

Authorized Dealer



CONTROL CONCEPTS OHIO

Market segment
Health care

Location
North Olmsted, Ohio, United States

Project type
New construction

Installation type
HVAC

Total area
15,793 m² (170,000 ft²)

Protocol
BACnet

VITALIA North Olmsted

Project Profile

VITALIA runs 11 age-targeted lifestyle communities in Northeast Ohio. [VITALIA North Olmsted](#) is a new adult living facility that offers villa homes, senior apartments, assisted living, and memory care with a range of services and floor plans for residents aged 55+. The facility includes a restaurant, private dining room, fitness center, library, theater, indoor swimming pool, and beauty salon.

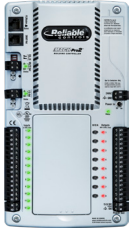


Authorized Dealer [Control Concepts of Ohio](#) installed a Reliable Controls building automation system during construction of VITALIA North Olmsted to provide general temperature control and maintenance diagnostics.

Integrated equipment
Trane rooftop units

Total system objects
3,000

Installed equipment



2 MACH-Pro2™
controllers



33 MACH-ProAir™
controllers



2 MACH-ProCom™
controllers



3 MACH-ProZone™
controllers



RC-RemoteAccess®
software



RC-Studio® software

Control Concepts of Ohio installed two MACH-ProCom devices to control large mechanical equipment. With its scalable inputs and outputs, extensive network routing abilities, and compact size, the MACH-ProCom achieves an optimum balance between form and function. For control of rooftop and small mechanical room equipment, the dealer used two MACH-Pro2 and three MACH-ProZone devices, each a fully programmable BACnet Building Controller. Designed to be a workhorse of the industry, the MACH-Pro2 is rugged, flexible, and ideal for applications like this one. The MACH-ProZone is packed with flexibility and provides highly scalable inputs and outputs with jumper-selectable relay configuration. For VAV control, the dealer installed 33 MACH-ProAir devices with onboard damper motors and airflow sensors, eliminating the need for separate sensors and actuators.

Control Concepts of Ohio used RC-Studio software to design, develop, and deploy the facility's new building automation system. This easy-to-use BACnet Advanced Operator Workstation is the ultimate all-in-one engineering tool from Reliable Controls to help facility managers improve operational efficiency, increase comfort and engagement, and achieve their sustainability goals. And using RC-RemoteAccess software, the dealer simplified IT management and improved data communications in the building in a way that's affordable, scalable, and secure.

Special thanks are due to Kevin Taylor, senior project manager, who shepherded this project from approval to completion.



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