

ASi-5

Automation reinvented.

ASi-5 is the latest innovation stage of AS-Interface (ASi), a globally standardised fieldbus system for the first automation level. ASi connects sensors and actuators with a controller via a single two-conductor profile cable. The yellow ASi cable transmits power and data at the same time.

The proven main benefits of ASi are, among others, dramatically less wiring, free choice of topology and cost-efficient integration of safety on the same infrastructure. In addition, compared to other fieldbus systems, ASi needs no connectors for data and power integration.



ASi-5 – Your advantages at a glance

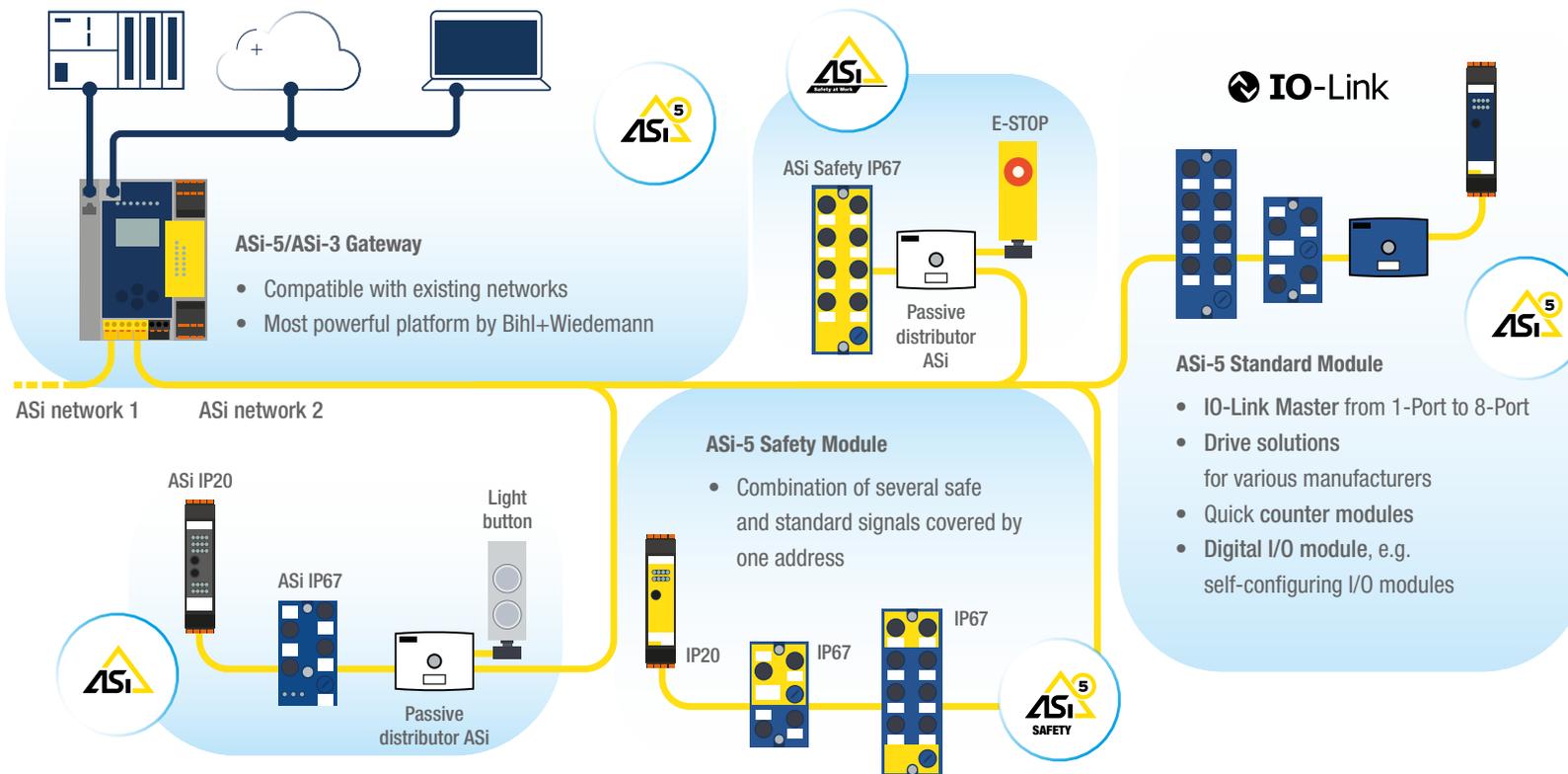


Benefit from all well-proven ASi strengths...

- Transmit data and power in a single two-conductor profile cable
- Freely choose your topology without costly switches (tree, ring, star, line)
- Cost-efficiently integrate safety on the same infrastructure
- Easily install and expand your system using ASi piercing technology
- Certified products for manufacturer-independent compatibility
- Affordable noise-resistant system that does not require shielding

...and from the new powerful ASi-5

- 1.27ms cycle time for up to 384 input and 384 output bits
- 16-bit I/O data and profiles with up to 32 bytes of process data for each node
- Easy integration of smart sensors and actuators such as IO-Link
- ASi-5 is compatible with all earlier ASi generations for combined use of different ASi modules
- Highly economical because of reduced costs per input / output
- Advanced diagnostics for predictive maintenance



More info on the web