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Press Message

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## **The Swedish railway authority Trafikverket relies on the innovative railway solution from Pilz for its digitisation project - Safe control technology for the Swedish railway network**

**Ostfildern, 14.12.2023 - The automation expert Pilz has won a tender from the Swedish Transport Administration, Trafikverket. Pilz was awarded the contract to modernise the communications infrastructure across the nationwide rail network. Based on the Pilz railway controller, data transfer will be converted from analogue, copper technology to more powerful, more reliable glass fibre technology.**

Trafikverket recently announced that Pilz was one of the successful bidders in the tender "Safe Relay Messages over Opto (SRO)". This will see the infrastructure on railway lines gradually converted to digital technology. With 14,200 kilometres of track, Trafikverket owns and manages the majority of the Swedish rail network.

### **Digitisation? Safety guaranteed!**

In future, the innovative railway control system from Pilz will take over communication between the interlockings and control cabinets on the line, based on the safe real-time Ethernet SafetyNET p. For example, it can be used to forward information about the utilisation of the line or to control signals. The digital I/O signals are transferred via glass fibre long-distance connections. The solution from Pilz also guarantees safe operation in accordance with SIL4 and EN 50126.

Further information on [digitisation solutions for the railway industry](#) from Pilz



***Caption:***

You can find texts and images for downloading at:

<https://www.pilz.com/en-INT/company/press/messages/articles/239420>

### **Pilz - The Spirit of Safety**

Pilz is a global supplier of products, systems and services for automation technology. As a pioneer of safe automation, Pilz creates safety for human, machine and environment. Founded in 1948, today the family business with its head office in Ostfildern is represented worldwide with 2500 employees in 42 subsidiaries and branches.

The technology leader offers complete automation solutions for Safety and Industrial Security on the machine. These include sensor, control and drive technology – as well as systems for industrial communication, diagnostics and visualisation. An international range of services with consulting, engineering and training completes the portfolio. Pilz solutions are used in many industries beyond mechanical engineering, such as intralogistics, packaging, railway technology, or the robotics sector for example.

## **Pilz in social networks**

In our social media channels we give you background information concerning the company and the people at Pilz, and we report on current developments in Automation Technology.



<https://www.facebook.com/pilzINT>



[https://twitter.com/Pilz\\_INT](https://twitter.com/Pilz_INT)



<https://www.youtube.com/user/PilzINT>



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