



Bihl+Wiedemann GmbH

Schneider Electric Collaborative Automation Partner Program



- **Technology leader for AS-Interface (AS-i) connectivity to major fieldbuses**
- **Highest possible expertise for both AS-Interface and AS-i Safety at Work**
- **Will create customer-specific products that meet the requests of customers**

Bihl+Wiedemann GmbH

Bihl+Wiedemann GmbH was founded in Mannheim, Germany, by Jochen Bihl and Bernhard Wiedemann. This highly specialized engineering company is among the leading providers of safety technology and electronic components for automation technology using AS-Interface.

Leading with AS-Interface since 1995

The history of Bihl+Wiedemann is full of milestones setting the edge of the technology in AS-interface and fieldbuses. Since its start in 1992 the company has committed to the development, production and market of technologically advanced products that gives the customers a solution with technical advantages to differentiate from the competition.

Since 2005 the company offers their customers solutions for personal and machine safety. These are also solutions with great savings in installation costs and maintenance, as well as minimizing the down-time of the machines while allowing a very high safety integrity level.



Bihl+Wiedemann headquarters, Mannheim, Germany

International offices and distributors

In addition to the headquarters in Mannheim, Bihl+Wiedemann has their own subsidiaries in Turkey, Denmark and China. International sales partners also ensure that Bihl+Wiedemann is represented around the world.

Range of products and services

The range of services at Bihl+Wiedemann GmbH includes:

- > Development and production of safety-related products for automation
- > Development and production of AS-Interface products based on proprietary technologies
- > Applications consulting related to AS-Interface and AS-i Safety at Work
- > Training courses in the field of AS-Interface and AS-i Safety at Work
- > Certification of AS-i networks
- > Troubleshooting in AS-i networks
- > Contract development of customized automation solutions
- > Customized developments and production of fieldbus interfaces and components for virtually any system

Bihl+Wiedemann - CAPPprogram

The focus of Bihl+Wiedemann's automation & control products which are authorized for the CAPPprogram lies on products for AS-Interface. With the Bihl+Wiedemann AS-i Gateways the AS-Interface network, which is the lowest level of the automation pyramid, can be controlled and linked directly to the host such as PLC, PC, DCS, etc. These Gateways are available for different fieldbuses, e.g. Modbus, Modbus Plus, EtherNet/IP, Profibus and Profinet allowing the customer to easily link his AS-Interface network to whatever common PLC from Schneider Electric.

Solutions

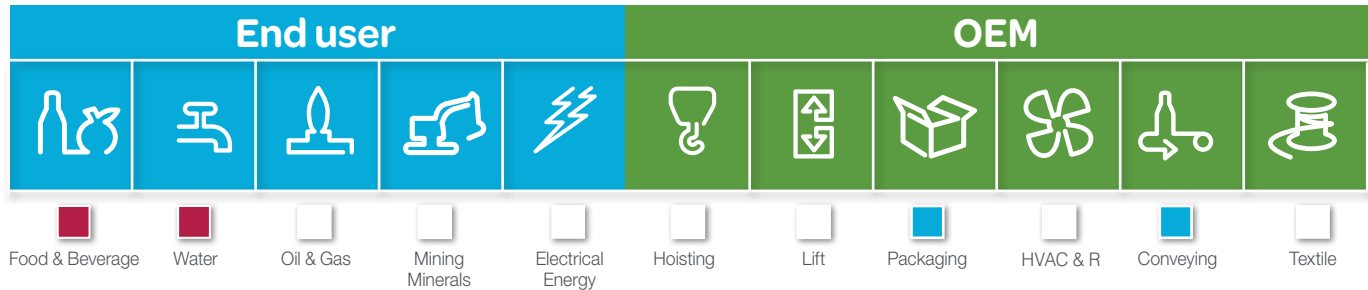
Bihl+Wiedemann's expertise allows to quickly meet customer demands and to create customer-specific products according to their requests. As a CAPP Company Bihl+Wiedemann's products have been tested for compatibility with the Schneider Electric system resulting in a complete no-worries solution for the customer.

Unique value proposition

Being an AS-Interface and AS-i Safety specialist Bihl+Wiedemann enhances Schneider Electric's solutions. In addition, Bihl+Wiedemann is able to meet very specific customer needs because of its highly developed adaptability and expertise.

Market served

■ Primary sectors of activity
 ■ Secondary sectors of activity



Areas of expertise

- > Multi-Vendor Connectivity
- > Tooling Machines
- > Special Machines

Authorized CAPP products

Authorized CAPP products	Product description	Distinguishing characteristics
AS-i 3.0 / EtherNet/IP + Modbus TCP Gateway with integrated Safety Monitor	Gateway to connect AS-Interface to a higher level network as well as to monitor AS-i Safety at Work networks.	Gateway and Safety Monitor in one housing in stainless steel.
AS-i 3.0 / EtherNet/IP + Modbus TCP Gateway	Gateway to connect AS-Interface to a higher level network.	Gateway in stainless steel housing.
AS-i 3.0 / Modbus Gateway	Gateway to connect AS-Interface to a higher level Modbus network.	Gateway in stainless steel housing.
AS-i 3.0 / Modbus Plus Gateway	Gateway to connect AS-Interface to a higher level Modbus Plus network.	Gateway with advanced AS-i diagnostics.
AS-i 3.0 / Profibus Gateway	Gateway to connect AS-Interface to a higher level Profibus network.	Gateway in stainless steel housing.

For more detailed product information, please consult: www.bihl-wiedemann.com

Contacts



All necessary escalation

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