

JEFFERSON COUNTY GOVERNMENT CENTER

DENVER, CO, USA

GOVERNMENT

AT THE CENTER OF CONTROL

Set on a 180-acre campus outside of Denver, Colorado, the Jefferson County Government Center was inspired by Thomas Jefferson's famed residence, Monticello. The Jefferson County Government Center is comprised of a 125-foot central rotunda tangent to two semicircular wings that bow out symmetrically into the landscape. The complex is comprised of the Human Services building, District Attorney's building, a jail, and numerous support facilities.

PROJECT DETAILS

The Reliable Controls[®] MACH-System installed at the Jefferson County Government Center was a retrofit of an existing system. In comparison to the upgrade price for the existing system, the replacement price for the Reliable Controls[®] retrofit was sufficiently lower and allowed the county to allocate funds for the replacement of the original lighting system with a Reliable Controls[®] solution. The result was a completely integrated HVAC and Lighting control system. The facility's HVAC system features 26 air-handlers, a chiller plant, flat plate, and boiler plant.

Creative programming and sequence optimization have resulted in energy savings that were not anticipated. With 14 high-traffic courtrooms on one side of the complex, and administrative offices on the other, the installation was conducted without any interruption of daily business. In addition to the Government Center, the existing DDC systems were retrofitted in the Human Services building and the District Attorney's building.

To learn more about projects using Reliable Controls[®], visit www.reliablecontrols.com/projects/overview.



PROJECT TYPE:

Retrofit

INSTALLATION TYPE:

HVAC, Lighting

TOTAL AREA:

46,000 m² (500,000 ft²)

EQUIPMENT INSTALLED:

**2 MACH-Global™
10 MACH-Air™
16 MACH2™
24 MACH-Zone™
30 MACH1™**

NETWORK:

EIA-485

TOTAL SYSTEM POINTS:

2,500 points

RELIABLE CONTROLS[®] DEALER:

American Mechanical Services

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