Zielona Góra,
- Academy of Talents in Zielona Góra,
- Academy of Physical Education in Gorzów Wielkopolski,
- State Archive in Zielona Góra,
- State Archive in Gorzów Wielkopolski,
- Science and Technology Park in Nowy Kisielin,
- Academy of Art in Szczecin,
- Music School in Świdnica,
- Service Inter-Lab Centre for Knowledge Transfer and Innovation for the Service Sector in Szczecin,
- Interior Technology Park in Nowa Sól,
- Zielona Góra University Library,
- Regional Centre for Innovation and Technology Transfer in Szczecin.



Business and Retail

Design and implementation of teletechnical and building automation installations in shopping centres and office buildings such as:

- IKEA in Poznań,
- Focus Mall in Zielona Góra,
- E.LECLERC in Szczecin,
- Kaufland Zielona Góra,
- Santander in Wrocław
(award from Siemens for the most advanced facility in terms of building automation).



Production and Storage

Execution of teletechnical and building automation installations in production and storage facilities such as:

- TOMS chocolate factory in Nowa Sól,
- Lantmännen Unibake fresh and frozen bakery products factory in Nowa Sól,
- Mondelez chocolate products factory in Skarbimierz,
- Royal Pack Stone packaging and corrugated cardboard factory,
- Jost Nowa Sól safety-related systems production plant for the commercial vehicle industry,
- SWISS KRONO Polska wood products factory in Żary,
- Eobuwie in Nowy Kisielin,
- Rockwool mineral wool manufacturer in Cigacice,
- automotive components manufacturer Gedia in Nowa Sól,
- BIMS Wrocław wholesaler,
- Grycan ice cream manufacturer in Wrocław.





find out more

www.akson.com.pl



AKSON elektro sp. z o.o.

Kossaka 10, 65-140 Zielona Góra, Poland
NIP: 9291847236, REGON: 081051141