



AS-Interface Master News (01/2024)

Safety Solution for AGVs – Versatile, Cost-Effective, Safe Communication with Each Other

Let us help you implement your individual **automated guided vehicle (AGV)** system cost-effectively. Our versatile safety solution enables the AGVs to communicate safely with each other and even with a central unit. So, for instance, **all AGVs can be easily switched off centrally by a safe E-stop signal** – via LAN, WLAN, 5G and many others.



[Contact us to discuss your AGV requirements.](#) We will be happy to develop the ideal solution together with you.

Advantages of our AGV Solution



Extensive safety modular system: We put together an optimum solution for your AGV from a wide range of safety technologies, e.g. for connecting a SICK safety laser scanner or for the safe evaluation of positions and speeds.



Many additional functions: The solution also offers building blocks for signaling, drive control and even support for AGV control.



Fieldbus-independent communication: Safe data exchange e.g. via [PROFIsafe](#), [CIP Safety](#), [Safety over EtherCAT](#), [openSAFETY](#), [Safe Link](#) and [ASi](#). Communication is possible via [PROFINET](#), [EtherNet/IP](#), [Modbus TCP](#), [EtherCAT](#), and [CANopen](#).



Optimized design: We optimize the housing according to your individual requirements for use in an automated guided vehicle.



Safe Link: Cost-effective, safe data exchange between up to 31 AGV transport systems via Ethernet or WLAN; central emergency stop for installations, halls, and groups.



More information

Further questions about our products and solutions?

We would be happy [to assist you](#).



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