POMA

SKADII digital platform centralizes access
to all the applications needed to manage
a fleet of ropeway installations
in the most efficient, effective and sustainable way.
SKADII can be used to manage and monitor
energy consumption data, as well as to optimize maintenance.

❯ **250 sites equipped
with SKADII worldwide**

❯ operation
and maintenance assistance

❯ **monitoring
of energy consumption**

❯ control and use
of the data flows collected

❯ **broad and secure access
within the operations
and maintenance teams**

❯ multi-device:
smartphone, tablet, computer

❯ **open platform**

❯ intuitive and easy to use

❯ **real-time overview**

Compatible ✓new ropeways ✓existing ropeways

LIFE R'way®
Low impact for environment

skadii

DESCRIPTION

SKADII platform allows operators to easily manage all their equipments. For example, a mountain resort operator can supervise snow production, snow groomers and ropeways centrally in SKADII.

Through data collected from the equipped systems, updated in real-time, SKADII allows the operator to make the right decisions, at the right time, with the help of experts if necessary (manufacturers, operators, maintenance staff).

FEATURES & BENEFITS

Features
A modular and customizable platform allowing operators to create a workspace adapted to their needs.
All the functions required to operate ropeway transport systems and all the data collected are centralized on the platform and updated in real time.
Accessible anywhere and from any device (PC, tablet, smartphone), with or without an Internet connection.
Simple and fast data import and export.

Maintenance
Some of the data made available by SKADII can be consolidated and analyzed by artificial intelligence algorithms in order to switch from curative maintenance mode to preventive and even predictive mode.
SKADII Maintenance Overview makes it easy to plan and track maintenance activities, as well as the necessary resources.

CoPilot app provides all the technical documentation required for troubleshooting and maintenance.

Operation
SKADII is designed to make work procedures more efficient and clearer to facilitate decision-making.
Task Manager app is a digital solution to create, distribute and monitor various tasks for the entire fleet of ropeways and to make them accessible to everyone.
Tracking the tasks is easier and seamless.
The digital logbook completes the range of SKADII tools.
SKADII meets regulatory requirements related to ropeways in terms of operating track record.
UPilot app is a learning management service integrating e-learning modules (the resort can enrich and customise the platform) that provides access to learning tools in a 3D simulation environment.

ENVIRONMENT

❱ **Management and monitoring of energy consumption**
SKADII allows monitoring of energy consumption and production for the entire fleet of ropeway transportation systems.
Operators can then decide on best possible uses to minimise their energy costs.
SKADII integrates the supervision of data from ECODRIVE and SIVAO products, which bring energy savings by adjusting the speed of a ropeway transportation system to suit the number of passengers (queue) and the occupancy rate of chairs and cabins.

❱ **Maintenance optimization**
Data collection can help anticipate the risk of failures and organize preventive or even predictive maintenance.
Remote expert assistance, thanks to the collection of relevant data, thereby avoiding travel-related CO_2 emissions.
Experts may be employees from the resort or from the manufacturers.

❱ **Helps reduce paper consumption**
All information flows are digitized and constantly updated, meaning less paper required to run the ropeway.