

# Three that go together perfectly

## Your automation project, PROFINET and ABB



## Our common goal is your success

**If it is a question of having a crucial competitive advantage, you have to be able to respond quickly and flexibly at all times – when developing new systems as well as modifying existing ones.**

By using PROFINET® in your processes, you gain a bus system that allows structured automation solutions to be implemented quickly and professionally.

PROFINET is the open industrial Ethernet standard. More precisely, for you this means a considerable reduction in the costs and time involved in

- Development
- Wiring
- Diagnosis and maintenance

You have more freedom when designing and planning your process thanks to

- A large selection of automation components such as open loop controls, sensors, actuators and software
- Remote maintenance with standard IT tools such as Internet browser, e-mail or FTP
- Defined profiles for different applications such as PROFIsafe

**PROFINET, combined with ABB automation technology, gives you all the freedom, flexibility and investment security that you expect.**

Using ABB automation solutions, such as the scalable SPS AC500, allows you to benefit from a future-oriented modular concept.

### **The AC500 with a wide range of high-performance hardware and software components**

The AC500 gives you the biggest possible variety of solutions for applications in mechanical and plant engineering – even for use under extreme conditions or for complex security applications.

### **The PS501 Control Builder Plus for highly effective engineering**

You work with an intuitive tool that enables fast configuration of components including all interfaces and fieldbuses, such as PROFINET, and has extensive software libraries.

Alongside the high performance of the AC500, you can also rely on long-term availability as well as future and investment security. ABB is one of the world's leading companies in the area of automation engineering. We support you from the planning phase right through to commissioning and prompt after-sales service – worldwide.



## Ideal for all industries

**With ABB, you have a strong, globally present partner at your side who provides you with a comprehensive and suitable solution for your automation tasks.**

ABB has practical experience in every industry and in almost every field of application. ABB has broader expertise than virtually any other company when it comes to automation systems. Utilize the experience of our global experts, who are at your side with help and advice to ensure successful planning, set-up and operation of your systems.

We provide special seminars – on site if required – to give you and your employees specific, in-depth training. With PROFINET and the ABB AC500, your automation tasks are faster and more flexible and you considerably reduce costs and effort.



### The benefits of PROFINET and ABB

- Ethernet as the basis for flexible interaction of all components
- PROFINET the open industrial Ethernet standard.
- Uniform communications technology, horizontally and vertically
- PROFINET Serial Interface
- PROFINET CAN Proxy
- Remote maintenance using standard IT tools via Internet
- Modular set-up of all AC500 hardware and software components
- CoDeSys programming environment
- Safety applications
- Use in extreme environments
- Comprehensive support
- Future and investment security
- Global presence

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## Contact us

### ABB Automation Products GmbH

Wallstadter Str. 59  
68526 Ladenburg, Germany  
Phone: +49 (0) 6221 701-1444  
Fax: +49 (0) 6221 701-1382  
Email: [plc.sales@de.abb.com](mailto:plc.sales@de.abb.com)

[www.abb.com/plc](http://www.abb.com/plc)

[www.abb.com/drives](http://www.abb.com/drives)

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