

Doppelmayr Connect: Welcome to the future





A new milestone in ropeway technology



Taking the long view, identifying trends, creating innovations – these are the strengths you can count on as a Doppelmayr/Garaventa customer. With leading-edge ropeway technology, we set the benchmark for transport systems geared to the future. Your trust in our capabilities and products motivates us to provide you with top performance every time. As your partner, we take pride in our reliability.

Our new ropeway control system Doppelmayr Connect corroborates the efficiency and reliability of a Doppelmayr ropeway.

Decades of experiences based on numerous projects realized worldwide and the need of our customers were key in the development of Doppelmayr Connect. The intuitive structure of the user interface, top-grade industrial electronics and new technical possibilities make your daily work easier.

The design engineers have dedicated their wealth of experience to the new control system and, with an eye on the future, developed a product that will allow for economic operation and an integrated overview of the complete installation.

Doppelmayr Connect focused on the operator



The newly developed control system places the focus on the needs and tasks of the user. Operation is performed centrally from the control console with line of sight to the passengers. The high-quality touchscreen is ergonomically angled and made of top-grade materials.

All control units, such as platform columns, desk-top control panels and the units located in the control cabinets, follow the same operating logic. The sturdily built operating elements are tried and tested for use in snow, ice and rain, and are very resistant to UV radiation.





The user interface was developed in close collaboration with ergonomics experts. The visualization is uncluttered and reduced to the essential. Irrespective of user navigation in more detailed displays, the main information, such as rope speed, wind values and any error reports, always remains in view on the first level.

The user-friendly design with simply structured tile system and large control fields makes navigation easier. The logic structure makes the menu layout particularly uncluttered and simple.

In the development of Doppelmayr Connect, an effort was made to provide functional benefits meeting the requirements of operators and lift attendants. Therefore, the space required for the control cabinets was further reduced, disturbing fan noise was avoided and the waste heat output was minimized by using energy-efficient components.

Doppelmayr Connect is cutting-edge technology and safety

Notification Center

Errors, alerts and information are shown in the Notification Center on the touchscreen and always in the operator's line of sight.

Solution Center

The Solution Center is an integrated tool that shows a detailed description of possible causes of a malfunction while simultaneously suggesting possible solutions. Further resources, such as operation and maintenance manuals, are also stored in the system and therefore readily accessible when required.

TÜV-certified deactivation concept

Following a failure of a safety device, it can be of benefit, in specific situations, to continue operation using the main drive, rather than evacuating the line using the emergency drive. In this case, the respective safety function can be deactivated while clearly defined alternative measures are adhered to.

Tablet

A modern tablet facilitates operations and maintenance works. A mobile application with tablet that is linked with the control system via the dedicated WLAN brings enhanced comfort for the lift attendants.



IT security

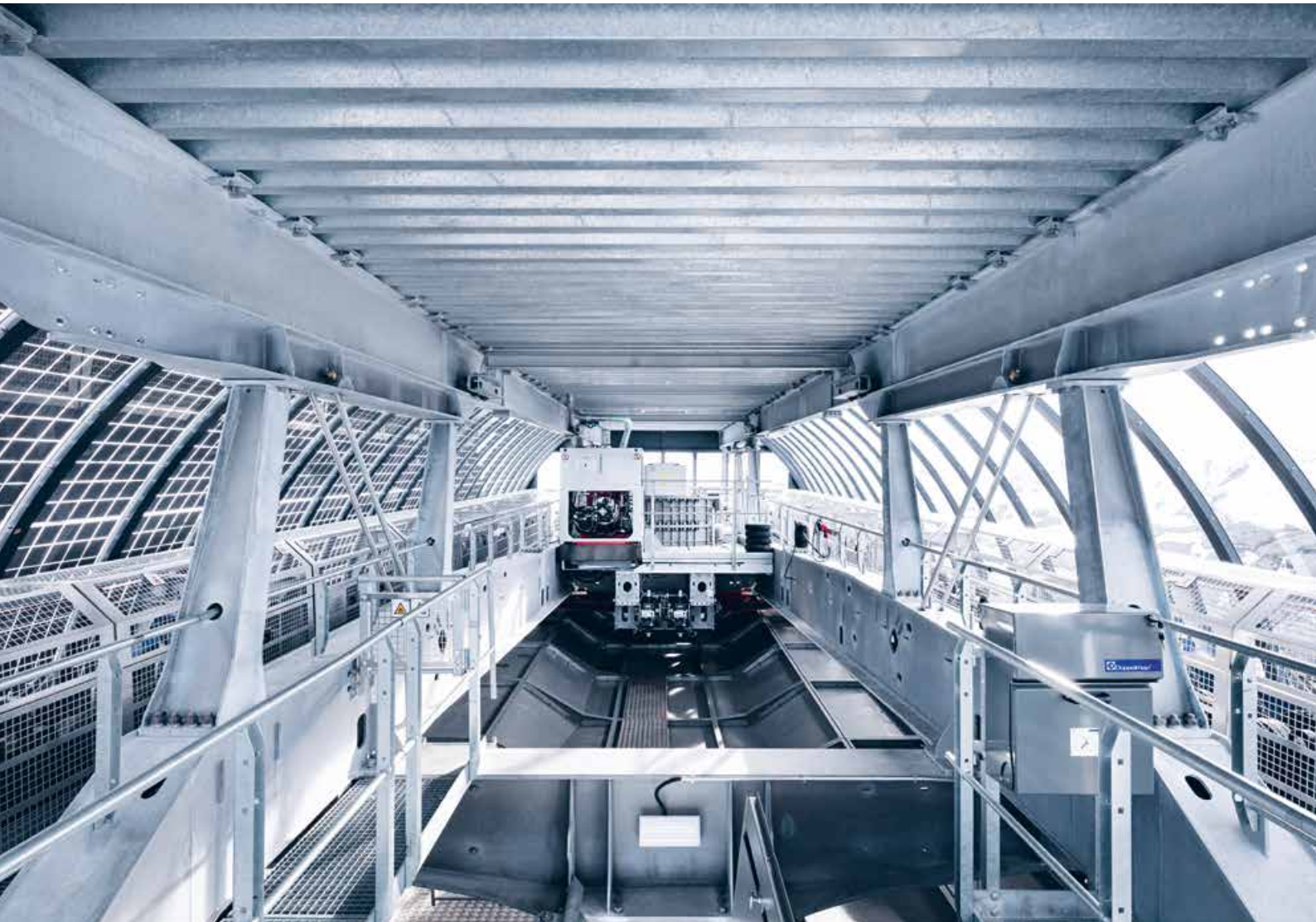
Doppelmayr Connect meets the highest standards when it comes to protection from and defense against unauthorized access.

Line illumination with energy-efficient LED technology

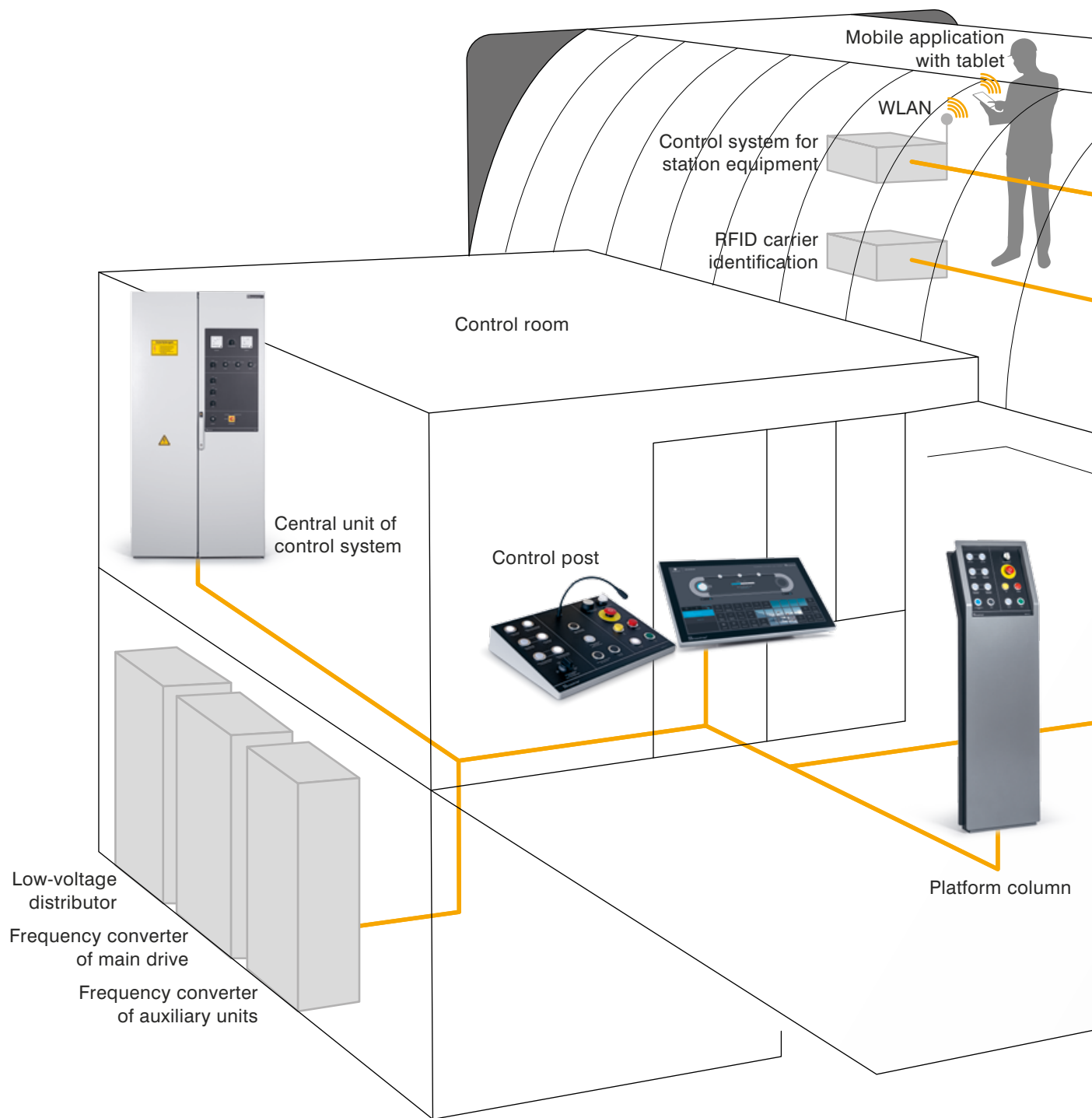
The narrow-beam LED line illumination is designed to illuminate the rope spans during night trips and respects nature conservation regulations (flying insects).

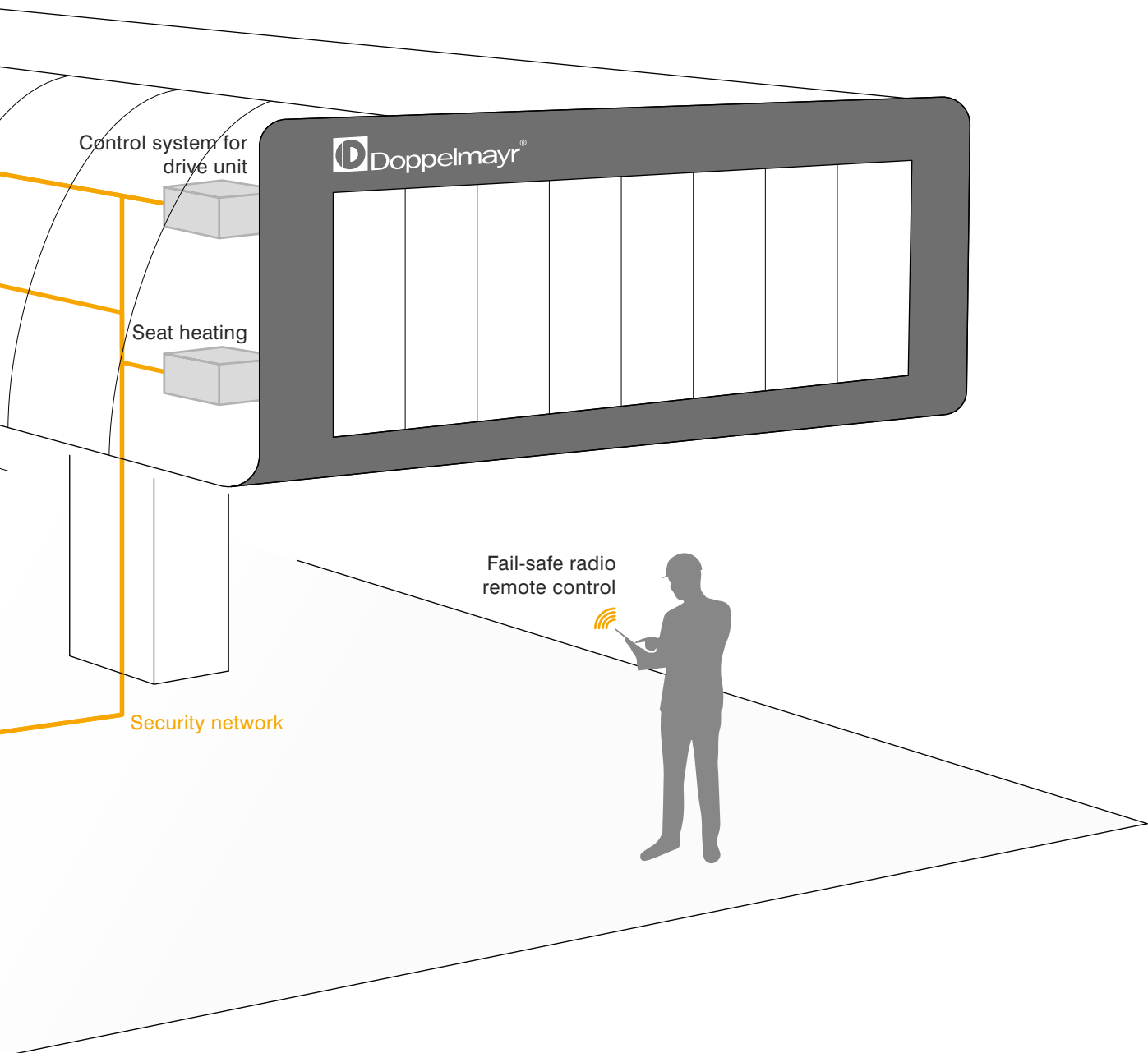
Fail-safe radio remote control

The radio remote control gives the operators freedom of movement so that they can provide optimal assistance for passengers. The remote control consists of a hand transmitter, radio safety module and shoulder strap. It is fitted with the following operating elements: emergency stop buttons, speed selection buttons and carrier marking button.



Doppelmayr Connect at a glance





Control system for drive unit

Doppelmayr®

Seat heating

Fail-safe radio remote control

Security network

Doppelmayr Connect is fascination

Intuitive, ergonomic, logical, informative, transparent, dependable – Doppelmayr Connect is a new ropeway technology highlight. Perfectly in tune with market requirements in terms of operation and safety, Doppelmayr Connect is the right control system for your ropeway. The new design and the extended range of functions, combined with the superlative safety level, cannot fail to impress.



Doppelmayr Connect

Connect at a glance

- Transparent and customizable user interface design
- Intuitive und logical navigation: flat menu navigation with 2 levels
- Operating elements used on a daily basis within easy reach
- Notification Center: error reports, alerts and information are always within the operator's line of sight
- Solution Center: innovative support for daily operations and rapid fault elimination
- Electronic manuals and circuit diagrams integrated
- Data recording for statistical evaluation (trend analysis, operating statuses on the ropeway and much more besides)
- Prerecorded passenger announcements
- 21.5" touchscreen with Full HD resolution, high-quality finish in glass and brushed aluminum
- Use of modern sensor and actuator technologies
- Space-optimized installation of control cabinets to create more space in the control room
- Decentralized layout of control cabinets to reduce heat and noise emissions in the control room
- All outdoor control units are of sturdy construction and are in weather-protected design with a weather protection cover
- Use of top-grade industrial electronics with extended temperature range
- Fail-safe radio remote control for greater freedom of movement
- Mobile application with tablet via dedicated WLAN: the enhanced freedom of movement facilitates operations and maintenance work
- RFID carrier identification in the station for data collection purposes
- TÜV-certified deactivation concept to enable continued operations using the main drive
- Remote maintenance system with IT security to protect against unauthorized access from outside
- Line illumination with energy-efficient LED technology
- Very high spare parts availability

 **Doppelmayr®** **GARAVENTA**

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