![Reliable Controls logo]

Authorized Dealer

S. & T. Group

Market segment
Health care

Location
Sault Ste. Marie, Ontario, Canada

Total area
1,858 m² (20,000 ft²)

Project type
Retrofit

Protocol
BACnet

Installation type
HVAC, lighting

Northway Wellness Centre at Sault Area Hospital

Project Profile

Greeley West High School, part of Greeley-Evans Weld County School District 6, was constructed in 1965 as an 800-student school. The existing building was supported by 19 portable classrooms with an enrollment that doubled its original capacity. In 2022 construction was completed on a new facility with modern, collaborative spaces, a large central hub, a performance theater, gyms, career and technical program space, daylight-filled classrooms, and enhanced safety and security features.
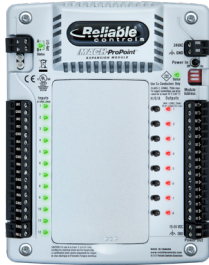

Authorized Dealer S. & T. Group installed a Reliable Controls building automation system at the new Northway Wellness Centre facility on Old Garden River Road in Sault Ste. Marie.
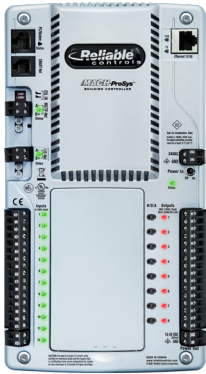
Total system objects
6,200

Installed equipment

51 MACH-ProAir™
controllers

4 MACH-ProPoint™
expansion modules

6 MACH-ProSys™
controllers

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S. &. T. Group used six MACH-ProSys controllers expanded with MACH-ProPoint modules to integrate the building's mechanical equipment, which includes the main boiler plant as well as air-handling and terminal units. With extensive network routing ability to multiple open protocols and highly scalable inputs and outputs, the MACH-ProSys BACnet Building Controller is the ideal choice for large rooftop equipment, large mechanical rooms, and complex integrated systems.

For VAV control, S. & T. Group installed 51 MACH-ProAir controllers, each with an airflow sensor and onboard damper motor, eliminating the need for separate sensors and actuators.

Today building managers efficiently manage the control system over the internet using RC-WebView software, an easy-to-use browser-based solution that combines the power of enterprise tools with a simple interface accessed by a secure single sign-on. S. & T. Group leveraged the alarming, trending, and active directory features in RC-WebView to create a seamless experience for operators, allowing them to focus on the things that matter instead of working with multiple systems and connections. RC-Archive software continuously downloads data logs to an industry-standard SQL database, delivering a robust record of building performance.

The Reliable Controls building automation system measures electricity, gas, and energy use, providing relevant, real-time data that will help facility managers optimize building performance now and in the future.