

Elevating Safety on the Slopes

Smartlox transforms traditional Lockout-Tagout (LOTO) into an easier, safer digital process. Discover a modern approach to cableway maintenance that streamlines safety without compromise.



Digital Lockout-Tagout

Safer, smarter, and easier ski lift operations with our Bluetooth Padlocks, Nyckel Application, and Smartlox Cloud.



Bluetooth Padlocks

Industrial-grade Bluetooth padlocks designed to directly replace traditional locks and shared group lockboxes for all your ski lift machinery and equipment.

- ✓ IP67 Certified
- ✓ -20°C to 74°C
- ✓ Up to 2 Years Battery Life



Nyckel Application

A full-featured mobile application that provides lift operation teams with total LOTO control and real-time visibility directly from their smartphones.

- ✓ Simple and easy-to-use
- ✓ Complete visibility & control
- ✓ Quick download & sign-up



Smartlox Cloud

The secure backbone for all your LOTO data. This platform ensures auditable records, unmatched data integrity, and provides the foundation for comprehensive analytics.

- ✓ Secure
- ✓ Enterprise-ready architecture
- ✓ Able to align with your IT Policy

Ready to Give Your Ski Lifts an Uphill Advantage?
Connect with us by scanning the QR code to explore
how Smartlox can streamline your cableway maintenance.



Case Study

Enhancing Safety and Compliance in Lift Maintenance

For Doppelmayr lift operators, conventional maintenance protocols presented a significant safety and compliance dilemma. The necessity for remote maintenance teams meant a worker at the control panel often installed a lockout on their behalf, a practice that directly contravened strict regulations like WorkSafe Australia's "One person, one lock, one key" (similar to OSHA's "positive control" requirements). This non-compliant approach introduced an unacceptable risk: the potential for an unauthorized person to remove the lock or even re-energize the lift while maintenance was in progress, which could lead to catastrophic safety incidents for the maintenance crew and severe operational disruption.



Objectives

Recognizing these critical gaps, the primary objectives were to achieve absolute Lockout-Tagout (LOTO) compliance, ensuring every worker maintained direct control over their isolation regardless of location. A key goal was to eliminate the risk of unauthorized re-energization during maintenance, thereby safeguarding personnel from the dangers of unsafe lift movement. Furthermore, the solution needed to significantly enhance operational efficiency by reducing the need for maintenance teams to travel back and forth to the control panel, ultimately optimizing worker safety, lift uptime, and maintenance workflows.



Solutions

Smartlox provided a revolutionary digital solution that directly addressed these challenges. By requiring only one digital padlock on the lift control panel, Smartlox enabled every maintenance worker to digitally apply and join the lockout from anywhere on the mountain. This innovative approach ensures real-time visibility and empowers each individual to maintain positive control over their own lockout, fully complying with relevant safety regulations. The result is a dramatically safer working environment, free from the risk of accidental lift movement during maintenance, alongside substantially improved operational efficiency and a comprehensive digital audit trail for all LOTO procedures.