

BACnet

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Delta Controls: A BACnet technology leader.

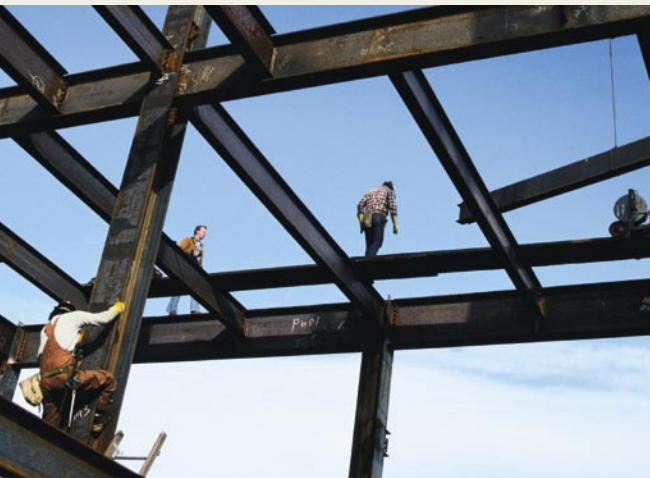




“In every industry there are watershed changes in technology that redefine how business is done. The BACnet® open protocol is one such change that truly shifts the economic control back to building owners. I am proud of Delta Controls’ “Do It Right” commitment to BACnet and the early leadership position we took in developing and promoting this technology.”

—Raymond Rae, Co-Founder, Delta Controls; A Founding Director, BACnet Manufacturers Association (BMA)

SINCE 1980, DELTA CONTROLS has taken a single approach to business: **Do what it takes to do the job right. All the time, every time. That’s why we offer the most robust BACnet platform**



available today, have designed our own HVAC, lighting, access and security controls to be fully integrated, and why we test all products before installation.

We pride ourselves on our easy-to-use graphic interface, customizable software and single-seat workstations. No wonder hospitals and schools, office buildings and airports from around the world have all called upon us for innovative control systems. Simply put, we do it right.

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“Over the years, Delta Controls has proven to be a world leader in BACnet development. My participation with the Life Safety and Security working group has allowed me to share Delta’s vision to advance the BACnet standard to include today’s rapidly changing security industry and to make BACnet the global standard for all building automation systems.”

—David Ritter, M. Sc.,
 Senior Software Developer, Delta Controls

The need for BACnet.

Building control manufacturers and building owners and operators live in an ever-changing world. On the one hand, new buildings constantly require more sophisticated controls, from HVAC to lighting and access to security. On the other hand, as systems expand or facilities grow, owners don’t want to be locked into an existing proprietary system or a certain manufacturer’s products. Owners want the freedom to choose from the best solutions available, and have them work with their existing equipment. In a perfect world, owners would prefer all systems to be interoperable and be able to be controlled from a single operator workstation. An impossible task? Not for BACnet.

Introducing BACnet: the Building Automation and Controls Network.

BACnet was created through the American Society of Heating, Refrigeration and Air

Conditioning Engineers (ASHRAE). Developed over many years, it is the collective brainchild of some of the top minds in the industry. The BACnet open protocol allows different systems and products from different BACnet manufacturers to interoperate with each other. BACnet is not dependent on today’s hardware or communication technologies; it is ever evolving and able to incorporate newer technology as it becomes available.

Thus, building owners are not held captive by a proprietary system and are free to choose the best technology available that meets their particular requirements and budgets. Not surprisingly, BACnet is the only building automation communications protocol recognized as an international standard.

Delta Controls: A leader in BACnet’s development.

Delta Controls is proud to count itself as one of BACnet’s early contributing members. Since 1993, we have been instrumental in the protocol’s development and evolution. More than a decade later, Delta Controls remains actively committed to BACnet and continues with its leadership role in the BACnet community.

We’ve assumed key roles in the BACnet Life Safety and Security committee, the

BACnet Testing Laboratory working group, and the Standing Standard Project Committee 135. Perhaps best exemplifying our commitment to BACnet is the involvement of Delta Controls’ co-founder, Raymond Rae, who was a founding member of the BACnet Manufacturers Association and who has served on the Board of Directors since its inception.

Delta Controls: A leader in BACnet installations.

Delta Controls developed the world’s first fully integrated system of BACnet controls for HVAC, lighting and access. This integrated suite of seamless controls products delivers a simplified yet powerful

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“We’re committed to ensuring that the BACnet standard serves the building automation community well. That’s why we’ve been a driving force in the creation of the Testing Laboratory’s Testing and Listing Program.”

—Carl Neilson, M. Sc.,
 Senior Software Developer, Delta Controls,

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 top-to-bottom architecture. So building managers can control equipment from multiple manufacturers across multiple facilities from a single local or remote workstation. Today, our BACnet system is the most robust in the industry.

What’s more, our powerful, intuitive workstation software allows you to easily

customize sophisticated 3-D animated graphics and reports to fit your needs. Our open architecture of intelligent building controllers provides information in real time. We make a significant investment in product testing to ensure performance and reliability. And have been recognized for overall quality with ISO certification (ISO9001:2000). All of which explains why Delta Controls has BACnet installations in nearly 50 countries around the world.

Delta Controls. Do it right.

Since 1980, Delta Controls has taken a single approach to business: Do what it takes to do the job right, all the time, every time. That’s why we offer the most robust BACnet platform available today, and have designed our HVAC, lighting, access and CCTV systems to be fully integrated. We pride ourselves on our easy-to-use graphic interface, customizable software and single-seat workstations. No wonder hospitals and schools, office buildings and airports from around the world have selected us for our innovative and interoperable control solutions. Simply put, we do it right.

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 For information on these and other Delta Controls testimonials, please visit our website: www.deltacontrols.com/testimonials

ONE/TWO PORTLAND SQUARE, Portland,



Maine. Totaling 17 stories and 350,000 square feet, the complex houses Fortune 500 companies and firms in the banking, legal and investment industries. A state-of-the-art BACnet access solution from Delta Controls was selected to update access and security systems.

PIERRE ELLIOTT TRUDEAU AIRPORT, Montreal,



Quebec. Serving more than 10 million passengers a year, the PET Airport launched a major expansion. A Delta Controls BACnet system was chosen to integrate, monitor and control various manufacturers equipment as well as a number of sub-systems.



THEODOR HEUSS, Frankfurt, Germany. For this prestigious office building complex, housing one of Europe’s largest financial institutions, Delta Controls was used exclusively in a high-performance BACnet integration, including HVAC, lighting, automated blinds, fire and smoke evacuation systems.