

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 system. In the background, a red and white train is visible, blurred to suggest motion. The Siemens logo and the slogan 'Ingenuity for life' are prominently displayed in the top right corner.

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

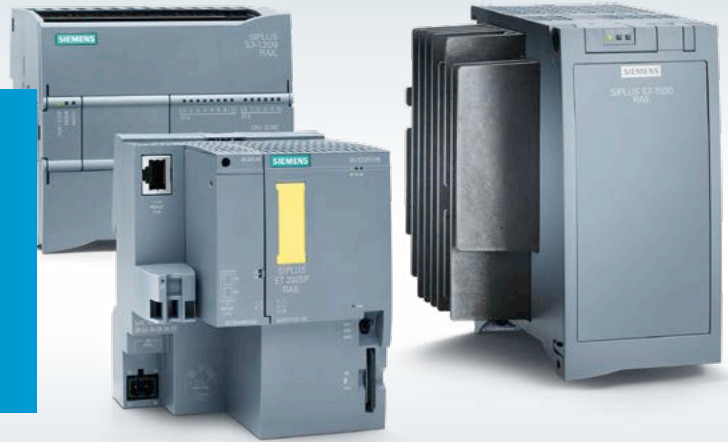
Thanks to their extensive certifications and conformity to railway standards, the new SIPLUS extreme RAIL products are the perfect choice for all applications in railway transportation.

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

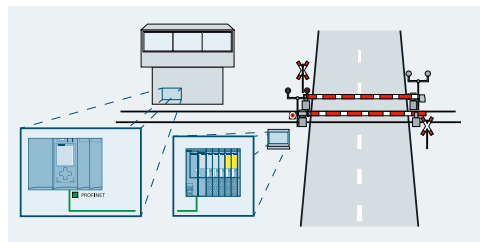
- Approved in accordance with EN 50155, EN 50121, EN 50124, EN 50125, EN 45545
- PROFINET-based communication and efficient engineering in TIA Portal
- Universal and modular control solution

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

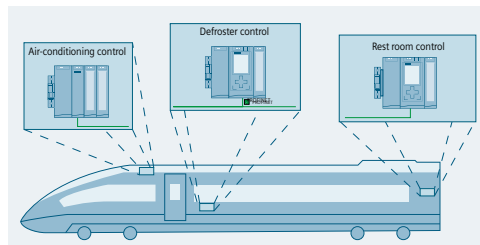


The right controller for every application

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

* Product-specific

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