100% DIGITAL
100% SNOWSAT
YOU THINK YOU KNOW SNOWSAT?
GET READY TO DISCOVER IT ALL OVER AGAIN.

It all started with snow-depth measurement and fleet management. Then more and more practical features were added over the years. For example SNOWsatToDo, the tool for quick and easy assignment and administration of tasks as they arise.

Now we are opening a brand new chapter with the new SNOWsat – and presenting certain solutions for unified, digital control of all the processes in the ski area. The entire data is networked, so the team is supported when out preparing the slopes and also in all other important areas including the workshop, for example. The result: fast, direct communication, a high level of cost transparency and all team members on the same page at all times. And everything as efficient and sustainable as it can be.

SNOWSAT DIGITAL STORE
Offers a standardized interface for linking the Potentially spare parts book and its shop function to the ERP systems of cost clients.
PAGE 04

SNOWSAT MAINTAIN
Administers vehicles and equipment digitally. It’s never been easier to manage everything clearly, efficiently and across all brands, round the clock.
PAGE 03

SNOWSAT GIS DATA MANAGER
Enables the ski area to manage its GIS data and adjust to the current situation in the region — without the need for a GIS service provider.
PAGE 06

SNOWSAT FLEET MANAGEMENT
Analyzes all parameters of the vehicle fleet in detail, contributing greatly to overall fleet efficiency. Perfect for controlled, sustainable vehicle management.
PAGE 09

SNOWSAT SNOW MANAGEMENT
Enables planning of snow volume on individual slope sections across the season. The current situation can be called up easily and compared with the plan.
PAGE 11

SNOWSAT BUILDING PARKS
Visualizes snow depth at the blades. Enables precise preparation at very low driving speeds. Visualizations in color help the job of modeling the snow.
PAGE 14

SNOWSAT FOR THE VEHICLE OPERATOR
Supports vehicle operators in their day-to-day work. Operators share important information on all the vehicles in the fleet in real time — for example positions, prepared tracks and winch ropes.
PAGE 13

SNOWSAT SNOW-DEPTH MEASUREMENT
Measures snow depth to an accuracy of ±1.3 cm visible in real time. Enables efficient management of snow reserves and improved distribution across the ski trails.
PAGE 12

SNOWSAT SNOW MANAGEMENT
Has sustainable stats functions with evaluation and export options. Reports are easily emailed out to the appropriate recipients.
PAGE 15

SNOWSAT TO DO
A solution for administration and assignment of tasks as they arise in the ski area. Tasks can be assigned to specific individuals or vehicles.
PAGE 07

SNOWSAT TOOLS
Enables planning of snow volume on individual slope sections across the season. The current situation can be called up easily and compared with the plan.
 PAGE 11

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SNOWSAT MAINTAIN
THE PERFECT WORKSHOP
THinks of EVERYTHING.
AND FITS ANYWHERE.

SNOWsat Digital Store provides an interface that plugs the spare parts book of Kässbohrer Geländefahrzeug AG and its functions straight into the existing business solution. All the important information for PistenBully vehicles and other products can be accessed directly and the necessary spare parts ordered with just a few clicks. Processing takes place directly in the client’s own business solution. Through the electronic interchange we link the client’s business solutions to our Digital Store.*

* Details and availability on request.

YOUR BENEFITS

- Straightforward integration by standardized interface
- Simple ordering through your own system and processing through PistenBully’s spare parts shop
- All processes digitized end to end – from ordering and shipping confirmation to invoicing

SNOWSAT MAINTAIN
Equipment management
Technical information bulletins
Task Management
Spare parts procurement
Inventory management
Digital service record

EYES ON

- Detailed evaluation functions
- On-demand physical maintenance schedules
- Customer-specific maintenance schedules
- Controllable by app

IN DEPTH

- Equipment management
- Technical information bulletins
- Task Management
- Spare parts procurement
- Inventory management
- Digital service record

SERVICE INTERVALS

- Wear parts
- EYES ON

YOUR BENEFITS

- Streamlining business workflows
- Increased planning certainty
- Higher vehicle and equipment availability
- Seamless documentation, analysis and evaluation of all activities and costs
- Efficient use of resources
- Reduction in costs
- Preservation of the equipment’s value

snowsat.com/en/maintain
snowsat.com/en/digitalstore

IN DEPTH

- Equipment management
- Technical information bulletins
- Task Management
- Spare parts procurement
- Inventory management
- Digital service record

EYES ON

- Detailed evaluation functions
- On-demand physical maintenance schedules
- Customer-specific maintenance schedules
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IN DEPTH

- Equipment management
- Technical information bulletins
- Task Management
- Spare parts procurement
- Inventory management
- Digital service record

EYES ON

- Detailed evaluation functions
- On-demand physical maintenance schedules
- Customer-specific maintenance schedules
- Controllable by app
Use SNOWsat Analytics to get an overview of slopes, vehicles and snow stats:
The data already available in the ski area are brought together here and visualized for clarity. So slope preparation can be planned and managed to suit the situation as and when it changes – all cost-effectively and sustainably.

**YOUR BENEFITS**
- Overview of vehicles and the condition of the slopes
- Information on the volume of snow at any given time
- Cost breakdowns by vehicles, ski runs, snow stats and slope preparation
- Tools for comparisons with previous years

**PLANNING CERTAINTY FROM TARGET/AS-IS VIEWS**

Enables the ski area to manage its GIS data and adjust to the current situation in the region – without the need for a GIS service provider.

**SNOWSAT GIS DATA MANAGER**

**CURRENT GIS DATA ARE THE BASIS FOR SNOWSAT. YOUR GIS DATA IN YOUR OWN HANDS AT LONG LAST.**

**YOUR BENEFITS**
- Adaptation of ski-slope edges to current circumstances
- Definition and adaptation of snowmaking areas
- Planning of target snow depths, anchor points and snowmaking shafts
- Administration of terrain and surface models
- Incorporation of new points and areas into the vehicles’ on-board systems
- No outsourcing to a GIS service provider for updating the data stock
- Synchronization and interfacing with other SNOWsat solutions

**CLEAR VISUALIZATION FOR ALL THE VEHICLES IN THE FLEET**
SNOWSAT TO DO
SMART ADMINISTRATION OF TASKS.
OF COURSE ANYTHING CAN BE DONE, BUT A LITTLE HELP GOES A LONG WAY.

TASK MANAGEMENT
Whatever the slope manager or the ski patrol notices at the ski area during the day: Those tasks are logged, scheduled and assigned instantly via tablet or smartphone. So nothing is missed and everything is attended to promptly.

YOUR BENEFITS
- Overview of all the jobs to be done
- Automatic exchange of data between office and vehicles
- Direct allocation of the order to a specific operator or vehicle

SLOPE-PREPARATION PLANNING
Creating slope-preparation plans in SNOWsat ToDo is quick and easy. A glance at the enhanced visualization tells each vehicle operator what has to be done. The result: Uniformly good slope quality and high planning certainty.

YOUR BENEFITS
- Definition of tasks for all ski runs and slope sections
- Create and manage slope-preparation plans that reflect the day-to-day tasks
- Straightforward, individual assignment of tasks to operators and vehicles
- Green coloring indicates the tasks already done on the ski run or in any given section

SNOWSAT TO DO
JOB DONE!

TO DO LIST IN THE SKI AREA

ORDER ASSIGNMENT IN SNOWsat ToDo

ON-BOARD DISPLAY

ON-BOARD DISPLAY

GETTING THE JOB DONE IN SNOWsat ToDo

ON-BOARD DISPLAY
SNOWSAT FLEET MANAGEMENT
VEHICLE MANAGEMENT MADE EASY.
AN END-TO-END DETAILED SOLUTION FOR EVERYONE.

Administer and control an entire fleet of snow groomers with ease. Reduce your costs. SNOWsat fleet management is a big help for fleet operators and vehicle operators alike. Our fleet management functionality is supplemented by the multi-functional visualization and analysis tool SNOWsat CAN. It displays input data from the vehicles, runs analyses and generates reports detailing every aspect of each machine.

Vehicle-to-vehicle communications
Graphics and tables showing detailed vehicle information and data on the groomed slopes
Display and evaluation of data from the vehicles for process tracking
Call up individual views (e.g. engine operational data plotted against driving speed)
Sustainable vehicle management
Export in various data formats
Usable for all vehicles in the ski area

YOUR BENEFITS

SNOWSAT REPORTING
CREATE TRANSPARENCY.
DISCOVER POTENTIAL FOR SAVINGS.
REPORTING CAN BE THAT EASY.

To keep a cool head in snow and fleet management these days you need all the important information logged constantly and available for instant processing at any time. SNOWsat Reporting visualizes the collected data according to your custom parameters and lets all the stakeholders have access across all the networked ski areas.

Wide range of statistic functions
Individual evaluation and export options
Daily, weekly, monthly or seasonal reports
Auto send function for report emails possible
High data security

YOUR BENEFITS

snowsat.com/en/reporting
SNOWSAT SNOW MANAGEMENT

HOW TO CUT 15% OFF COSTS FOR SLOPE PREPARATION AND SNOWMAKING?
OUR CLIENTS KNOW THE ANSWER TO THAT QUESTION.

Remaining competitive as a ski area means constantly adopting the newest solutions in professional snow management. More specifically, solutions for snow makers and slope managers. SNOWsat snow management does more than just facilitate snow volume planning on individual slope sections over the course of the season. It also provides clear views of the as-is situation shown against planned status.

SNOWSAT SNOW-DEPTH MEASUREMENT

SNOW IS MONEY.
WITH SNOWSAT YOU HAVE THIS VALUABLE RESOURCE UNDER CONTROL AT ALL TIMES.

95% of all users reduced their costs for slope preparation and snowmaking using SNOWsat.*

*Result of an international survey of SNOWsat clients, as at 2018

WHERE IS THE SNOW WEARING THIN? AND WHERE ARE THE SNOW DEPOSITS WITH THE NECESSARY RESERVES? THE ABILITY TO SURVEY SNOW DEPTH ABSOLUTELY EVERYWHERE IN THE SKI AREA BOOSTS PROFITABILITY. SNOWsat snow-depth measurement is ideal for orientation and precision in slope preparation and also helps conserve resources and protect the environment.

YOUR BENEFITS
• Individual, prompt planning of snow depths and volumes for each snowmaking zone, matched to each phase of the season as it progresses
• Automatic comparison of current data with as-planned values, complete with 10-day trend
• Information for decision making between slope manager and snowmakers
• Display of snow guns and winch anchor points
• Possibility for optimizing snow production
• Interface of snow-depth data and snowmaking systems

snowsat.com/en/snowmanagement
snowsat.com/en/snowdepth
Eyes on, always. Knowing what to do next. Exchanging information with other vehicles, SNOWsat for vehicle operators is the perfect solution for all aspects of snow manipulation and vehicle operations. Because our digital tool gives operators all the vehicle data they need in real time, ensuring clear work routines and optimizing all routing.

**YOUR BENEFITS**

**SNOWSAT FOR BUILDING PARKS**

PERFECT FOR CONSTRUCTION AND DAILY UPKEEP OF THE PARK.
SMALL JUMPS, RAILS, OR SPECTACULAR KICKERS, IT’S ALL ABOUT ENJOYMENT.

**SNOWSAT FOR THE VEHICLE OPERATOR**

DO YOU WANT THE BEST SLOPE QUALITY, ALWAYS?
WE HELP YOUR OPERATORS ACHIEVE JUST THAT.

VEHICLE-TO-VEHICLE COMMUNICATIONS

- Big touchscreen display
- Measurement of snow depth at the blade, accurate to +/- 3 cm
- Display of snow depths, groomed passes, snow guns, anchor points and much more.
- Enhanced health and safety benefiting from display of the winch ropes, location, cameras, snow depths, etc. of other vehicles
- ToDo task management

**YOUR BENEFITS**

- Measurement of snow depth at 3 points below the front blade
- User-friendly visualization for intuitive operation
- Modules based on target profiles or surface models stored in memory
- 2D models transmitted wirelessly to the vehicle’s on-board system