

ORANGE COUNTY GOVERNMENT

ORANGE COUNTY, FLORIDA, UNITED STATES

GOVERNMENT

OVERVIEW

Orange County Government serves the nearly 1.4 million citizens of Orange County, Florida, and employs more than 8,000 people. An estimated \$4.4 billion budget covers public safety operations for residents and more than 75 million annual visitors as well as operation of the public library, sheriff's department, parks and recreation centers, transportation services, and other constitutional offices. Reliable Controls Authorized Dealer Precision Automation maintains a continuing service contract for Orange County Government's 60+ facilities.

PROJECT DETAILS

Authorized Dealer Precision Automation provides ongoing service for Orange County Government facilities and in 2015 was named one of three approved building automation system vendors for the county. Completed projects range from integrating direct-expansion cooling systems in community centers to working with chilled water air-handling units that employ variable-air-volume box control in multiple buildings. Over the past year, Precision Automation has worked on more than two dozen projects for Orange County Government worth more than \$350,000.

Multiple facilities communicate on the county's local area network, which hosts 350 Reliable Controls devices and controllers. At each site, a MACH-ProCom or MACH-ProSys controller is integrated with a mixture of BACnet MS/TP devices, including chillers, boilers, air-handling units, variable-air-volume units, heat pumps, variable-refrigerant-flow systems, variable frequency drives, and energy-metering equipment.

Precision Automation works hard to meet the unique demands of each facility and the challenge of performing upgrades while buildings are occupied. Orange County Government's mission is to serve citizens and guests with honesty, integrity, fairness, and professionalism—a mission that Precision Automation and Reliable Controls take seriously in their efforts to provide sustainable solutions that balance comfort, efficiency, and greenhouse gas reductions in Orange County buildings.

To learn more about projects using Reliable Controls® visit
reliablecontrols.com/projects/overview



PROJECT TYPE

Retrofit

TOTAL AREA

Over 60 facilities

INSTALLATION TYPE

HVAC, lighting

INSTALLED EQUIPMENT

4 MACH-Pro1™ controllers
 124 MACH-ProAir™ controllers
 43 MACH-ProCom™ controllers
 8 MACH-ProSys™ controllers
 9 MACH-ProPoint™ expansion modules
 63 MACH-Stat™ controllers
 62 MACH-ProView™ LCD controllers
 81 MACH-ProZone™ controllers
 118 SMART-Sensor™ LCD devices
 154 SMART-Sensor™ EPD devices
 RC-Archive® software
 RC-Studio® software
 RC-Toolkit® software
 RC-WebView® software

NETWORK

EIA-485, Ethernet, B/VPN

PROTOCOL

BACnet

INTEGRATED EQUIPMENT

AAON, Bard, Trane, Daikin, Carrier, Mitsubishi, ABB

OBJECTS

26,000+

RELIABLE CONTROLS AUTHORIZED DEALER

Precision
 AUTOMATION
 INC.

...empowering people with technology



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