

LeitPilot enables autonomous station operation of gondola lifts LEITNER innovation takes automation to the next level

Modern ropeway technologies focus on safety, sustainable operation and resource conservation. The latest example of this is LEITNER's LeitPilot. This intelligent technology enables autonomous station operation of gondola lifts and is designed for both new installations and for the retrofitting of existing ropeways. As such the company is consistently continuing its development course and once again creating a genuine product revolution that can be easily combined with other LEITNER innovations.

Station operation of conventional ropeways still requires a certain amount of human resources to ensure smooth operation. Now, for the first time, LEITNER's LeitPilot ensures that gondola lift stations can be operated autonomously and safely with real-time monitoring. The latest technology can be integrated seamlessly into any LEITNER station - drive, return, top, bottom or intermediate - minimizing the need for human interaction.

In addition to the focus on operational efficiency, all relevant safety aspects have been integrated into the LeitPilot solution. As an example, advanced LIDAR sensors monitor the vehicle pit, and cameras monitor the entry and exit areas as well as the station environment. In addition, the newly developed safety equipment also includes boundary gates and emergency stop switches. Thanks to these extensive protective measures, passengers always remain within the defined safe station areas.

Passengers can also enjoy an even smoother boarding and alighting experience thanks to LeitPilot's optimized cabin guides. These guides ensure that the cabins are optimally stabilized in the station circulation, providing a high level of comfort.

Real added value for new projects and existing installations

LeitPilot can be integrated into new and existing installations and can be adapted to different station configurations, such as HCL (High Capacity Loading) stations. The versatility of LEITNER gondola lifts is demonstrated in combination with other options such as Stop&Go, EcoDrive, intelligent access control or optimized ticketing systems. LeitPilot provides access to a new generation of automated processes that are more geared than ever to technological progress.

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