SNOW**MATIC**

Snow guns in our offer:

900**A**

700**S**

700**H**

700**A SE**

900**MN**

600**M**

supersnow.com

Technology that cares for snow

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SNOW**MATIC**

SNOWMATIC - THE BRAIN OF THE SNOWMAKING SYSTEM

Snowmatic is a centralized snowmaking management system that oversees the operation of all snowmaking system components belonging to a facility's infrastructure.
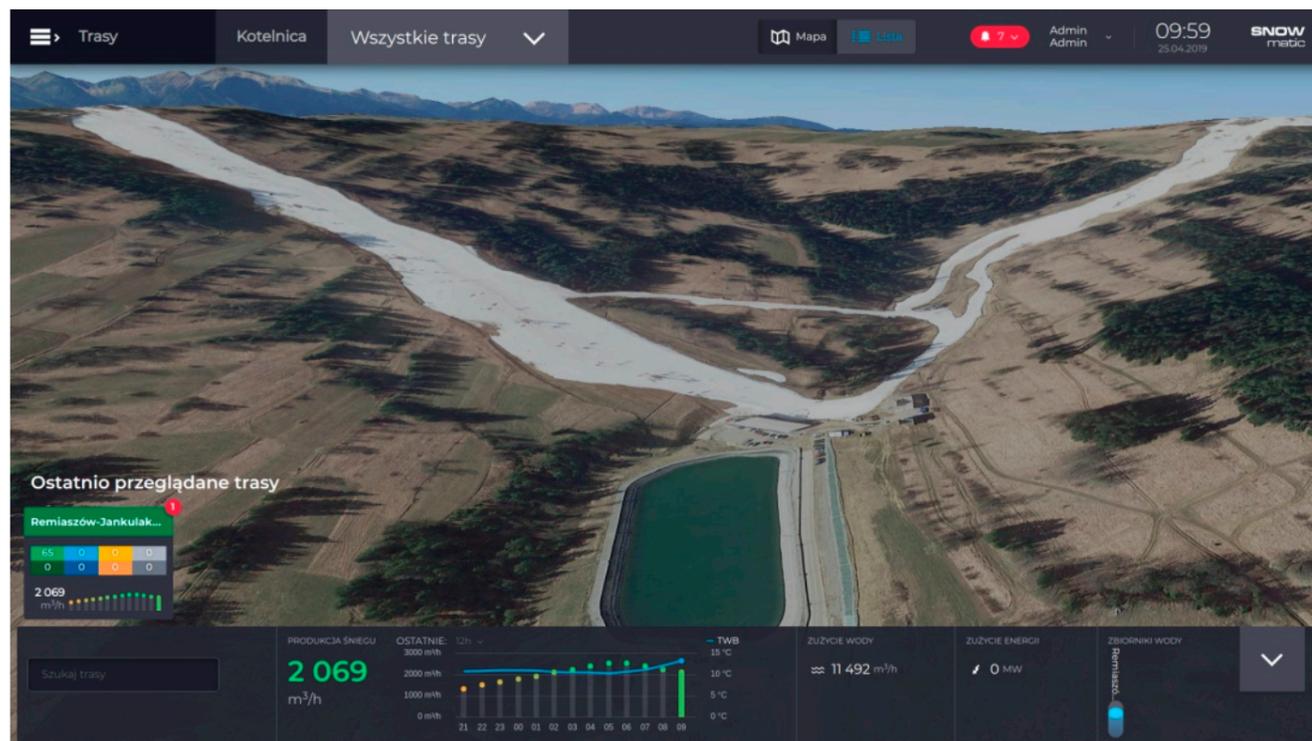
Infrastructure elements that we can control with Snowmatic:

- pumping stations,
- compressor stations,
- weather stations,
- cooling system,

- filtration system,
- snowmaking equipment,
- VALVES,
- Water reservoirs or river intakes.

Using the Snowmatic system, we optimize the snowmaking process, so we are sure that the favorable weather conditions have been used for hundred percent, and the snow has been produced where it was needed and in the required quality.

The benefits of using the system are many, but for ski resort owners the most important may be the fact that many times the use of Snowmatic determines whether a ski resort will open on the expected date. Users of the system have convinced themselves more than once that thanks to this solution they were able to produce the expected layer of snow within a very narrow weather window, which enabled them not only to run the ski slopes, but also allowed them to continue working at key moments of the season. The Snowmatic system allows control and planning of snowmaking processes.

The Snowmatic system is also a kind of database. Using this system, we can collect information on the atmospheric conditions that prevailed on the slopes, as well as data on the operation of equipment, electricity consumption or the amount of snow produced.

BASIC FEATURES OF THE SNOWMATIC SYSTEM

- Remote control of snow guns and lances (starting, stopping, changing operating parameters),
- Supporting the work of snowmaking personnel,
- Report generation,
- Automatic snowmaking according to specified criteria (initial temperature, schedule),
- Mapping and visualization of snowmaking equipment on the slopes,
- Monitoring and supervision of snowmaking operations by management staff,
- Weather parameters distributed between devices,
- Notifications and alerts,
- User management and audit trail,
- Integrated documentation system,
- Security updates and bug fixes,
- Diagnosing problems and supporting the process of eliminating them,
- Note-taking system.

INFRASTRUCTURE SUPPORT

- Snow guns and lances (possibility to hook up equipment from other manufacturers),
- Weather forecast integration,
- COMPRESSIONS,
- Pumping stations (simplified and full view),
- SMS and e-mail distribution,
- Weather stations,
- Cooling towers,
- Visualization of snow thickness measurement,
- Graphs showing current data,
- VALVES,
- Water reservoirs,
- Remote management and control of the entire infrastructure

RESOURCE MANAGEMENT

- Electricity management,
- Water consumption management.

KEY BENEFITS

- Web-based architecture that allows real-time control of the snowmaking system from anywhere with Internet access,
- Automatic change of snow quality,
- Snow production information,
- Integration of the weather forecast with the automatic snowmaking system,
- Intuitive supervision of the pumping station,
- Modern user interface.