

KAYE EDMONTON CLINIC

EDMONTON, ALBERTA, CANADA

INTRODUCTION

The [Kaye Edmonton Clinic](#), a partnership of [Alberta Health Services](#) and the [University of Alberta](#), consolidates 80 outpatient clinics under one roof, where multidisciplinary teams provide outpatient clinical care and numerous services and specialties to more than a million patients each year. The Kaye Edmonton Clinic allows rural Albertans to stay in their communities while keeping them connected via new technologies to the latest advances in diagnosis and treatment.

PROJECT DETAILS

Authorized Dealer [SERV-ALL Mechanical Services](#) installed a Reliable Controls building automation system during construction of the Kaye Edmonton Clinic.

Networked hardware includes first- and second-generation Reliable Controls devices that communicate over BACnet/IP to control lighting, smoke fans, variable air volume boxes, fan-coil units, and HVAC equipment.

Four huge air-handling units made this a unique project for SERV-ALL Mechanical Services. The common supply for air-handling units and return plenums were a challenge in the control and distribution of air.

The Kaye Edmonton Clinic achieved LEED Silver certification from the [Canada Green Building Council](#). LEED certification signifies a building conserves resources, reduces operating costs, prioritizes sustainable practices, lowers carbon emissions, and creates a healthier indoor environment.

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MARKET SEGMENT:

Health care

PROJECT TYPE:

New construction

INSTALLATION TYPE:

HVAC, lighting

TOTAL AREA:

62,245 m² (670,000 ft²)

PROTOCOL:

BACnet

EQUIPMENT INSTALLED:

4 MACH1™ controllers

1 MACH2™ controller

53 MACH-ProCom™ controllers

62 MACH-ProZone™ controllers

774 SMART-Space Controller devices

TOTAL SYSTEM OBJECTS:

5,000

CERTIFICATIONS

LEED Silver

RELIABLE CONTROLS AUTHORIZED DEALER:

SERV-ALL 
Specializing in Building Performance