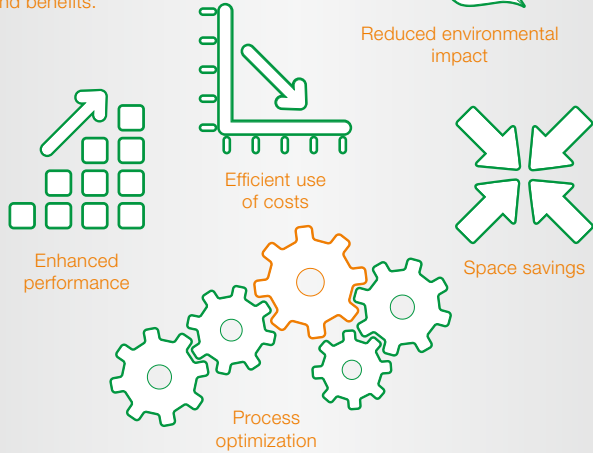


Advantages and benefits

our solution

Unique and large portfolio of solutions brings our customers many advantages and benefits.



Process Automation in the Czech Republic

Process Automation (PA) has a long tradition in the Czech Republic, well-proven by more than 20 years of experience and successful projects in the Czech Republic, Europe, and in other parts of the world. We currently employ almost 300 employees and work in 3 locations:

- Prague, Štětškova
- Ostrava, 28. října
- Most, Josefa Resslera

3x in the Czech Republic

Long-standing history well-proven by more than 20 years of experience. Projects in the Czech Republic, Europe and other parts of the world.



Almost 300 employees

Operation Center Czech Republic (CZOPC)

It was founded in 2002 based on ABB global initiative and it supplies engineering services throughout Europe, but fast developing center for supply chain management is also a part of it. The center was established as a small unit with 5 employees, yet now has more than 220 employees. In recent years it has doubled the range of services provided in the engineering area, and the number of employees has increased accordingly. Moreover, the CZOPC now also supports the development of control system for BU Marine and participates in the supply of a number of other services and systems in Europe and other parts of the world.

Regional Execution Centre for pulp & paper (REC)

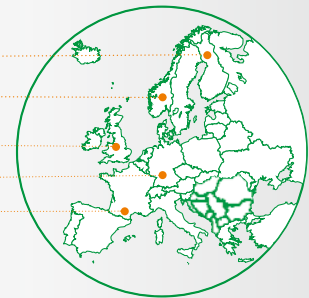
This is a centre for the paper industry in Europe, the Middle East, and Africa. It was found based on ABB global initiative combining Czech center for quality control systems and Finnish centre for drives. The ABB systems offer for the pulp and paper market includes the main drives for paper machines (PMD), systems for the Collaborative Production Management (CPM), quality control systems (QCS), distributed control systems (DCS), and web imaging systems (WIS). The centre in Ostrava is responsible for QCS, DCS, WIS and drives projects with the use of ABB products.

Export

TOP 5 in export

We supply successful solutions all around the world. The most important export countries: Norway, Finland, Germany, France and Great Britain.

- Finland
- Norway
- Great Britain
- Germany
- France



PA division on local market

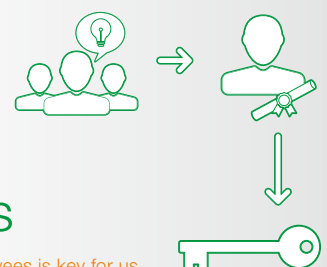
We also are active on the local Czech market. We provide our customers with process automation systems and solutions including supply of control systems, drives applications, and complex automation solutions for technological processes. We are also a well-proven supplier of a wide choice of products for measurement & analytics ranging from temperature, pressure, flow, level, and force sensors through drives, controllers, recorders to complex deliveries in continuous gas and liquid analysis area.

Development in the Czech Republic

The Ostrava facility has recently moved to the Nova Karolina Park building in the city centre. These new premises in Ostrava offer a better background for further development in the region.

A significant proportion of our funding is also invested in the development and education of our employees at all levels. We are also certified as ABB University Center in Ostrava for System 800xA training focused on operations, maintenance, engineering and configuration. Qualification and building the expertise and skills of our employees are key factors for achieving the quality of our provided services.

Employee development

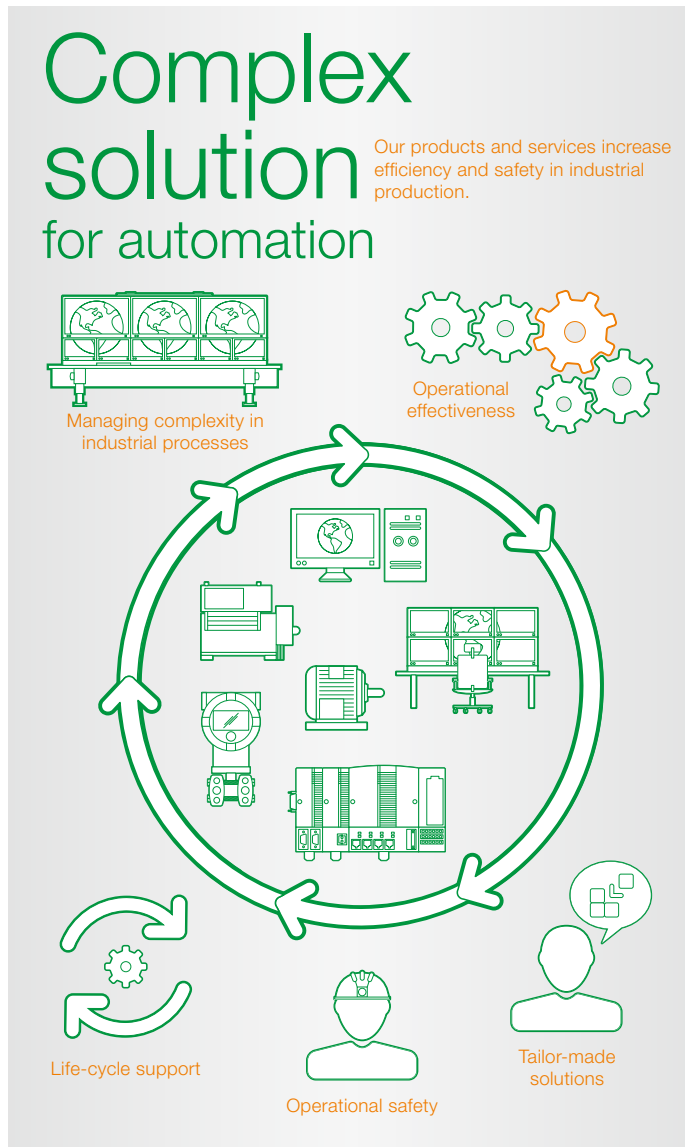


High quality of our services

Education and expertise of our employees is key for us.

Complex solutions for automation

We provide complete portfolio of automation solutions to increase quality, efficiency and accuracy to industrial processes ranging from the simplest to the most complex, including aftersales service. This includes control systems, measurement products, variable speed drives, motors and generators.



Managing complexity in industrial processes

Automation systems and industry environments are growing increasingly complex. Consequently, thousands of products and systems must work together seamlessly. We offer you solutions which help manage complexity in industrial processes.

- Control systems which enables to consolidate DCS, SCADA, PLC connectivity for plants with a mix of control system types and vendors
- Batch control over dynamic recipe parameters and all tools to achieve quality, including simulation support for all phases of the plant life cycle
- Decision making support via visualization and analysis of operations data in real time

Managing risk and helping keep plants safe

Managing risk and ensuring timely deliveries, as well as controlling costs and maintaining a budget, are some of the key challenges. Cyber security is another concern. We are a partner to ensure high levels of system performance, helping you benefit from a long-term

strategic approach to automation and using of our solutions:

- Plant safety systems – portfolio of safety systems with TÜV certification
- A common system for both process and power substation automation for removing people from electrical danger
- Cyber security - modular approach from built-in DCS security to fundamental & enhanced security offerings
- Safety critical instruments - sensors, valve positioners and actuators with high integrity level (SIL), increased safety motors with protection type Ex 'e'



Solutions to increase operational effectiveness

We help our customers to sustain capital productivity and utilize assets while adhering to local environmental and emissions regulations. Our solutions enable integrated operations while guaranteeing optimal operator effectiveness and productivity:

- Advanced alarm management, video, extended operator workspace, control room design, mobile solutions for operator effectiveness
- Integration of process and power systems together with system for energy management reducing operational costs and bringing energy savings
- Variable speed drives eliminating losses in energy chain, motors reducing energy costs and emissions

Tailor-made solutions to meet every requirement

We are able to tailor our solutions to the specific needs and requirements of your industry. We provide industry specific products, solutions and services. Our engineers maintain the highest levels of expertise on the automation and electrical equipment and processes used in your industry.

