

The image shows a Siemens SIPLUS extreme RAIL control system installed in a railway environment. The system consists of a main control unit and a modular terminal block, both housed in a dark grey metal enclosure. A green cable is connected to the terminal block. The background is a blurred view of a train platform with a red and white train passing by.

SIEMENS

Ingenuity for life

High performance
for trackside and
rolling stock.

SIPLUS extreme RAIL – fit for the challenges of railway transportation

Rail-tested and approved

Thanks to their extensive certifications and conformity to railway standards, the new SIPLUS extreme RAIL products are the perfect choice for all applications in railway transportation.

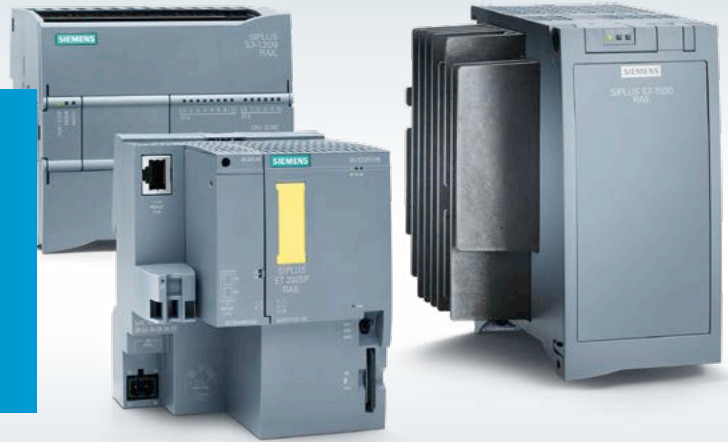
A modular design and standard engineering make the SIPLUS extreme RAIL products an excellent system solution for a wide range of rolling stock and trackside applications.

SIPLUS extreme RAIL – benefits at a glance

- Approved in accordance with EN 50155, EN 50121, EN 50124, EN 50125, EN 45545
- PROFINET-based communication and efficient engineering in TIA Portal
- Universal and modular control solution

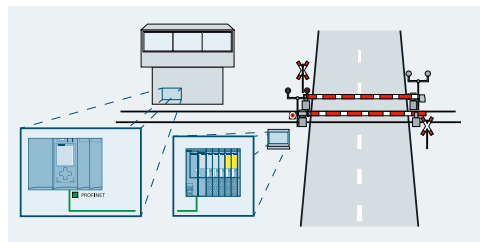
[siemens.com/siplus-extreme-rail](https://www.siemens.com/siplus-extreme-rail)

SIPLUS extreme RAIL – for harshest conditions in rolling stock and trackside

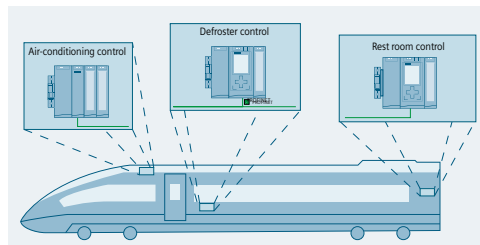


The right controller for every application

- SIPLUS S7-1500 RAIL high-end controller – HVC systems (heating, ventilation, climate), lighting systems, body inclination, fail-safe controllers for signaling system, switches and platform screen doors
- SIPLUS S7-1200 RAIL basic controller – sanding and lighting systems, rest rooms and diesel exhaust systems
- SIPLUS ET 200SP RAIL distributed controller – platform screen doors, fire detection and extinguishing systems, axle counting and signaling systems at railway crossings
- SIPLUS HMI KP300 Basic RAIL control panel – visualization during commissioning and maintenance







Rail applications trackside



Fire detection and extinguishing systems, lighting control and other onboard systems

Universal conformity to standards – for maximum safety

	Standard	Application
	EN 50155	Rail applications rolling stock
	EN 50121	Rail applications trackside
	EN 45545	Fire protection classification
	EN 50126, 50128, 50129*	Functional safety

* Product-specific

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