

With Delta Controls, Integrated Controls Lead to Intelligent Buildings.

With a complete line of automation controllers and software solutions, Delta Controls has earned the reputation of being an innovative technology leader for products that are practical and easy to use. Our extensive and long-term involvement with the BACnet® Committee, BACnet Testing Laboratories and the BACnet Manufacturers Association has led to the implementation of the most comprehensive and robust BACnet platform available today. Our complete line of HVAC, Access and Lighting control products, together with our operator workstations and Web interface software packages, are designed with one goal in mind: to give you an integrated, intelligent building today.

Device Profile	Networking Communications						Firmware Features				
	BACnet/IP	BACnet over Ethernet	BACnet MS/TP Subnetwork	BACnet PTP	I/O Equipment Network	PowerFlex	GOL Programming	Trending	Event/Alarm Mgmt	Scheduling	Field-Verification Application
Operator Workstation (B-OWG)	o	o				o			o	o	o
Building Controller (B-BC)											
DSC16MEEX	o	o	o	o	o	o	o	o	o	o	o
DSC16ME	o	o	o	o	o	o	o	o	o	o	o
DSC1212E	o	o	o	o	o	o	o	o	o	o	o
DSC1280E	o	o	o	o	o	o	o	o	o	o	o
DSM4TR	o	o	o	o	o	o	o	o	o	o	o
DSM1305			o	o	o	o	o	o	o	o	o
DSM70			o	o	o	o	o	o	o	o	o
Advanced Application Controller (B-AAC)											
DAC1180					o	o	o	o	o	o	o
DAC1146					o	o	o	o	o	o	o
DAC1600					o	o	o	o	o	o	o
DAC606					o	o	o	o	o	o	o
DAC633					o	o	o	o	o	o	o
DAC304					o	o	o	o	o	o	o
DAC322					o	o	o	o	o	o	o
DVG304					o	o	o	o	o	o	o
DVG322					o	o	o	o	o	o	o
DFC304RS115					o	o	o	o	o	o	o
DFC304RS230					o	o	o	o	o	o	o
DAC1305					o	o	o	o	o	o	o
DNT1305					o	o	o	o	o	o	o
Application Specific Controller (B-ASC)											
SAC1st I (DNS-14)					o	on MS/TP					Limited
SAC1st II (DNS-24)					o	on MS/TP					Limited
SAC1st III (DNT/DN1033/DNT1223)					o	on MS/TP					o
Lighting Controller (B-ALC)											
DLG1112						o	o	o	o	o	o
DLG112/1204/1206						o	o	o	o	o	o
Access Controllers											
ADM-24E	o	o			o	o	o	o	o	o	o
ADM-2W704					o						Limited

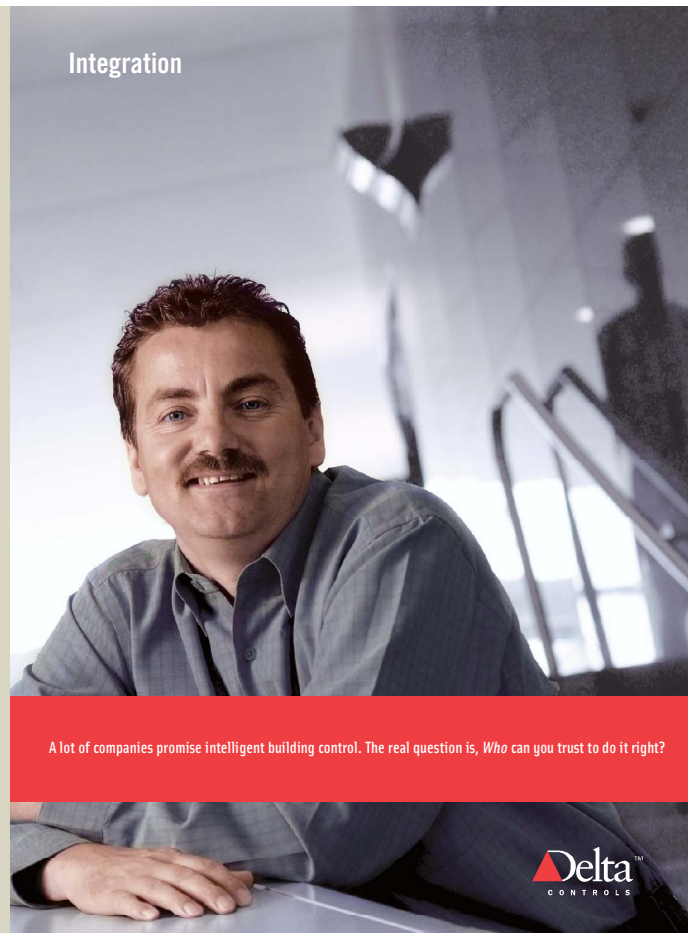
PC Requirements (Recommended)	Computer Processor	Hard Disk Space	Video Capability	Operating Systems
Operator Workstation Software	Pentium / Athlon @ 1 GHz	2GB	1024 x 768 - 16 MB	WIN 98/ME/2000/XP
Web Server (Server PC)	Pentium / Athlon @ 1 GHz	2GB	1024 x 768 - 16 MB	WIN 2000 Server/Pro
Web Browser (Client PC)				Internet Explorer/Netcage

OTC/amb PDA Requirements	Operating System
Pocket PC	Pocket PC 2000
Palm	Palm OS v4.0



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Integration



A lot of companies promise intelligent building control. The real question is, *Who can you trust to do it right?*



Rick Bischler, Operations Manager
250 Howe Street, Vancouver BC

One of the newest jewels on the Vancouver skyline, 250 Howe Street is home to a number of the city's most prestigious consulting, insurance and investment firms. As a new building, it is equipped with the latest technology for intelligent building controls. In fact, all



lighting and mechanical equipment—from chillers to fan coil units—has been integrated into a single system that is Web-accessible from anywhere in the world. It is so user-friendly that if you can move a mouse, you can control the entire building. What's more, Rick Bischler says network speed is "appreciably quicker." Not surprisingly, the system is from Delta Controls.

Delta Controls. Do It Right.

One Bellevue Center, Bellevue, WA



In 1993, the building's control system was upgraded to Delta Controls. With chillers on every floor, One Bellevue Center has a good deal more mechanical rooms than similar-sized buildings. Lighting and energy management were also integrated into the control system. Not surprisingly, the building has since earned the Energy Star Building Award for energy conservation.

Theodor-Heuss-Allee 100, Frankfurt, Germany



For this prestigious office building complex, housing one of Europe's largest financial institutions, Delta Controls was used extensively in a high-performance BACnet integration. HVAC, lighting, automated blinds, fire and smoke evacuation systems were integrated along an Ethernet-based backbone to provide interoperability with other building systems.

Buckley AFB, Aurora, CO



In upgrading a National Guard airfield to a fully operational Air Force base, a Delta Controls system was installed in 14 buildings to replace eight different control systems. The result? Better controls and maintenance in one reliable, easy-to-use graphical system. The next step is to incorporate Access, Lighting and Irrigation.

For information on these and other case studies involving Delta Controls, please visit our Web page at www.deltacontrols.com/testimonials.



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Intelligence Comes Through Integration.

A truly intelligent building requires more than just a superficial integration of building systems. Controllers not only must speak the same language, but they should have the same "heart and soul." They should have common programming and database structure, full functionality and ease of operation.

By incorporating the same core technology and operating software in HVAC, Lighting and Access controllers, you can readily integrate and easily adapt operational scenarios to meet your most demanding requirements, now and into the future.

- A complete line of HVAC, Lighting and Access controls
- Easy-to-use integrated Web- and Windows®-based operator workstations
- Ethernet ports on building controllers for high-speed data exchange
- Powerful integrated reporting capabilities

Delta Controls Offers the Most Innovative Web Solutions.

We use the latest in Web technology, delivering tools that allow building managers to interface with buildings in ways that were only dreamed of. Tenant Portal™ and Virtual Stat™ provide secure access to defined building parameters so that different types of users—from facility managers to tenant administrators to individual building occupants—can monitor and control their environments quickly and easily.

- Full-PDA support for both Palm® and Pocket PC platforms
- Integration with mail servers for e-mailing alarm notifications
- "Save-as-Webpage" drawing tool for instant creation of Web-based graphics

Delta Controls is Your Enterprise Solution.

Exchanging information with enterprise software programs is a critical task. Not to worry. Our enterprise solutions are so intuitive, there is no information that you cannot get from your building automation system. We deliver the tools you need to get the information you want, from real-time pricing to data for consumption analysis.

- Full ODBC-compliant database support for 3rd-party software applications
- Support for SQL statements (read and write functionality)
- Access to Enterprise applications through our systems' open architecture by using built-in Application Program Interface (API) functions
- Ethernet ports on building controllers for high-speed network performance and ease of operation.

The Latest Technology Should Be Easy to Use.

Delta Controls' built-in reporting "Drag-and-Link"™ technology, automatic device discovery, "Save-as-Web page" drawing tool, Tenant Portal, Virtual Stat, DNA (Derived Network Addressing), or any of the myriad of software features in our system demonstrate how Delta Controls makes technology something everyone can use.

Our Products Are Time-Tested at the Factory.

Every circuit board that we produce goes through a battery of tests. After all, the only way we can have 100% confidence in our products is to test 100% of our products.

Quality Certified Manufacturer (ISO9001:2000)

- Field-proven circuit protection on inputs, outputs and power supply
- In-house design, manufacturing and test facilities

Delta Controls Systems Can Integrate Whatever the Future Will Bring.

Most facilities have proprietary systems. Our products are native BACnet, which ensures your new controllers will be interoperable into the future. Plus, we have gateway solutions for your proprietary networks. Once you install BACnet, you are home free.

The industry's most open implementation of BACnet products

- Integration with building systems such as lighting, fire, chillers, boilers and other factory-direct controls packages
- Interoperability with other manufacturers' products

Adding Value is our Commitment to You.

Since our inception, Delta Controls has offered state-of-the-art technology at a competitive price, delivering a value-added solution to your building needs. It was our pledge to you then. It remains our promise to you now.