
snowsat®
SOLUTIONS FOR DIGITAL SKI WORLDS
LiDAR
SEE THE FUTURE.

GET READY
FOR A NEW ERA OF SNOW DEPTH MEASUREMENT

With SNOWsat LiDAR, you can literally see the future. SNOWsat LiDAR measures the snow depth at a distance of up to 50 m in front and to the sides of the vehicle. Everybody involved benefits from the long-range snow depth measurement: In addition to the operators, snowmakers and slope managers, so do the environment and your wallet. But first and foremost: Your guests, who can be happy about ideal slopes day after day.



SNOWsat LiDAR **OFF**



SNOWsat LiDAR **ON**

01 PRODUCTIVITY

- Optimized grooming times due to real-time measurement of the snow depth in front of and to the sides of the vehicle
- Efficient slope building and slope maintenance
- Analysis, planning and optimization in the office based on the available snow depth data

02 PROTECT THE ENVIRONMENT – REDUCE COSTS

- Fuel savings (and consequently lower pollutant emissions) due to more efficient work
- Savings in water and energy due to the detection and utilization of snow reserves
- Preventing damage to vegetation

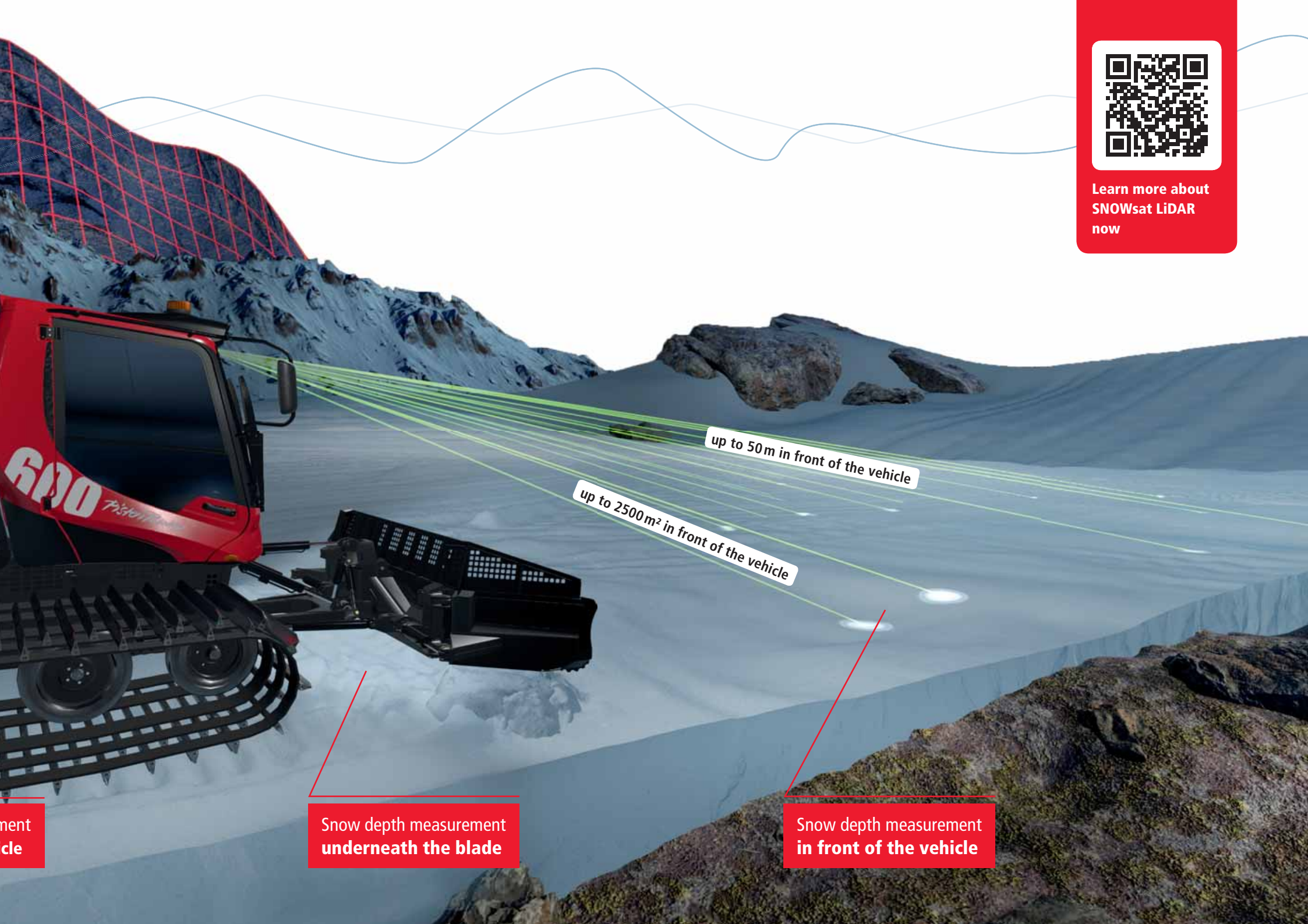
03 SLOPE QUALITY & OPERATING SAFETY

- Improved response time due to early detection of snow reserves and spots with little snow
- Targeted buildup and utilization of snow reserves
- Competitive advantage: Maximize your season with consistent slope quality

04 WORK SAFETY

- Detection of hazard areas through on-screen display of the situation around the vehicle, even in poor weather conditions
- Aid to orientation and support for new and inexperienced operators
- Reduction in vehicle damage and maintenance costs





Learn more about SNOWsat LiDAR now

WHAT OUR CUSTOMERS SAY



What do I expect from SNOWsat LiDAR? Nothing at all because I have seen it before with my own eyes! It is absolutely awesome that we can see the snow depth data that far ahead of the vehicle and to the side. This helps us when we create snow reserves or grade slopes... SNOWsat LiDAR is a quantum leap!

MARTIN HURM, OPERATIONS MANAGER BAYERISCHE ZUGSPITZBAHN BERGBAHN AG, GERMANY



It's quite clear: For us, SNOWsat LiDAR is the future of snow depth measurement. It optimizes the utilization of the available quantities of natural and artificial snow and, at the same time, make it possible to spread the snow faster and in a more targeted way. Furthermore, this solution plays into our Greenstyle company principle, that is, to preserve the environment as much as we can.

CORSIN CLOPATH, HEAD OF SOS AND VEHICLES, LAAX, SWITZERLAND

Hintertuxer Gletscher
ZILLERTAL · TIROL

SNOWsat LiDAR demonstrates its strength not only in the winter ski area but also on the glacier up to an elevation of 3,250 meters. It assists us in creating reserves, preparing and measuring fleece-covered areas and marking obstacles. The system is a solid cornerstone for digitalization in ski areas and makes our everyday work easier!

SLOPE TEAM, HINTERTUX GLACIER, AUSTRIA

Want to know more about our innovation? Visit us at ▸ www.snowsat.com/lidar

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