

# ADIDAS NORTH AMERICAN HEADQUARTERS

PORTLAND, OREGON, USA

ADMINISTRATION

## OVERVIEW

A target LEED Gold project in 2020 expanded Adidas's North American headquarters in Portland with two new signature buildings that strengthen campus connectivity and cohesiveness. True to the Adidas brand, the project was inspired by small stadium environments where spectators and players engage in an active dialog. The architecture of the two buildings connects creative work, community, and sport.

## PROJECT DETAILS

Reliable Controls Authorized Dealer Sunbelt Controls installed a complete Reliable Controls system during construction of two impressive LEED Gold-certified buildings for Adidas. The backbone of the new buildings is a MACH-ProWebCom controller networked with MACH-ProCom, MACH-ProZone, and MACH-Pro1 controllers to control air-handling units, a boiler system, a chilled-water system, and more.

The mechanical system in the project's north building includes four air-handling units that provide conditioned air to terminal devices via two chillers and a cooling tower. Over 200 MACH-ProAir devices control the hydronic-heating terminal units. Sunbelt Controls installed third-party CO<sub>2</sub> and NO<sub>2</sub> sensors to monitor the four underground parking levels and trigger exhaust fans that ventilate the space.

In the south building, the flexibility of the Reliable Controls system meant Sunbelt Controls could use BACnet to integrate a variable refrigerant flow system, an energy recovery ventilator, boilers, variable frequency drives, and energy meters.

RC-Studio and RC-RemoteAccess software allowed Sunbelt Controls to easily integrate multiple third-party devices into this complex building automation system. Sunbelt's software engineers had full support from the Reliable Controls technical support team, facilitating a smooth installation.

Reliable Controls and Sunbelt Controls are incredibly proud of their integral role in the construction of these two new energy-efficient buildings for Adidas.

To learn more about projects using Reliable Controls® visit  
[reliablecontrols.com/projects](http://reliablecontrols.com/projects)



### PROJECT TYPE

**New construction**

### TOTAL AREA

**42,735 m<sup>2</sup> (460,000 ft<sup>2</sup>)**

### INSTALLATION TYPE

**Boiler, chiller, CO/NO<sub>2</sub> monitoring, HVAC, variable air volume, variable refrigerant flow, water monitoring**

### EQUIPMENT INSTALLED

**3 MACH-Pro1™ controllers  
 208 MACH-ProAir™ controllers  
 6 MACH-ProCom™ controllers  
 1 MACH-ProWebCom™ controller  
 24 MACH-ProZone™ controllers  
 RC-Studio® software  
 RC-RemoteAccess® software**

### NETWORK

**EIA-485, B/VPN, wireless**

### PROTOCOL

**BACnet**

### BACNET INTEGRATION

**LG variable refrigerant flow system, YORK chillers, AERCO boilers, Huntair air handling units, ABB variable frequency drives, Veris energy meters, and Senva CO<sub>2</sub>/NO<sub>2</sub> sensors.**

### POINTS

**1,552**

### RELIABLE CONTROLS AUTHORIZED DEALER

