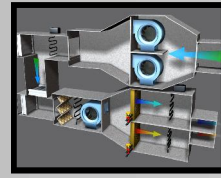




Security



Fire Alarm

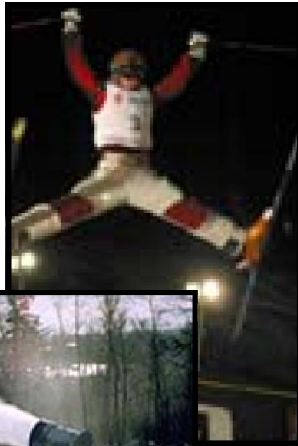


HVAC

DEER VALLEY SKI RESORT

PARK CITY, UTAH, USA

Home to the annual Freestyle FIS World Cup Aerial Event, Deer Valley was named the # 1 ski resort in North America by the readers of Ski Magazine.



To achieve and maintain a reputation as the # 1 resort in North America, Deer Valley needs to provide top notch snow conditions at all times.

Deer Valley has trusted Utah Controls with their state of the art snowmaking system since 1991 when our first project included the installation of a state of the art supervisory control and data acquisition system (SCADA) to monitor and control the snowmaking process.

The SCADA and process control system monitors and controls remote pumps and compressors stations throughout the 1,750-acre resort.

The SCADA system controls water pressure by using a series of valves and variable frequency drives to match the optimal pressure requirements needed for the number of snowmaking guns operating at any given time.

The control system monitors the conditions of the snowmaking pumps and compressors including, motor amperage, voltage, temperature, vibration, oil level, speed, fault condition and many others variables that are required for a dependable operation.

The snowmaking operators are able to completely monitor and control the system from the main terminal located at the maintenance facility.

Weather stations are also located at various sites on the mountain to determine the most favorable area to make snow.

For more information on this project. Please contact your Utah Controls Sales Representative.

SUPERVISORY
CONTROL AND
DATA ACQUISITION

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