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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 at www.pilz.com also for downloading. To go directly to the relevant internet pages in the press centre, enter the following Web code in the search of the home page.: **239420**

The Pilz Group

The Pilz Group is a global supplier of products, systems and services for automation technology. Based in Ostfildern, near Stuttgart, the family-run company employs around 2,500 people. With 42 subsidiaries and branches around the world, Pilz supplies safe solutions for people, machinery and the environment. The technology leader offers complete automation solutions comprising sensors as well as control and drive technology - including systems for industrial communication, diagnostics and visualisation. Consulting, engineering and training round off its international range of services. In addition to mechanical and plant engineering, solutions from Pilz are used in many sectors such as wind energy, railway technology and robotics.

www.pilz.com

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>



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