

SUNSET RIDGE INTERMEDIATE AND VIEW RIDGE MIDDLE SCHOOLS

RIDGEFIELD, WASHINGTON, UNITED STATES

OVERVIEW

[Sunset Ridge Intermediate School](#) (grades 5–6) and [View Ridge Middle School](#) (grades 7–8) are housed in one building with shared core spaces. Built to accommodate 1,200 students, the facility has two levels with 44 classrooms, band and choir rooms, two gyms, a multipurpose area, a large commons, and a dedicated science, technology, engineering, art, and math (STEAM) wing. The [Ridgefield School District](#) strives to be Washington State's premier district, leveraging strong community partnerships to provide personalized learning experiences that ensure success for all students.

PROJECT DETAILS

Authorized Dealer [Sunbelt Controls](#) installed a Reliable Controls building automation system during construction of the Sunset Ridge Intermediate and View Ridge Middle School facility.

The mechanical system consists of air-handling units, a chiller, boilers, fan-powered boxes, variable air volume boxes, an energy recovery ventilator, and radiant slab heating and cooling. Sunbelt installed 94 MACH-ProAir, two MACH-ProCom, and 36 MACH-ProZone devices for equipment control. RC-Archive, RC-RemoteAccess, and RC-WebView software provide building operators with the flexibility of a BACnet Virtual Private Network, archived system data, and a simple interface accessed by a single sign-on.

The STEAM wing is an important part of the Ridgefield School District's vision. Classrooms face south to maximize daylight, and the commons gives students from the two schools a place to interact.

Key aspects of the building automation system are its flexibility, ease of use, safety and security for students and staff, energy efficiency, and provision of a healthy environment that supports learning and teaching.

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MARKET SEGMENT:

Education

PROJECT TYPE:

New construction

INSTALLATION TYPE:

HVAC

TOTAL AREA:

13,471 m² (145,000 ft²)

NETWORK:

EIA-485, Ethernet

PROTOCOL:

BACnet

BACNET:

Chiller, boilers, ABB pump VFDs, Onicon flow meters, Siemens power meters

EQUIPMENT INSTALLED:

94 MACH-ProAir™ controllers

2 MACH-ProCom™ controllers

36 MACH-ProZone™ controllers

RC-Archive® software

RC-RemoteAccess® software

RC-WebView® software

TOTAL OBJECTS:

1,081

**RELIABLE CONTROLS
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