

ELKHART HEALTH & AQUATICS CENTER

ELKHART, INDIANA, UNITED STATES

HEALTH CARE

OVERVIEW

Elkhart Health & Aquatics Center is a large recreational facility that serves Elkhart and surrounding communities with a state-of-the-art health and fitness center focused on wellness and medical solutions, a first-class regional aquatics center for the public that also supports high-school programs and regional competitions, and a community center with a flexible meeting space, a gymnasium, and open gathering spaces. The facility houses one of the largest pools in the United States.

PROJECT DETAILS

Reliable Controls Authorized Dealer OJS Building Services installed a Reliable Controls system in the new Elkhart Health & Aquatics Center in Indiana.

OJS implemented a MACH-ProWebSys controller with MACH-ProPoint expansion modules, a MACH-ProCom controller, MACH-ProAir controllers with actuators and flow sensors, and MACH-ProZone controllers to manage six rooftop units, a boiler, water circulation pumps, and a variable air volume system. Not only does the new building automation system precisely control the indoor environment, it also controls the temperature in the Olympic-size pool, therapy pool, teaching pool, and whirlpool, which features innovative, energy-efficient underwater LED lighting.

Following 3 years of design and construction, Elkhart Health & Aquatics hosted 55 event days in the first 6 months after opening, and with Indiana considered a swimming hotbed in the United States, Elkhart has raised the bar in terms of what is possible for a swimming facility.

“This project only happened due to a group effort,” says the facility’s aquatics director. Reliable Controls and OJS are proud to have been part of this effort.

To learn more about projects that use Reliable Controls, visit reliablecontrols.com/projects/overview



PROJECT TYPE

New construction

TOTAL AREA

15,886 m² (171,000 ft²)

INSTALLATION TYPE

Boiler, fan-coil unit, HVAC, variable air volume

EQUIPMENT INSTALLED

69 MACH-ProAir™ controllers
5 MACH-ProCom™ controllers
11 MACH-ProPoint™ Input/Output expansion modules
1 MACH-ProWebSys™ controller
8 MACH-ProZone™ controllers

NETWORK

EIA-485, B/VPN, WAN

PROTOCOL

BACnet

POINTS

475

RELIABLE CONTROLS AUTHORIZED DEALER

