

STEERING

SIVAO Chairlift



SIVAO Chairlift is an operational assistance system that analyses the occupancy of each chair using proven video image processing technology.

bluecime



Ensures safe passenger loading

Evacuation assistance

Around 100 chairlifts fitted in more than 40 stations

Tried and tested since 2015

> 99.9% detection accuracy

Reliable in all weather conditions

Compatible with SKADII

4 patents

SIVAO Chairlift is an operational assistance system that uses cameras and automatically analyses seat occupancy in real time when loading is complete.

Thanks to a computer equipped with artificial intelligence, it can analyse user behaviour, detect the number of passengers on the chair and raise an alert about any abnormal situations.

Its counting system is also useful for obtaining periodic flow statistics or knowing the distribution of passengers on the line in the event of an evacuation.



Product
Performance



Safety
Performance

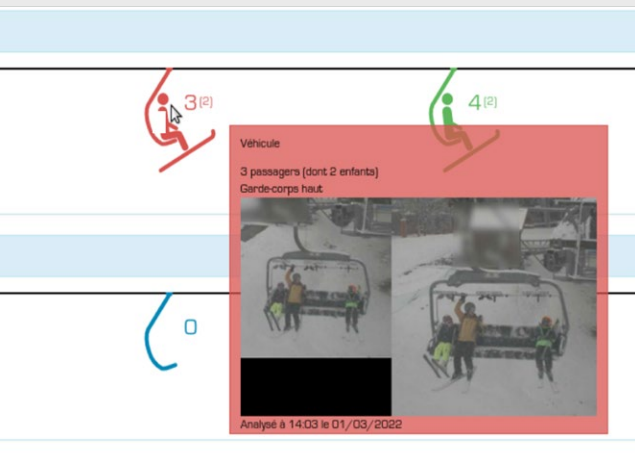


Compatible with
new and existing
ropeways

STEERING

SIVAO Chairlift

FEATURES & BENEFITS



› Safety of users while loading

- Detection and warning of dangerous situations, with the possibility of automatically slowing down the system or letting the operator take control
- Differentiation of children/adults with the configuration of specific alerts
- Optional audible and/or visual warning system to alert users when the safety bar is not down. Station operating staff are also warned
- Option of real-time access to images transmitted by the high-definition camera

› Passenger counting and evacuation assistance

- The system counts the number of passengers per carrier and calculates the actual passenger flow of the chairlift throughout the operating period
- SIVAO Chairlift gives the real-time distribution of passengers on the line and links each carrier with the photo taken by the camera when it exits the station. This makes it possible to decide which carriers should be given priority in the event of an evacuation.
- Configurable system for sending notifications on the fleet status by text message or email

› Web interface for visualisation and analysis

- Allows real-time visualisation of the state of a chairlift based on measured data (actual passenger flow, photos of carriers) and assists the lift operator during operation and evacuation
- Provides an overview of data from the equipped fleet

ENVIRONMENT



› Raw materials and eco-design

- Developed and integrated in France
- One single camera per loading area

› Manufacture: assembled in France (AURA)

› On-site construction and assembly

- System adaptable to all chairlift configurations
- Installed locally by POMA or BLUECIME teams

› Use

- Reduced energy consumption through the combination of SIVAO and ECODRIVE solutions allowing the ropeway system speed to be adjusted according to queue length and the actual carrier occupancy rate
- Maintenance limited to occasional cleaning of the camera
- Remote troubleshooting possible