



Tele-assistance and mobile control panels

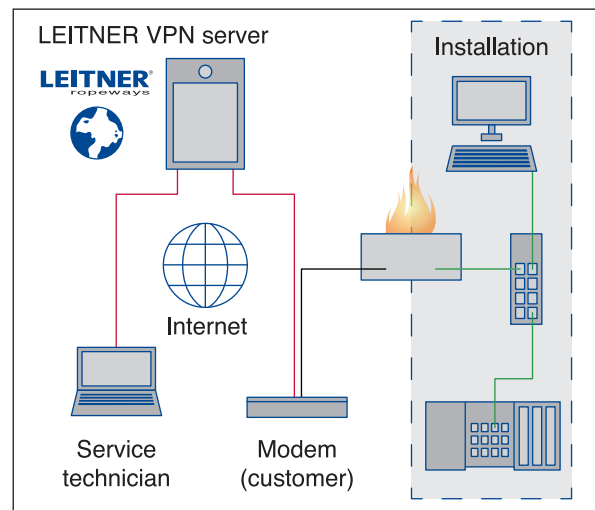
Improving functionality, ensuring availability

Basis For the LEITNER control system, a tele-assistance and optional control panels have been developed in order to facilitate the ropeway operator's day-to-day work at the installation, to improve functionality and to ensure availability.

Description Via the Internet, the LEITNER tele-assistance connects the ropeway installation with the PC of a LEITNER service technician, using a firewall-protected VPN connection. This makes it possible to check the installation's operating status directly from LEITNER headquarters in Sterzing (Italy) and to quickly and efficiently support the operator in checking the installation's functionality and in finding solutions.

The LEITNER radio remote controls for the station, the garage and the line were developed for a user-friendly and location-independent operation of the installation. That's why there is a central radio master unit built into the control cabinet, which communicates with the ruggedly and modularly designed remote controls via a 433-MHz ISM band. At the control cabinet as well as on the radio remote control, radio operation has to be activated with a key switch or a coded magnet key, respectively.

With the new, mobile operation monitoring system, the visualization of the installation can be transmitted via WLAN to further PCs as well as to mobile devices (tablet, smartphone). This makes monitoring the installation status easy and location-independent. Moreover, this allows for several LEITNER installations in a skiing region to be monitored with a single mobile device.



Benefits The **LEITNER tele-assistance** supports **trouble-shooting and fault correction** and thereby **avoids unnecessary mobilization** of service personnel.

Installation **downtimes** can be **reasonably shortened** while **improving operational reliability**, both of which decisively **helps reducing operating costs**.

Easy and user-friendly remote control of the installation with **LEITNER radio remote controls** offering the following functions:

- Reset/start/stop ropeway (also from the maintenance vehicle during inspection)
- Start/stop station
- Emergency stop
- Speed control
- Access control on/off
- Forward/backward conveyor chain
- Various station functions

Easy monitoring of the ropeway via **the mobile operation monitoring system** using external PCs, smartphones or tablets.

Considerable **ease of maintenance work** and mandatory daily **station inspections** thanks to **location-independent visualization** of the installation status, e.g.:

- General status
- Stop and maintenance bypass
- Wind speeds/wind speed recording
- Status of the batteries
- Status of the brakes
- Various monitoring recordings