



SNOW MEASUREMENT

www.prioth.com/snowmeasurement

Prioth[®]

PRINOTH SNOW MEASUREMENT

PRECISE MEASURING FOR THE PERFECT PISTE

Developed in cooperation with Leica Geosystems, the world's **leading specialist in measuring technology**, the satellite-based snow depth measuring system by PRINOTH guarantees **sustainable snow management** for ski resorts. Based on the proven Leica iCON alpine System, the software was adapted especially for the needs of snowy regions. A 3D model of the snow-free landscape is the foundation for precise, centimetre-perfect measurement of snow depth.

IDEAL FOR SLOPES, PARKS AND SKI JUMPS

LIVE TRANSMISSION OF SNOW DEPTH ± 2 CM

YOUR OWN MONITOR IN THE CABIN

SIMPLE AND CLEAR DISPLAY

ENABLES IMMEDIATE ACTION



- when it has to be **right**

Leica
Geosystems

15%
INCREASE IN
EFFICIENCY

12%
COST SAVINGS

11%
HIGHER GROOMING
PERFORMANCE

TIME AND COST SAVINGS

With our solution, you can **decisively increase the profitability of your ski resort**: at the start of the season, slopes can be **groomed earlier and be maintained for longer at the end of the season**. Even when there is little snow, the slope quality can be upheld, because available snow reserves can be identified by focused monitoring and be correspondingly rearranged. This ensures even slopes and happy skiers.

HIGH EFFICIENCY IN SNOW MANAGEMENT: EVEN DISTRIBUTION
WITH MAXIMUM SURFACE OUTPUT

INCREASE IN SLOPE QUALITY: AVAILABLE SNOW RESERVES
CAN BE DEPLOYED PURPOSEFULLY

*The figures shown here relate to the past experience of SNOW HOW users. The actual savings may vary depending on the size and organization of the ski resort.

- + CLEAR USER INTERFACE
- + DATA RETRIEVAL POSSIBLE AT ANY TIME (LIVE OR SUBSEQUENTLY)
- + RETRIEVABLE ON VARIOUS DEVICES: **DESKTOP, TABLET, MOBILE**
- + TROUBLE-FREE DATA TRANSFER AND STORAGE
- + USER FRIENDLY DISPLAY AND SIMPLE DATA ANALYSES
- + REPORTS CAN BE EXPORTED AS EXCEL-DATA



SNOW HOW 1 PLATFORM FOR ALL DATA

All information is retrievable via a single user interface, meaning that the need to **switch between various platforms** disappears and ensures a continuous workflow. With this system, the **FLEET MANAGEMENT** software by PRINOTH can be easily connected. Moreover, the view featuring the snow-making system can be displayed in one click. User friendliness is the first priority in PRINOTH SNOW HOW software.

The clear display system guarantees intuitive use of the functions.



3D PARKS AND TERRAINS MODELLING

When designing **parks and terrains**, **3D data is created** – adapted to each individual ski resort according to the customer's requirements. This data can easily be transferred into the snow measuring system. The drivers then can see the data directly on the display in the vehicle; this saves time and money and guarantees precision and efficiency in building and maintaining the park. This is unique in the industry!

DIRECT INSTALLATION OF THE HARDWARE

Specialists from Leica Geosystems fit the vehicle with a 3D display monitor, two GNSS antennae and a Leica GPS-Symbol 80-GNSS receiver. If necessary, the specialists create a reference station, activate the system and train the drivers. **Equipment with the Leica Ready Kit is possible ex works with PRINOTH vehicles, while vehicles from other manufacturers can simply be fitted on the piste.**

THE SNOW MEASURING SYSTEM IN DETAIL

The simple and clear display is at the heart of the PRINOTH snow depth measuring system: The exact snow depth and the terrain profile are shown in real time on a single monitor installed in the snow grooming vehicle. Data is therefore received and evaluated in real time during slope preparation. The result is the optimisation of snow management in all areas from snow production, snow distribution, all the way through to the slope preparation.

PRINOTH AG

Brennerstraße 34
39049 Sterzing (BZ)
ITALY
Tel. +39 0472 72 26 22
Fax +39 0472 72 26 18
prinoth@prinoth.com

PRINOTH LLC

2746 Seeber Drive Bldg B
Grand Junction, CO 81506
USA
Tel. +1 970 242 7150
Fax +1 970 241 6722
prinoth.us@prinoth.com

PRINOTH AG

Gemmistrasse 45
3970 Salgesch
SWITZERLAND
Tel. +41 27 456 26 56
Fax +41 27 456 47 00
info@prinoth.ch

PRINOTH Ltd

1001, J.-A. Bombardier
Granby Qc J2J 1E9
CANADA
Tel. +1 450 776 3600
Fax +1 450 776 3685
prinoth.canada@prinoth.com

PRINOTH GmbH

Michael-Seeber-Straße 1
6410 Telfs
AUSTRIA
Tel. +43 526 262 121
Fax +43 526 262 123 160
prinoth.austria@prinoth.com

PRINOTH AB

Hantverksvägen 1A
78064 Lima
SWEDEN
Tel. +46 280 266 10
info@prinoth.se

PRINOTH S.A.S.

5, Rue Galilée Alpespace B.P. 62
73802 Montmelian, Cedex
FRANCE
Tel. +33 479 84 76 76
Fax +33 479 84 76 77
prinoth.france@prinoth.com

PRINOTH sp. z o.o.

ul. Zdrojowa 49
33-300 Nowy Sacz
POLAND
Tel. +48 574 919 540
prinoth.polska@prinoth.com