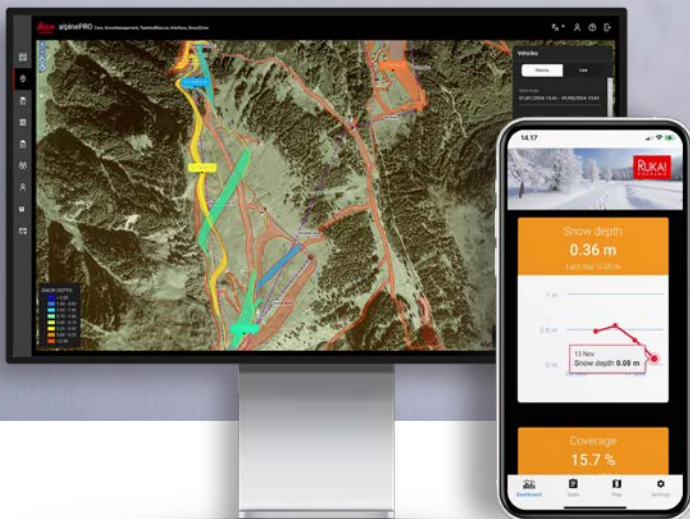


Leica alpinePRO

Snow management system



leica-geosystems.com

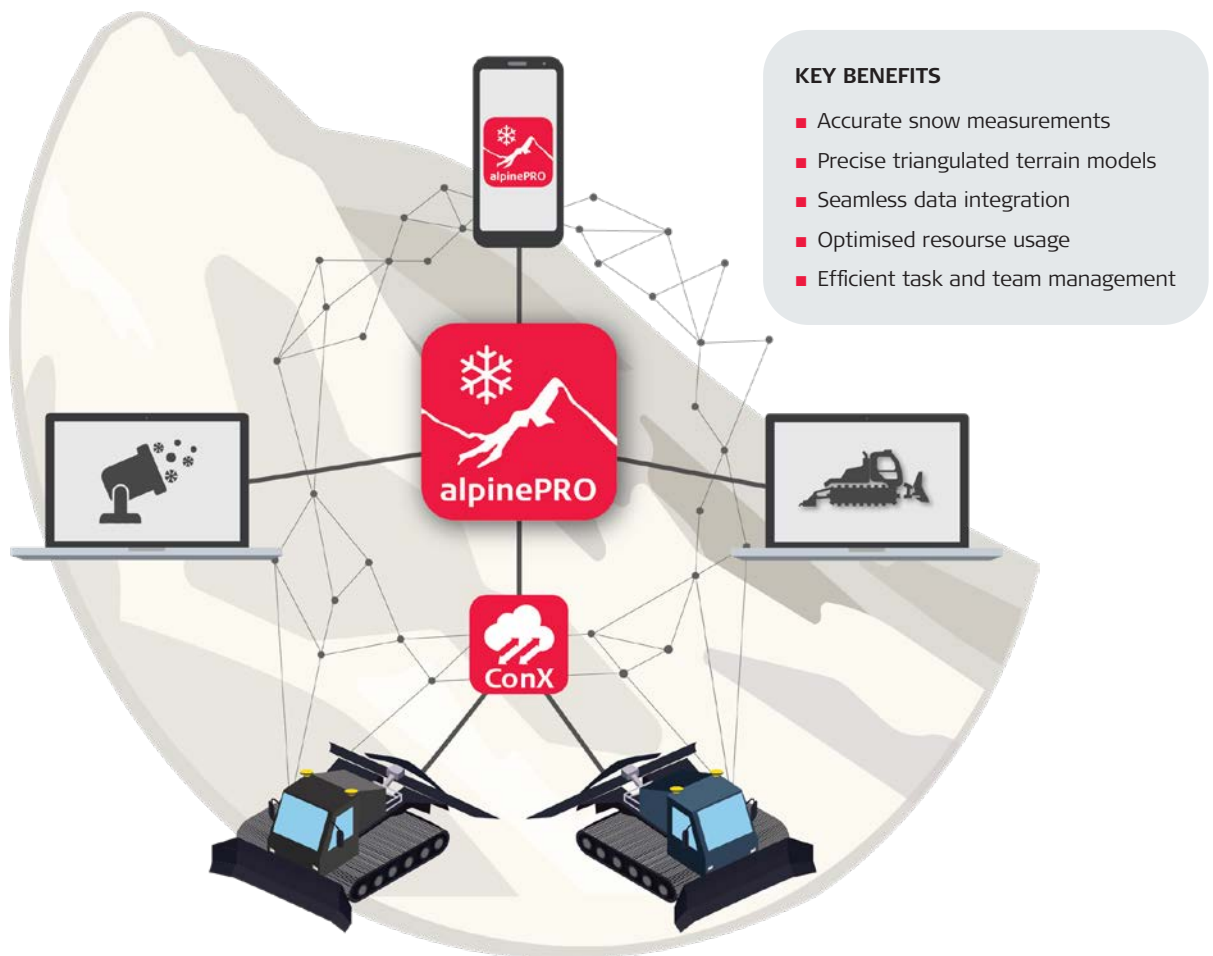


- when it has to be **right**

Leica
Geosystems

Leica alpinePRO – The optimal snow management system

Discover the future of snow management with Leica alpinePRO, the ultimate solution for ski resorts. From precise snow depth measurement and analysis to seamless integration with your existing systems, alpinePRO revolutionises and optimises how you manage snow, coordinate job site teams, and enhance communication. The system is built with advanced geo-tracking, real-time data sharing, and comprehensive task management tools, enabling fact-based decision-making and accurate task planning. This ensures efficient use of available snow and mindful water and energy consumption, making alpinePRO your central information hub for snow management.



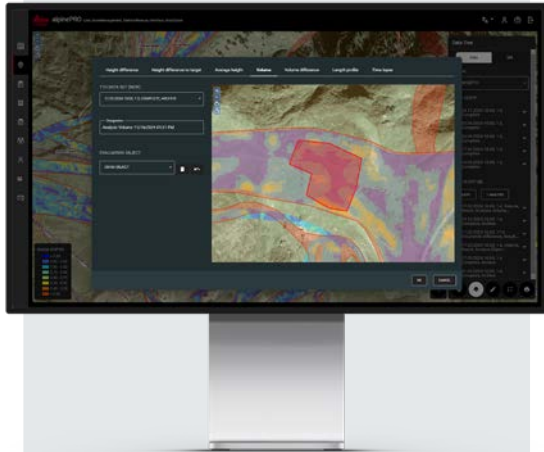
DATA SHARING AND VISUALISATION

Stay informed and make data-driven decisions with Leica alpinePRO's data sharing and visualisation capabilities. The system integrates with the on-machine Leica iCON alpine, guiding operators using 3D models and Leica ConX to sync surface logging data and monitor work progress. Moreover, alpinePRO integrates with third-party programmes. Improve work efficiency by visualising alpinePRO data in your chosen snow forecast system. View snow gun status with water consumption, operating hours, and snow groomer data, all in one place.



Control the whole ski resort – From a **single reliable source**

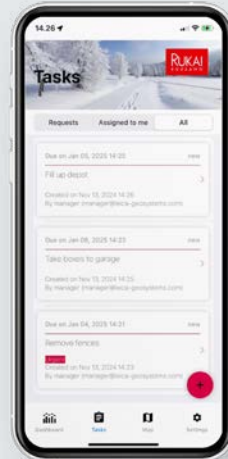
Accurate Snow Measurements



Features: In Leica alpinePRO, users can analyse and create reports for a range of activities, including mapping resort areas used in the winter season, displaying areas per slope per machine, as well as providing a record of operator driving time.

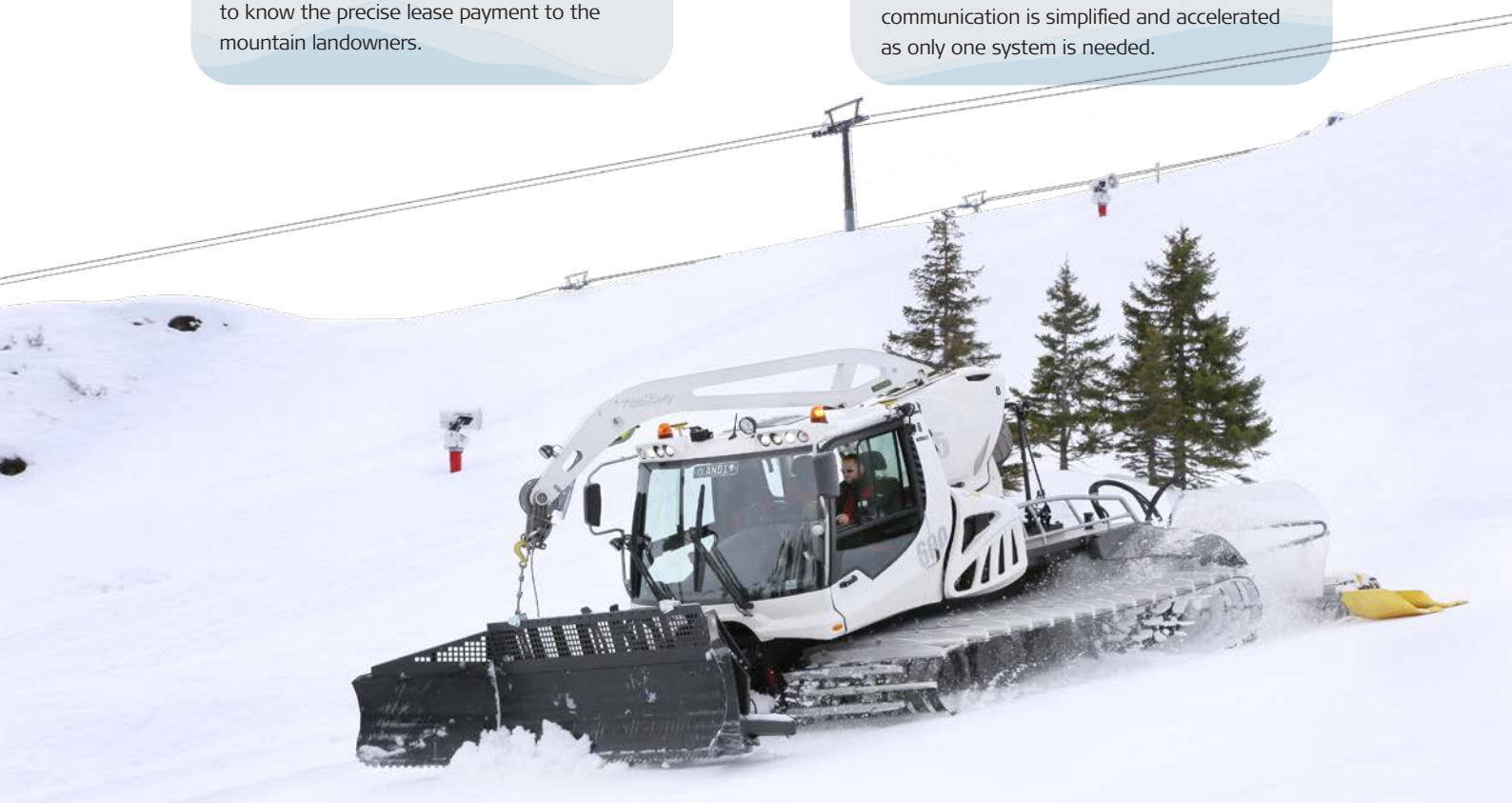
Benefits: Analysing snow data give more accurate snow production and grooming. The vehicle reports make users more aware of best practices for operator efficiency and the most productive usage of the machines, which can be tracked for future optimisation and fuel savings. Land usage reports allow resorts to know the precise lease payment to the mountain landowners.

alpinePRO Phone App



Features: View the current and past snow depth when it's needed with the alpinePRO app. With the Task Manager, tasks can be assigned and managed directly on your phone. Employees can be notified quickly and respond to their tasks. Furthermore, reports can be created while you are out on the slope.

Benefits: No matter where you are in the resort, alpinePRO data can easily be displayed in the palm of your hand. The Task Manager provides a clear overview of team tasks, to ensure nothing is overlooked and maintaining a comprehensive history of past tasks. Team communication is simplified and accelerated as only one system is needed.



Leica alpinePRO

Control Your Snow



Improving snow management for the Snow Industry professional.

Leica alpinePRO is a comprehensive system that connects the office and machines for the ultimate snow and slope condition management.

alpinePRO simplifies a range of activities, from knowing how much snow is in front of and under the snow groomer, to sharing this data with the office and the rest of the team. Tasks such as creating reports and analysing height and depth volume calculations are also simplified. Additionally, the ability to connect Leica alpinePRO to the user's additional software systems means that this is one system which truly has it all.

Features:

MAINTAIN TOP SNOW CONDITIONS

- Prevent rapid melt-off by maintaining adequate snow coverage, thereby extending the skiing season.
- Ensure a snow layer of e.g. 30-50 cm to keep the surface cool, preventing the risk of „brown snow.“

TRACK SNOW WITH PRECISION

- Save on resources and labour by knowing exactly where snow is needed and how much of it is required.
- Keep everyone informed about snow conditions, enhancing coordination and planning via the phone app, available for iPhone and Android.

SNOW VOLUME: DOWN TO A FLAKE

- Calculate the volume of snow by easily selecting a slope or defining a custom area by drawing a fence.
- Verify the availability of adequate snow before starting any park building activities.
- Avoid injuries by building according to accurate designs.

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Leica iCON
alpine BRO



Intelligent
Solutions
Brochure



Leica ConX