



Solaris Development Vail Village, Colorado

Vail has been named the No. 1 ski resort in North America 14 of the last 19 years. In 2007/2008, developers and owners committed a \$2 billion renovation to continue the trend. The Solaris Residences, *the New Center of Vail Village*, is one of the highlights of the rebuilding process. The project contains 77 mountain-view condominiums, a gracious lobby with a double-height view of Vail Mountain, a Japanese sushi bar and sake lounge/restaurant, retail shops and galleries, a three-screen movie theater, a 10-lane bowling alley and a public plaza with an outdoor public ice rink in the winter that converts to a pop-jet fountain for the summer.

The property's garage facility provides heated underground parking, car wash services and valet. Our role consisted of designing a complex parking control and revenue system (PARCS). The garage houses both residential, hotel, and short-term visiting patrons. The parking equipment counts vehicles at every level to assist parkers in locating available parking spaces. The system is also designed to allow residential parkers to be guaranteed a parking space while simultaneously allowing visitors to utilize unused residential spaces in order to maximize the use of all parking spaces. The system integrates a parking counting system, coupled with automatic vehicle identification (AVI), and traditional parking revenue systems without cashier booths and attendants.



Images Used with Permission – Solaris, Vail

Parking Equipment for the 5 Parking Bays Included:

Pay on Foot Stations, Directional Delineators, Sensor Loops, Ticket Dispensers, Ticket Verifiers, Barrier Gates, Multi-Level Signs, AVI, and Single Space Sensors

“When our project development team began addressing how a wide variety of parking patrons could best be served, we discovered a confusing maze of access and control equipment. Inquiries to vendors let us know this is an industry that seems to change hourly, so we felt a consultant would be very helpful. We found Melissa Baughman at Parking Consultants LLC to be the Swiss Army Knife of PARCS. Her tenacity and knowledge resulted in a very good parking control system for Solaris.”

Sharon Puczynski
Project Coordinator
Solaris Vail
2211 S Frontage Road
Suite A
Vail, CO 81657
970-479-7566