Do it right.
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About Delta Controls

Global. Approachable.

Delta Controls is one of the leading manufacturers of building automation control, with more than 300 service providers in over 80 countries. For more than three decades, Delta Controls has offered dependable and user-friendly control solutions for buildings in the commercial, healthcare, education, leisure markets, and more.

One of the largest original equipment manufactures in Canada; Delta Controls leads the way in complete building automation solutions.

Meet our Customer Service Team

Delta Controls customer service team is made up of world-class professionals specializing in Inside Sales, Orders, RMA and Shipping. Our team prides themselves on providing exceptional service and making our customers’ life easier and cost effective.
enteliWEB
Facility & Energy Management Software
Manage your facilities from anywhere. Use enteliWEB to centralize your building management operation and collect real-time data about energy use in your facilities. Take action with easy-to-use facility management tools and customizable dashboards for all users. With enteliWEB, the power of your smart building is at your fingertips.

View your building your way and control multiple systems through one interface.

Key Features

Energy Analytics
Make smart energy management decisions through the intuitive user interface including customizable menus and widgets.

Engineering Tools
All the tools you need to administrate your building network, with personalized dashboards for every person.

Centralized Energy Management
Take control of your stand-alone building or multi-site network using a consistent, powerful system. With power integration capabilities, alarms, and audit logs, you’re never in the dark.
Be proud of your building’s efficiency. Use the Earthright Energy Dashboard to communicate your real-time and year-to-year energy conservation results with your occupants. Get people involved with your energy conservation efforts using an interactive dashboard in your building’s lobby or other public areas. Promote conservation, gain LEED points, and make your impact known.

Show off your building’s green initiatives while actively conserving energy.

**Key Features**

- **Single Installation. Multiple Viewing Platforms.**
  - Interactive kiosks
  - Lobby displays
  - Web browsers

- **Custom Setup**
  Show off the green initiatives that are important for your facility. Display conventional utilities such as electricity, water, and gas, or customize the display to show utilities such as steam.
Facility Scheduler

Schedule Spaces & Control Costs

Integrate your smart building systems into a central, easy-to-use platform. Facility Scheduler integrates third-party scheduling, booking systems and tenant portals with enteliWEB. Worried about the process changes that accompany a new system? Facility Scheduler lets you preserve your existing workflow while gaining all the benefits of a fully-integrated Delta Building.

Integrate multiple systems and improve your daily workflow effortlessly.

Key Features

Tie Building Automation to Occupancy
The Facility Scheduler allows you to sync HVAC, access, and lighting to occupancy.

Create Savings in Your Building
Save money by leveraging on-demand control. Give your smart building more intelligence by telling it when spaces aren’t occupied.

Advanced Scheduling
Take advantage of the built-in calendar for more scheduling options
enteliTOUCH

Touchscreen Building Controller

Get instant access to the heart of your BAS. The enteliTOUCH has a 7-inch, high-resolution display that serves as an interface to your building. Use it as your primary interface for smaller facilities or as an on-the-spot access point for larger systems. The intuitive, easy-to-navigate interface gives instant access to manage your BAS.

Control your building with customizable and intuitive graphic navigation.

Key Features

- **Customized Experience**
  The enteliTOUCH provides customizable and intuitive graphic navigation of your system.

- **All the Options You Need**
  The enteliTOUCH comes with a temperature sensor and optional motion sensing.

- **Flexibility Defined**
  Add-ons provide web server capabilities or add additional sensors to the device.
enteliBUS

Modular. Expandable. Flexible.

The enteliBUS Control System is a powerful, fully programmable BACnet controller that features modular, expandable I/O up to over 300 points. enteliBUS has hot-swappable I/O modules for fast and easy installation. With HAO switches, save your equipment from short cycling and make troubleshooting a breeze. Use enteliBUS as a BACnet router or join multiple network segments.

Key Features

- **Hot Swappable**
  Multiple, configurable modules can be changed out while enteliBUS is powered. Reduce downtime for troubleshooting.

- **HAO Switches**
  Outputs use manual Hand-Auto-Off switches. You can change from Auto to On or Off without short-cycling equipment.

- **Connectivity & Security**
  BACnet BBMD and BACnet Secure Connect Routing.

Join multiple network segments while reducing troubleshooting downtime.
DSC
Delta System Controllers

DSCs are perfect for controlling critical equipment such as air-handling units or hydronic systems. DSCs provide programming flexibility and include features such as memory backup and a battery-backed, real-time clock.

Control your critical equipment with the real-time clock and memory backup.

Key Features

**Control Your Network**
The real-time clock and memory backup make the DSC ideal for managing your network or controlling critical equipment.

**A Flexible Array of Sizes**
The DSC comes in an array of sizes. Use it to control small terminal units or to take care of your central plant.
enteliZONE Fan Coil Controller

The enteliZONE Fan Coil Controller uses the speed of pre-built, configurable algorithms to save you time during installation. With universal outputs and your choice of TRIAC or on-board relays, enteliZONE Fan Coil Controllers give you the flexibility to tackle a variety of applications.

Key Features

Configurable and Programmable
enteliZONE controllers are configurable, programmable or a hybrid of the two. Take advantage of the speed of pre-built algorithms while using custom programming to make diverse applications possible.

More Control
enteliZONE VAV controllers use universal outputs to give you more flexibility.

enteliZONE fan coil controllers give you a choice between TRIAC outputs and on-board relays, ensuring you can control any fan coil.

Take advantage of pre-built algorithms to make diverse applications possible.
Delta Application Controllers

DACs are fully programmable, native BACnet controllers that come in a variety of capabilities and I/O configurations to fit the needs of every project. DACs are available in RS-485 or Ethernet or PoE, allowing for economical and fast networks at every level of your system.

Key Features

Ethernet Capable Models
A variety of DACs are available in Ethernet and PoE. This allows you to take Ethernet to the lowest levels of your network, giving you unprecedented speed and response times.

Versatility
Take advantage of proven application controllers that are adaptable to take on a variety of unitary equipment applications such as fan coils, AHUs, or small boilers and chillers.

Take Ethernet to the lowest levels of your network and get unprecedented speed and response times.
DAC PoE

Delta Application Controllers + Power Over Ethernet

The Delta Application Controller PoE is a powerful, fully programmable BACNet controller featuring Power over Ethernet (PoE). PoE provides high-speed communication and power with a single Ethernet cable. Eliminating the need for additional wiring, the DAC PoE reduces the complexity of your system by leveraging your existing IT infrastructure.

Key Features

Simplify Wiring
Eliminate the costs and complexity associated with additional wiring.

Flexibility
Increase the flexibility of your network by simplifying the process of adding new equipment to your system.

Leverage your existing IT infrastructure and eliminate costs with the power of a single Ethernet cable.
Delta Controls VAV Controllers are the smart choice for any VAV project. With integrated choice of Siemens or Belimo actuators and multiple I/O options, DVCs are the fully programmable solution for any VAV configuration. Use DVC PoE models to simplify your network, reduce wiring costs and get more data from your system.

Key Features

**More Options. More Data.**
Using Ethernet or PoE at every level of your network allows you to get more data out of your system. This makes building analytics more powerful and gets you ready for the IoT networks of the future.

**Tackle any VAV**
DVCs come with multiple actuator options and I/O configurations. They’re fully programmable so you can handle any configuration of VAV.

Get ready for the IoT networks of the future while getting more data out of your system.
The Delta VAV Controller PoE provides a powerful and economical solution for VAV applications. With Power over Ethernet (PoE), the DVC PoE provides high-speed communication and simplified wiring with a single Ethernet cable.

**Key Features**

**Fully Integrated**
With direct mount housing, the DVC PoE integrates the controller, damper actuator and airflow sensor into a single, easy to install package.

**Power and Speed**
Improve your analytics by getting fast, reliable data from the lowest level of your network with the DVC PoE.
eZVPE
Dual Ethernet Ports

With dual Ethernet ports, the eZVPE gives you the power to build network segments without the need for running new Ethernet cable for each controller. By linking multiple eZVPE controllers in your system, you will not only save on installation cost but create an easy to troubleshoot, networked solution.

Handle any configuration and maintain power over network segments while saving on cost.

Key Features

**Flexibility**
With multiple actuator options and I/O configurations, the eZVPE can handle any configuration of VAV.

**Dual Ethernet**
Connect a chain of multiple eZVPE controllers using high-speed, dual Ethernet ports.
eZNS
enteliZONE Network Sensor

With fully customizable faceplates and button layout, the eZNS provides you with the flexibility to manage the unique requirements of your building. Notify your users of alerts with configurable colors and customize the interface layout to streamline your occupant experience.

Streamline user experience with configurable colors and customizable interface layouts.

Fast Configuration

Save time with NFC set-up. Configure your eZNS in the box before stepping foot onsite.

Advanced Control Strategies

Pair the eZNS with an application controller to save energy and money by enabling advanced control strategies such as demand control ventilation.
enteliZONE Network Thermostats

The eZNT reaches beyond the expectations of standard, network thermostat while remaining focused on cost-effectiveness. Fully programmable and with customizable button overlays, RGB backlighting, and NFC set-up, the eZNT provides the dependable, onboard control you expect from a Delta Controls thermostat. The eZNT provides options for analog outputs or FET relay outputs.

Use a wide array of applications to suit your specific requirements.

Clear Communication

Communicate the room’s status with the color-changing RGB display. Provide occupants with at-a-glance updates about temperature, humidity or other building events.

Wide Array of Sensing Applications

From basic temperature monitoring to occupancy detection, the eZNT excels at a wide range of sensing applications.

+ Wi-Fi Option

eZNT
eZNTW + Wi-Fi Option

enteliZONE Network Thermostats with EnOcean

The eZNTW combines the flexibility of EnOcean wireless communication and Wi-Fi with the functionality of a fully programmable Delta Controls thermostat. Provide at a glance feedback with the configurable RGB backlit screen and provide a flexible user experience with fast, wireless communication.

Handle any application with fully equipped EnOcean wireless connectivity.

Wireless Connectivity

Don’t let the time and cost of wiring dictate where your thermostat is installed. Take advantage of the freedom offered by the eZNTW’s wireless capability.

Seamless Integration

Eliminate the need for multiple sub-networks by integrating with a wide array of devices using EnOcean wireless connectivity.
CON-ENOC

EnOcean Integration

Don’t let the cost of wires derail your retrofit project. Add up to 32 EnOcean devices to your system with the CON-ENOC Integration Module. With an onboard Delta Controls controller, the CON-ENOC is easy to install, fast to configure and saves you money on retrofit and refurbishment projects.

Creates a dependable gateway for EnOcean wireless devices while saving money and adding functionality.

Key Features

More Options. More Data.
Each CON-ENOC supports up to 32 devices.

Fast Integration
Save device configurations for faster setup or future additions.

Quick Installation
Use screw mounts or the secure adhesive mounting pads to make adding a CON-ENOC to your system quick and easy.
Think. Sense. Speak.

With a top-down view from the center of the room, the O3 Sensor Hub detects motion, sound, light, and temperature with new levels of accuracy. With a complete sensor package, O3 provides your BAS with the data it needs to make economical and occupant-friendly decisions.

The O3 HUB is available as a companion device to our O3 Room Controller and is also available as a standalone device.

Use sensor fusion to detect motion, sound, light, temperature, and occupancy with new levels of accuracy.

Key Features

- Detect occupancy using sound and motion
- Communicate with occupants via RGB light ring and integrated speaker
- Save time with easy-to-install mounting plate
- Measure surface temperatures precisely with IR sensors
- Combine temperature, humidity, light, and motion in a single package
Key Features

Configurable, activity-based profiles for each room based on what you’re doing
Eco-friendly profiles to ensure that you can save energy without sacrificing comfort
Communication with your O3 system through Bluetooth ensures your preferences carry over to each room.
Room Controller

Modular Room Integration

The O3 Room Controller is DIN rail mountable and combines modular I/O with room-level integration.

The O3 is a complete solution that combines HVAC, access and lighting control in a modular system. It combines multiple protocols and I/O points in one unit.

Control HVAC, access and lighting with just one controller.

Key Features

Universal I/O
No more inputs and outputs. Use universal points to control or read from field equipment. Reduce engineering and product costs by being able to use every point on the board.

Modular Room Integration
Connect to DALI, EnOcean and Modbus by adding modules. Control HVAC, access and lighting without having to run separate networks.
The O3 Room Controller uses modular, universal I/O to take control of HVAC, access, dimmable and Correlated Color Temperature lighting at the room level. Connect with DALI, EnOcean, and Modbus to take total control of multiple rooms without running sub-networks. Complete room control, overall efficiency.

**O3 Modules**

**Total Room Integration**

The O3-DIN-SRC is the Single Room Controller (SRC) version of our versatile O3-DIN System.

The O3-DIN-4FxP module adds 4 FET binary outputs and 4 universal points in a single module.

The O3-DIN-8xP I/O expansion module has 8 universal points. (Each universal point acts as an input or output.)

Add a DALI gateway to your O3 system to effortlessly control room lighting.

The SMI module allows you to control motorized blinds, roller shutters and sun protection systems.

The O3-DIN-PWRINJ module provides power for additional O3-DIN modules.

The 03-DIN-PoE module adds Power over Ethernet capabilities to the O3-DIN system.
When the O3 Access module is added to the O3 system, Delta’s building automation system is extended by integrating seamlessly with Delta Controls HVAC and Lighting applications. This gives you total control over your room, from the doors to the blinds and lights, there’s nothing you can’t control. Our access system is capable of handling 50,000 users for large multi-site management and enrollment.

**Key Features**

- Synchronize access users across your building with enteliSYNC
- BACnet Secure Connect enables encrypted and authenticated communications
- Multi-factor authentication, local authorization, and optional anonymized users ensure the protection of your personal data
- Add Power Injector Modules to control up to 24 doors on a single CPU, or save on installation by adding available PoE
- UL 294 / UL 916 certified
- OSDP protocol and Weigand input ready
Integrate with DALI devices and increase flexibility at all levels of your network.

**O³ DALI Module**

**DALI Integration**
Adding to the versatility of our O3 Room Controller, the O3 DALI module allows your system to integrate with the DALI devices in your space. Increase your flexibility and decrease your system’s complexity with full integration at all levels of your networked lighting control system.

Expandable, dimming and Correlated Color Temperature.

**Key Features**

**Seamless Integration**
The O3 DALI module provides seamless integration between your DALI devices and your BACNet system.

**Versatile Lighting System**
With access to DALI, you’re provided with a versatile lighting system integrated directly into your BACnet system.

Delta offers an array of DALI light switches and accessories.
Save energy and provide a complete user experience in your buildings.

DLS
Delta Lighting System

The DLS incorporates our Delta Lighting Controller with a selection of relays factory installed into a protective cabinet. The DLS can contain modules that add functionality such as a keypad lighting interface or light dimming.

Key Features

Flexibility
You can purchase a Delta Lighting Controller alone, or as part of a Delta Lighting System.

Dependability
The DLS cabinet is assembled in our UL certified factory by trained professionals. It reduces setup issues and greatly speeds up installations. Relays are wired directly into the cabinet, making maintenance and troubleshooting a snap.
CopperCube
Built Solid to Secure Your Data

CopperCube is your solution for archiving trend logs in a resilient, industrial computer. With an IT-friendly design and easy-to-navigate user interface, CopperCube manages up to 5,000 individual trend logs so you can get the most out of your BAS without the need for expensive server installations.

Make tasks simple and efficient while keeping your data safe.

Key Features

External Archiving
Schedule data backups to occur externally. Keep your data out of harm’s way.

Multi-site
Archive data from multiple sites over WAN intranet.

Built-in UI
Configure settings directly in the CopperCube. The embedded UI makes tasks efficient and straightforward.
CP Series VFD
Integrated Variable Frequency Drive

The CP2000 series of VFDs are built to rugged industrial standards. They are dependable and efficient in any application. CP2000 drives improve motor performance with Sensorless Vector Control (SVC) and auto-tuning functions.

Key Features

Delta Controls Integrated
The Delta Controls eZVFD Integration Module turns every VFD into a programmable controller on your network. Reduced installation and engineering with unprecedented access to VFD parameters from enteliWEB.

Bypass and Disconnect
A full range of bypass and disconnect packages are available from Delta Controls. Purchase VFD packages alongside your building controls.

Get unprecedented access with our dependable, integrated Variable Frequency Drive.
EV Charger

Compact Electric Vehicle Charger

Electronic vehicle chargers in compact 25kW and 9.6kW sizes. These small and slim models fit perfectly on exterior posts or compact wall mounts. For commercial charging of vehicles, free standing 50kW models are also available.

Get rapid charging in a compact and lightweight design.

Key Features

**DCU - 50kW**
- 12” LCD panel
- RFID reader for user authentication
- Dual plug output

**EVD - 25kW**
- The smallest dual-interface, 25kW DC wallbox on the market
- Low-cost installation for rapid charging

**EVM - 9.6kW**
- Compact and lightweight
- Designed for fast and easy installation
- Models with dynamic current adjustment
Delta’s Power Meter (DPM) Series offers a precise measurement of various electrical energy values, and power quality parameters, including power factor, harmonics, and current / voltage unbalance, with functions such as off-limit alarms and history logs. It provides exceptional communication quality and monitoring functions.
Compact with a DIN rail mount design, the DRC series of power supplies installs easily in controls cabinets and elsewhere that power is required. They offer double isolated input. This means that no Earth connection is needed, thus resulting in low leakage current.

Easily installs wherever power is required, with no Earth connection needed.

Key Features

- **Durable and Easy to Install**
  - Protection Class II, Double Isolation
  - (No Earth connection is required)
- Universal AC input voltage
- Full power up to 55°C
- Power will not de-rate for the entire input voltage range.
- Up to 89.0% efficiency @ 230Vac
- NEC Class 2 / Limited Power Source (LPS) certified
- Overvoltage / Overcurrent / Over Temperature Protections
- Short Circuit Protection
**DVS**

**Industrial Ethernet Switches**

The DVS series switches include 5, 8, and 16-port Din rail mounted smart switches. The DVS series switches are equipped with intelligent alarm function and allow a wide range of operating temperature (-40 to 75). The DVS series switches are designed to support the application in any rugged environment and comply with UL 294 (Access Control), CE and FCC standards.

**Key Features**

- **Industrial Design for the HVAC market**
- 10/100Bas-T(X) (RJ45), 100Base-FX (SC/ST-Type Single/Multimode)
- EEE 802.3/802.3u/802.3x
- Auto-negotiation speed
- Auto MDI/MDI-X
- Industrial Grade Reliability
- Relay output port support power failure, port break alarm
- Redundant dual DC power inputs
21 CFR Part 11

teneliWEB integrates features that include electronic signatures, user and group-based permissions, secure user authentication with LDAP intuitive, detailed user log reporting, and scheduled system backups. All these features come together to provide compliance with 21 CFR Part 11.

teneliWEB’s intuitive workflows make it the ideal building management tool for pharmaceutical manufacturers, biotech companies and medical equipment manufacturers. We make it simple to comply with the regulations that help make critical product manufacture consistent and safe.

UL 864

Delta Controls offers a wide selection of products with UL 864 certification. No two systems are alike and we believe that you should be able to economically engineer any system using the right products. When it comes to fire, smoke and safety no corners can be cut. Because of this, all products with the UL 864 certification are designed from the ground up to meet or exceed the certification standards. Our enteliWEB Operator Work Station (OWS) is also UL 864 certified to ensure that you can maintain safety while conveniently managing the rest of your building without extra training for staff.

Data and Cybersecurity

Delta Controls has always focused our efforts on providing solutions that are innovative, responsive, and easy to implement, and our cybersecurity program is no different. Through industry standards such as OWASP, ISO, and NIST, Delta Controls has the policies, processes and testing in place to ensure we are delivering secure products. Delta Controls is one of the first manufacturers in the industry to implement BACnet Secure Connect to encrypt and authenticate critical data within the system. We are dedicated to ensuring that building networks remain protected through IT integration best practices, constant product appraisal and timely security updates.
Product Bundles
Combine & Save

Delta Controls offers product bundles, making it easy for you to buy commonly purchased parts and save on your orders. To check out all options visit online orders and start saving money today!

Visit the new Online Orders, to start saving on Product Bundles today!

Featured Bundle: O3 Room Experience

The O3 is a complete solution that combines HVAC, access and lighting control in a modular system.

1. O3-DIN-CPU | Fully programmable O3 Room Controller
2. O3-DIN-8xP | O3 I/O Module
3. DRC-24V30W1AZ | Line Voltage DC Power Supply
4. O3-HUB En902 | O3 Sensor Hub
5. ETXR2U-W | EchoFlex Dual paddle resonate switch
6. EnOcean® | 902MHz wireless connectivity
Delta’s Vendor Partnership

Delta Controls is pleased to announce that we’ve expanded our list of field devices available through our ordering system. Make sure to check out the expanded offering of products available on online orders.

Visit the new Online Orders, your source for Delta products and peripherals, redesigned to serve you better.
Network Cameras

VIVOTEK Security Cameras

VIVOTEK’s outstanding network cameras feature a range of megapixel resolutions, camera dimensions, advanced technologies and value-added video analytic functions in order to satisfy the needs of a diverse range of applications.

The VIVOTEK security cameras also offer people counting integrated directly to an O3 Room Controller.

Network Camera Product Range

- 180 degree panoramic
- 360 degree fisheye
- Multi-sensor
- Fixed dome
- Bullet
- Box
- Mobile dome
- Speed dome, and more...
- License Plate Recognition

The ideal solution for your indoor surveillance needs.
Jace 8000
Optimum Performance.

The JACE 8000 is a compact, embedded IoT (Internet of Things) controller and server platform for connecting multiple and diverse devices and sub-systems. With Internet connectivity and Webserving capability, the JACE 8000 controller provides integrated control, supervision, data logging, alarming, scheduling and network management.

Streams data and rich graphical displays to a standard Web browser via Ethernet, wireless LAN, or remotely over the Internet.

Key Features
- Removable micro-SD card with 4GB flash total storage/2GB user storage
- USB type A connector Back-up and restore support
- (2) isolated RS-485 with selectable bias and termination
- (2) 10/100MB Ethernet ports
- 24VAC/DC power supply
- Runs Niagara 4.1 and later
- Real time clock
- Batteryless
Do it right.