



Single Pair Ethernet

The network infrastructure for the Industrial IoT

Dear Sir or Madam

Currently, numerous large companies, industry consortia and market influencing user groups are working on the definition of the framework parameters of Single Pair Ethernet technology (SPE). In the future, a complete ecosystem will emerge from this technology. Similar to fieldbus-based automation in the 1980s and Ethernet communication in the 2000s, complete digitalization will take place in industry in the 2020s. According to current estimates by many market experts, Single Pair Ethernet will form the basis of the communication infrastructures required for this.

Weidmüller and partners from the field of electrical connectivity all rely on the innovative Single Pair Ethernet technology when developing new industry standards.

Find out more in this newsletter issue about the opportunities that this new technology offers for the industrial cabling of tomorrow and our corresponding product range.

Let's connect.



Peter Walker, Global Industry Manager, Device Manufacturing

Products and Solutions

Optimised, reliable data connection of the future



Single Pair Ethernet (SPE) is the extension of Ethernet technology. SPE is compact, flexible, and supports continuous Ethernet communication from the sensor to the cloud. SPE therefore is the optimal solution for extending Ethernet networks to the field level.

- Particularly compact
- Made for highest demands
- Easy to use
- Ready for the challenges of tomorrow

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SPE meets OMNIMATE® 4.0

Discover the new, modular, hybrid system to build every kind of connector for data, signal and power - also ready for IIoT. The future-proof system is suitable for the highest requirements of the digital and connected world.

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On the path to a uniform market standard

The SPE System Alliance is an association of leading technology companies from different industries and fields of application who bundle and exchange their expertise regarding Single Pair Ethernet. All partners pursue the common goal of promoting the SPE technology for the IIoT and every other field of application. Details and opportunities to contact the SPE System Alliance can be found on the website.

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Turning four into one

The advantages of SPE explained in simple terms!

The Industrial Internet of Things is increasingly determining the processes of numerous industries. Single Pair Ethernet is the data infrastructure of the future.

Our SPE expert Simon Seereiner shows you in short clips what SPE exactly is, where it comes from and what the advantages are.

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Services

Useful resources to help you to find the right products

White paper

We share our expertise: Find out detailed information and interesting facts about the trend topic SPE in our white paper section.

[FREE WHITE PAPER >](#)



Further information

Do you need further details on our SPE products? Find out quickly and easily in our brochure and fact sheet.

[DOWNLOADS >](#)

Expert session

Missed our Digital Conference 2021? No problem, you can call up our expert session on SPE as often as you like, regardless of time and location.



Single Pair Ethernet – Optimised, reliable data connection of the future

Our team of experts take you to the future. Introducing Single Pair Ethernet: The network infrastructure for the Industrial IoT. Particularly compact and future-proof, made for highest industry demands.

Get inspired in this short and concise session.

[TO THE RECORDING >](#)

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