

MERCY HEALTH - LOURDES HOSPITAL

PADUCAH, KY, USA

HEALTH CARE

OVERVIEW

Mercy Health – Lourdes Hospital serves as a regional referral center for a wide geographic region, including more than a dozen counties in western Kentucky, southern Illinois, southeast Missouri, and northwest Tennessee. Mercy Health – Lourdes Hospital offers an extensive array of medical specialties and technologies typically found in much larger urban settings.

PROJECT DETAILS

Authorized dealer Automated Building Concepts Inc. successfully participated in this ongoing facility renovation project to upgrade all existing pneumatic and DDC control systems with Reliable Controls technology.

The network architecture for this health project consists of the following controllers: 158 MACH-ProAir, 7 MACH-ProSys, 4 MACH-ProCom, 8 MACH-Pro2, and 3 MACH-ProZone.

The mechanical equipment controlled on the site includes fan coil units, flow monitors, critical room monitors, and several variable-frequency drives. With the installation of Reliable Controls products, facility administrators can now oversee and control the air handlers, room monitors, variable air volume boxes, and fan coils.

Hospital employees and support staff access the building automation system using RC-WebView and RC-Studio through a secure BACnet VPN using RC-RemoteAccess. Nursing staff use a graphical interface to monitor all areas, including surgical suites, for code compliance and readiness. Analytics of the facilities data is completed using RC-Reporter and RC-Archive. With this powerful suite of software products working in tandem, the hospital is able to very effectively oversee all aspects of the facility's operations and ensure occupant satisfaction.

The hospital team can depend on generating accurate reports when compliance authorities visit the facility. The facility manager was instrumental in creating a library of RC-Reporter reports for code adherence, which made for a smooth installation with no impact on client and staff comfort levels. Reliable Controls and Automated Building Concepts Inc. are very pleased to have played an important role in the ongoing upgrade of this facility.

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



PROJECT TYPE:

Retrofit

INSTALLATION TYPE:

HVAC, VAV

TOTAL AREA:

57,600 m² (620,000 ft²)

PROTOCOL:

BACnet®, MODBUS

POINTS:

2640

EQUIPMENT INSTALLED:

7 MACH-ProSys™
 4 MACH-ProCom™
 8 MACH-Pro2™
 3 MACH-ProZone™
 158 MACH-ProAir™
 RC-Archive®
 RC-RemoteAccess®
 RC-Reporter®
 RC-Studio®
 RC-WebView®

RELIABLE CONTROLS® DEALER:

Automated Building Concepts Inc.

www.reliablecontrols.com