Railway Ethernet Switch

Enhancing network performance and security on trains

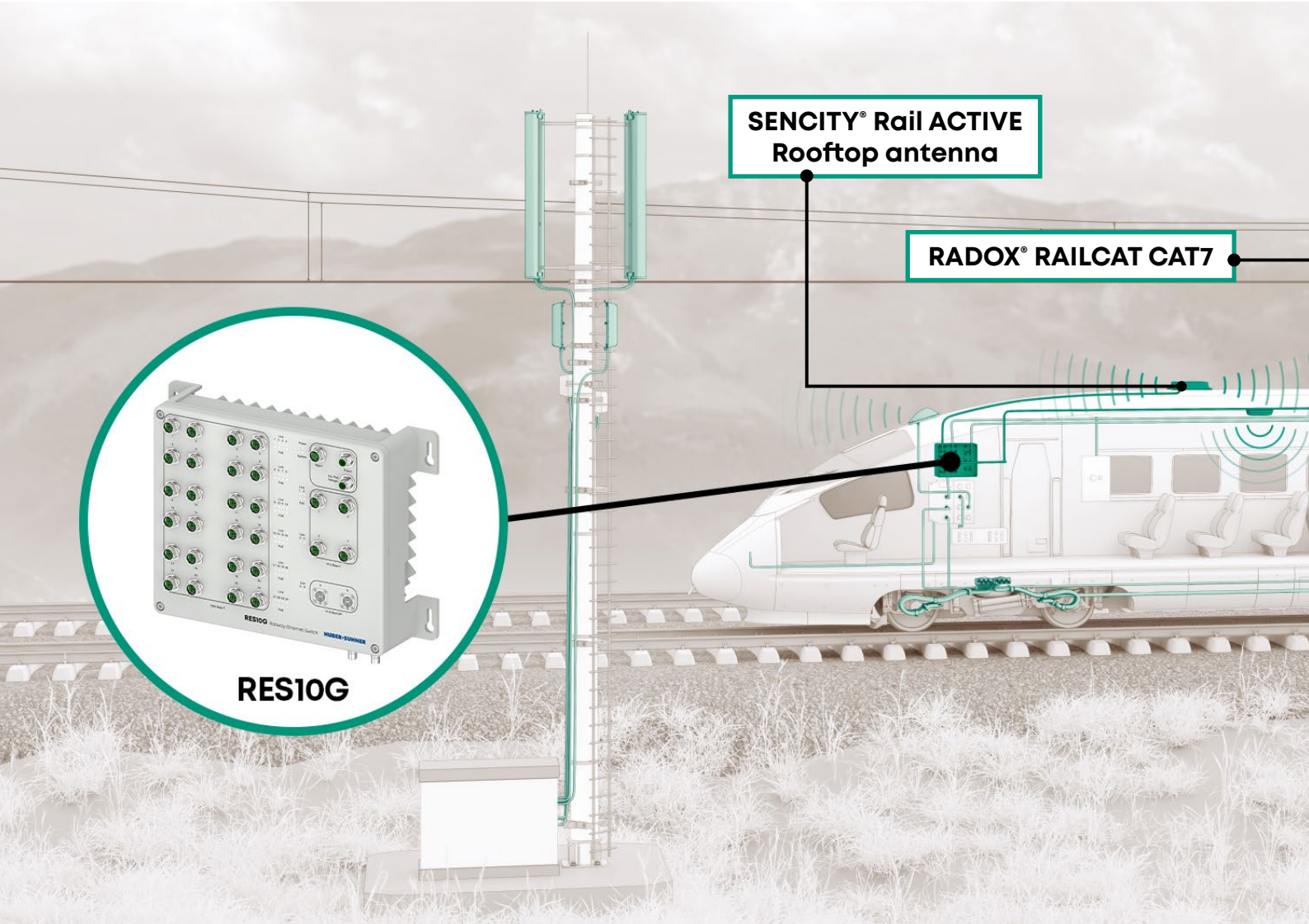


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Connecting all network devices

As the number of applications connected to the Train Operator Network (TON) continues to increase, the Railway Ethernet Switch **RES10G** is designed to help railway operators and system integrators to improve both network performance and security on trains, providing the necessary infrastructure



Key features

Latest Power over Ethernet Standard

Supports the latest Power over Ethernet (PoE) standard, IEEE 802.3 bt Type 4, with full four-pair power transmission and up to 90 W output power per port. It is also backward compatible with previous PoE standards.

Extended PoE power budget

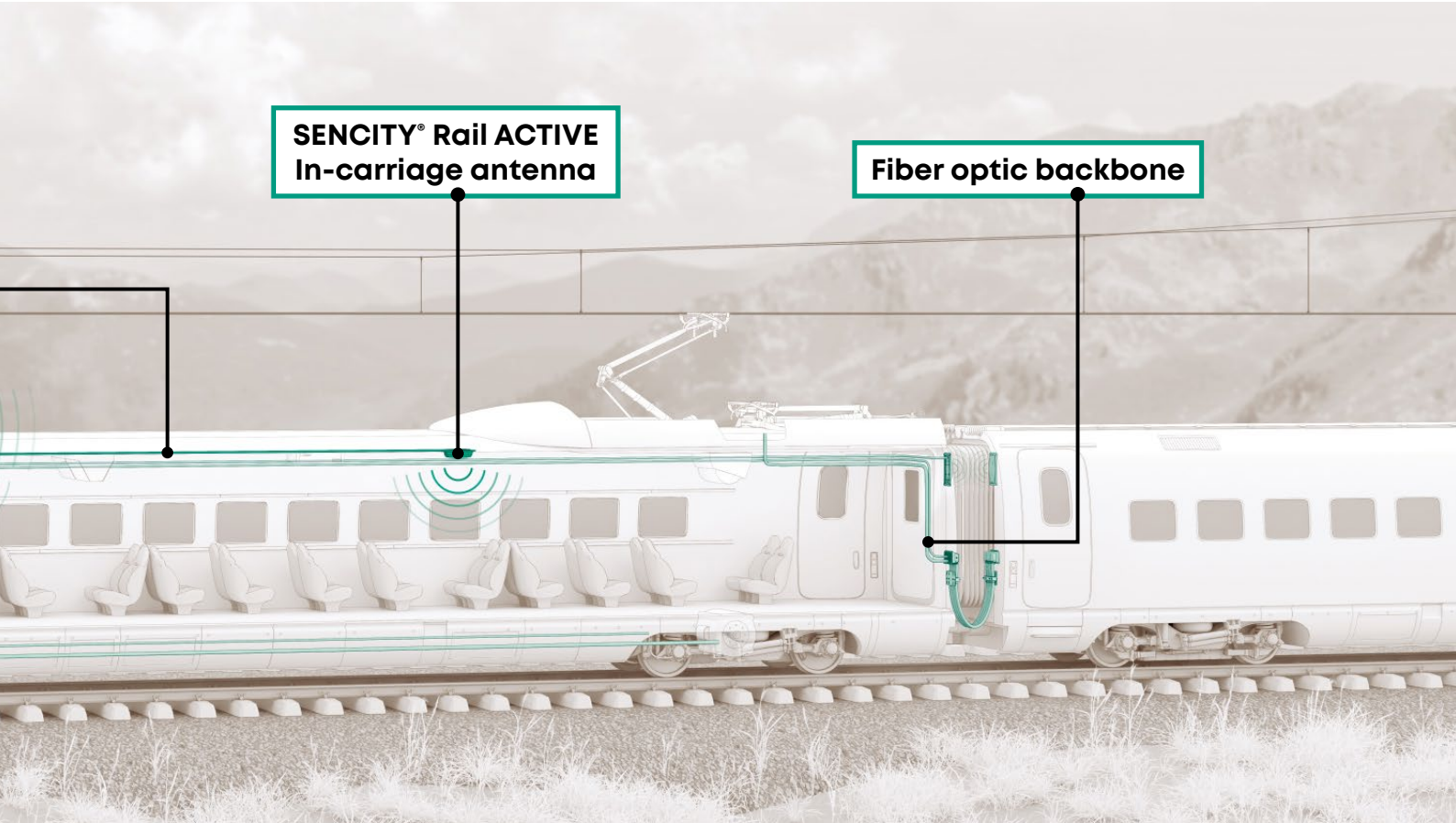
To increase the overall PoE power budget, a separate power supply can be used to feed directly the PoE supply voltage to unload the internal power supply and to reduce the heat dissipation of the switch.

High port density and fast installation

Thanks to M12 push-pull connector technology a high port density with 24 user ports and 6 uplinks is accessible via the front of the switch with still an easy and fast installation.

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to manage these growing demands efficiently. The switch connects all on-board Ethernet-based devices, supporting a range of applications including passenger Wi-Fi, cellular and satellite uplinks, and passenger information systems.



State-of-the-art and secure management

NETCONF/RESTCONF management protocols allow a fully automated configuration and seamless integration in umbrella network management platforms.

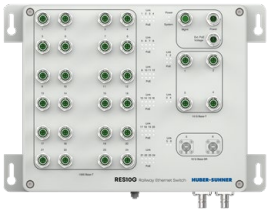
Made in Germany

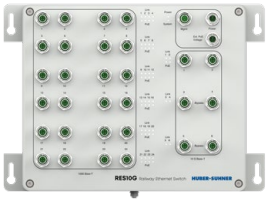
Designed, developed and manufactured in our own production sites located in Germany. Fully compliant with the Railway standards EN 50155 and EN 45545-2.

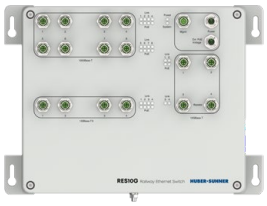
Future-proof product

Hardware features like 10 Gigabit Ethernet, Power over Ethernet and a high port density combined with a sophisticated software operating system, offering all options for on-board train networks.

Available versions







	RES10G-2804-2SR-26P	RES10G-3006B-26P	RES10G-3006BB-26P	RES10G-1604B-14P
10GBase-SR	2	0	0	0
10GBase-T	4	6	6	4
10GBase-T with Bypass	0	2	2×2	2
1000BASE-T	24	24	24	8
100BASE-TX	0	0	0	4
Power over Ethernet	26	26	26	14

For more product information, please visit our website

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Waiver
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