

ENVIRONMENTAL QUALITY:
Over 1/3 of LEED® Platinum certified
buildings in BC use Reliable Controls®

AUTHORIZED DEALERS:
Our Authorized Dealer Network consists
of 200 dealers across 30+ countries

www.reliablecontrols.com

RUNtime

The Official Quarterly Newsletter of Reliable Controls® Corporation

Q2 - 2015

myControl®



**Empower Your Occupants.
Control Your Comfort.**



CONTROL YOUR COMFORT

The myControl® mobile app offers fully customized mobile interfaces to your Reliable Controls® MACH-System™.

Reliable Controls is pleased to announce the official release of myControl, a fully customized, mobile interface for the popular MACH-System. Compatible with both Android and iOS operating systems, this hotly anticipated app can be downloaded from either the Google Play Store or Apple App Store.

The myControl user interface provides individual personal control for occupants through accessible settings for temperature, lighting, ventilation, occupancy, and more. The Reliable Controls LEED® certified HQ Annex uses myControl to empower employees with controlling their own space, adding a level of accountability as well as the potential for energy savings.

Any configured MACH-System control point can be monitored and adjusted using the app. STATview provides a familiar, programmable thermostat interface, allowing users to monitor and control the operation of unitary HVAC equipment. LISTview provides a flexible, custom list of system points that can be quickly viewed and adjusted. SPACEview provides a simplified, intuitive interface to adjust environmental conditions.

Choose from three easy to use "views":

STATview

Provides a programmable thermostat interface, allowing users to monitor and control the operation of unitary HVAC equipment



LISTview

Provides a custom list of up to 12 system points that an occupant or operator can quickly view and adjust



SPACEview

Provides an intuitive interface for occupants to adjust environmental conditions in their space



TEMPERATURE

Occupants can easily adjust the temperature setpoint of their work spaces. The setpoint determines temperature control for the radiant floor and incoming air from the trickle vents.



SUNSHADES

Occupants are able to dynamically adjust the position of their individual exterior motorized sunshades. This provides a highly effective way to minimize cooling loads in summer due to solar gain.

OCCUPANCY

At the Reliable Controls Headquarters Annex, each individual zone automatically switches to occupied mode when the occupant of that zone swipes their security card in the morning. Whenever the occupant vacates the space, they can save energy by switching their zone to unoccupied mode. The building automation system also sweeps zones to unoccupied mode each evening.



LIGHTING

Occupants at Reliable Controls can dynamically adjust their individual lighting setpoint. The system then uses daylight-harvesting to automatically adjust lighting to maintain a constant lumen level.

To learn how to get the myControl app directly into your hands, contact your local Reliable Controls Authorized Dealer at: reliablecontrols.com/sales

Better by design™

AUTHORIZED DEALERS

The Reliable Controls® Worldwide Network of Authorized Dealers consists of some 200 companies in 30+ countries.

Reliable Controls sales, installation, service, and support are all performed by a growing network of independent, factory-trained Authorized Dealers. Each dealer is committed to the green building controls industry and to providing total customer satisfaction.

Committed to having the most satisfied dealers and end-users in the industry, Reliable Controls believes training is key to achieving success in the controls industry.

Every Reliable Controls Authorized Dealer must commit to factory training, and also, to maintaining a Level 3 certification of technical staff. Training classes are scheduled regularly and online courses are available for Authorized Dealers, anytime, anywhere.

As a pre-requisite to register for the mandatory five-day classroom courses, Authorized Dealers must enroll in the Reliable Controls Authorized Dealer Certification Program and must also successfully complete a number of online eLearning courses. New eLearning courses describing new products, features, and methods are added each year.

Many Authorized Dealers claim that Reliable Controls has the best technical support in the industry. Front line help-desk support is backed up by research and development staff, training staff, and application engineering staff. The resources along with eight local regional offices all contribute to keeping Authorized Dealers and end-users satisfied around the world.

The Regional Sales Managers of Reliable Controls Corporation seek out controls contractors

who maintain a high degree of excellence and depth of resource in five key areas of business. These are known as quality factors, or in short, Q-Factors:

Management Commitment
Dedicated Sales Professionals
Experienced Estimators
Detailed Project Managers
Trained Technical Personnel

Each Q-Factor is discussed in detail and organized as part of the Reliable Controls Authorized Dealer Program.

The Authorized Dealer Program consists of five levels (bronze, silver, gold, platinum, diamond). Each level provides benefits and requires Q-Factor criteria to be met. The program recognizes the full spectrum of Authorized Dealers from the new start-up company that is beginning to show promise in the controls industry, to the veteran organization that has achieved excellence and has reinvested in resources for all areas of the company.

Successful Authorized Dealers understand the commitment required in the people, technology and processes, which create lasting solutions to the challenges faced by building automation system (BAS) customers.

Look for the Reliable Controls Authorized Dealer logo, and be assured of long-term, confident performance, and complete satisfaction in the following countries:

Worldwide network

Canada

USA

Mexico

Honduras

El Salvador

Panama

Puerto Rico

Colombia

Brazil

Argentina

Uruguay

Singapore

Australia

Indonesia

Taiwan

Malaysia

China

Philippines

India

Ireland

Hong Kong

Italy

Saudi Arabia

Lebanon

Thailand

South Africa

New Zealand

Reliable Controls® sales, installation, service, and support are all performed by a global network of independent, factory-trained Reliable Controls Authorized Dealers. Each dealer is committed to the green building controls industry and to providing total customer satisfaction.

Visit our website to locate a Reliable Controls Authorized Dealer near you:

Reliable Controls Corporate Head Office
1.877.475.9301
info@reliablecontrols.com

www.reliablecontrols.com/sales

NEW DEALERS

New Reliable Controls® Authorized Dealers include:



BAS Supply
Cali, VALle, Columbia



Callander Control Ltd Rotorua
Rotorua, Bay of Plenty, New Zealand



IES Group Ltd.
Christchurch, New Zealand



Unify Energy Solutions Colorado
Mead, CO, USA



Unify Energy Solutions - San Antonio
San Antonio, TX, USA



Vesta Technologies Inc.
Columbus, WI, USA

TRADE SHOWS

Visit Reliable Controls® at these upcoming trade shows:

Colorado Energy Expo
May 13, 2015
Sports Authority Field at Mile High, Denver, Colorado, USA



IRACE New Zealand Trade Exhibition and Conference 2015
May 14-15, 2015, Booth #1
Air Force Museum, Wigram, Christchurch, New Zealand



2015 AIRAH Perth
May 28, 2015
Gloucester Park, Perth, Western Australia, Australia



EFMA BC 2015 Conference
June 2-4, Booth #29
Penticton Trade & Convention Centre, Penticton, BC



West Coast Energy Management Congress
June 3-4, 2015, Booth #411
Long Beach Convention Center, Long Beach, CA, USA



2015 AIRAH Darwin
June 10, 2015
Darwin, Northern Territory, Australia



2015 AIRAH Sydney Central
June 25, 2015
Sydney, New South Wales, Australia



ENVIRONMENTAL QUALITY

Over one third of LEED® Platinum certified buildings in British Columbia use Reliable Controls® to help achieve certification.

LEED, or Leadership in Energy & Environmental Design, is a green building rating system that certifies best-in-class building strategies and practices. This system provides a definitive standard for what constitutes a green building in design, construction, and operation. Certification involves the comprehensive evaluation of a broad set of criteria aimed at producing a durable, high-performance building that can be constructed and operated with minimal environmental impact.

Green buildings are designed using an integrated team approach to save energy, use less water, and create less waste during construction and operation, while providing an elevated level of indoor comfort. By implementing this well-rounded, holistic approach, a green building provides enduring social, environmental, and economic benefits.

Designing, manufacturing and servicing its products under one roof at its head office location in Victoria, British Columbia, Canada, Reliable Controls helps facilities achieve LEED certification partly through the use of the industry standard ASHRAE BACnet® protocol. Choosing the BACnet protocol for building controls supports sustainable buildings because the standard allows multiple vendors to co-exist and share data on a common network, thereby maximizing the usefulness and longevity of the network. At the Reliable Controls headquarters, there are at least eight different BACnet vendors integrated into a single system (ABB, Badger, Casel, CET, Danfoss, Grundfos, Tridium, and

Reliable Controls). BACnet integration of the HVAC, lighting, and security systems allows occupied comfort settings to be enabled, maximizing energy savings. Individual control of temperature, light, sunshades, and occupancy is provided via LAN or wireless access.

The measurement, verification, and controllability of mechanical and electrical systems are critical aspects in the design and operation of sustainable buildings and as a result, Reliable Controls is uniquely positioned to deliver long-term solutions to these important sustainability requirements.

Reliable Controls not only manufactures freely programmable controllers, but also achieves credibility through effective archiving and reporting. RC-Archive® software delivers a robust record of performance from any internet-connected, BACnet facility, continuously downloading mechanical and electrical system logs into an SQL database. Meanwhile, RC-Reporter® software allows facility managers to extract intelligence from archived building data and make informed operational decisions to help achieve a higher level of energy savings.

Communicating environmental quality to occupants coupled with the use of occupant-controlled lighting promotes the idea that everyone plays a part in saving energy costs. Providing occupants with a tactile and responsive way to interact with their own environment is a great strategy to increase energy accountability and optimization. For a summary of all Canadian LEED buildings (certified, silver, gold, platinum), please visit: reliablecontrols.com/corporate/facility/stats.php.

LEED Platinum

Dockside Green is a 1.2 billion dollar development earning the world's first platinum LEED ND (Neighborhood Development) certification. The site's first completed building broke the world record for the highest LEED point score.



**Dockside Green
Victoria, BC**

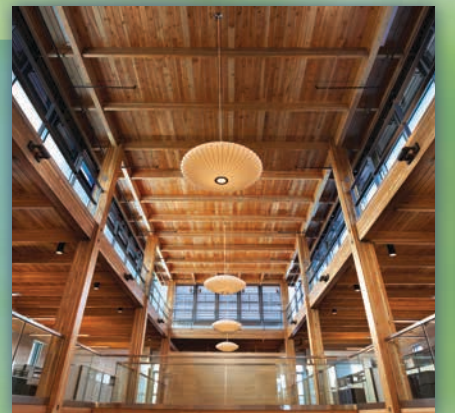


LEED Platinum

The Reliable Controls LEED Platinum certified HQ Annex is a naturally ventilated, LEED Platinum certified facility, designed to operate using 50% less energy than the ASHRAE 90.1 (1999) standard.



**Reliable Controls HQ Annex
Victoria, BC**



LEED Platinum

The VanDusen Botanical Garden Visitor Centre was designed through inspiration from an orchid leaf. The highly sustainable building truly reflects nature, producing enough energy on an annual basis to meet its own requirements.



**VanDusen Botanical Garden Visitor Centre
Vancouver, BC**



LEED Platinum

The Centre of Excellence for Clean Energy is a multi-use facility based at the Dawson Creek Campus of Northern Lights College, designed to produce all energy through wind turbine, solar panels, biomass, and geothermal systems.



**Clean Energy Technology Centre of Excellence
Dawson Creek, BC**





WALKING THE TALK

To retain full quality control, Reliable Controls® steadfastly resists the trend to outsource any component of its business.

In a fragmented market, where many companies in the controls industry are resorting to reselling OEM products, outsourcing software development, and relying on outside advertising agencies, Reliable Controls is often asked how it goes about such tasks.

In fact, at recent trade shows, the company was repeatedly asked the following questions:

*Who manufactures your controllers?
Who designs your products?
Who develops your software?
Who develops your firmware?
Who does your training?
Who produces your graphics and animations?
Who does your advertising?
Who handles your technical support?*

The company's response to all of these queries?

We do!

For many companies in this industry, the key hardware and software applications are developed and manufactured by third parties and then relabeled. Reliable Controls products and services, on the other hand, are produced in-house; the company steadfastly resists the trend to outsource any component of its business, and prefers instead to develop its own processes internally and retain full quality control.

All manufacturing, design, development, training, service and repair are housed under one roof at the company's headquarters in Victoria, BC, Canada. Sales and marketing are also completed in-house, and are split between the headquarters

people & technology
you can rely on™

and its subsidiaries and sales office locations. The headquarters facility exemplifies not only the products manufactured at the company, but its LEED® Platinum certified HQ Annex, which upholds the energy efficiency goals to which the company has committed.

Housing every pre-sales aspect at the company's head office allows Reliable Controls to avoid outsourcing. The entire headquarters facility is ISO 9001/14001 certified, and the LEED Platinum certified HQ Annex holds the Research & Development, Sales & Marketing, Service and Repair, Training, and Administration departments.

"We are in a unique position," said Tom Zaban, VP of Sales & Marketing. "We are in complete control of the quality of the products and services we deliver and we use our own products to earn the LEED Platinum rating for our facility. That's 'walking the talk'!"



PT KONIMEX

CENTRAL JAVA, INDONESIA

PHARMACEUTICAL

RELIABLE HVAC CONTROL

PT Konimex is an Indonesian-based pharmaceutical sales and manufacturing company, with a focus on happiness and health. The company image is one of social consciousness, with an emphasis on environmental initiatives, including effective wastewater treatment and air filtration.

PROJECT DETAILS

PT Deltamas of Tangerang, Indonesia successfully completed this project to update the PT Konimex facility to enhance its environmental standards and meet government regulations. The project is a combination of retrofit and new construction.

The Reliable Controls products used in this project include four MACH-ProWebSys controllers and twenty MACH-ProPoint devices. The equipment controlled on this project includes fifteen air handling units, three chillers, and three cooling towers. Control and monitoring of HVAC equipment for the pharmaceutical clean room production area was essential, as well as monitoring and archiving of the Environmental Monitoring System (EMS), temperature, humidity, and room pressure for three different sites in the plant area: extraction, external medicine, and oral medicine.

While the number of points in this project is not a significant issue, accuracy of the implemented controls is very important, as all sensors must be accompanied with individual calibration certificates. The project spanned three new buildings and one retrofit building. Building automation systems were installed in each building along with Reliable Controls devices for control room monitoring, chillers, and air handling units, and the systems are operated 24/7 to maintain the environment parameters.

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



PROJECT TYPE:

Retrofit & New Construction

INSTALLATION TYPE:

Air Handling Unit, Chiller, Cooling Tower

EQUIPMENT INSTALLED:

4 MACH-ProWebSys™

20 MACH-ProPoint™

INTEGRATION:

BACnet®, Modbus

TOTAL SYSTEM POINTS:

400 points (HVAC)

180 points (EMS)

RELIABLE CONTROLS[®] AUTHORIZED DEALER:

PT Deltamas

www.reliablecontrols.com