



Delta Controls Product Catalog 2018



About Delta Controls

Delta Controls is at the forefront of building automation systems. Through our network of partners in over 80 countries, our solutions span the globe. Our focus on innovation and sustainability has made us industry leaders for over 30 years. Delta Controls offers dependable and user-friendly control solutions for buildings in the commercial, healthcare, hospitality, education and leisure markets.

As part of Delta Electronics, we are committed to leading building automation into a sustainable future.

LINKS

DELTA CONTROLS ONLINE
deltacontrols.com

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Our software provides intuitive interfaces, remote connectivity and informative displays. Our flagship product, enteliWEB, delivers a single-seat software solution for enterprise facility management. With enteliWEB, you can control multiple system types through one interface.

SOFTWARE & TOUCHSCREENS



enteliWEB

FACILITY & ENERGY MANAGEMENT SOFTWARE

enteliWEB is a web-based application that connects all your facilities and centralizes building management operation, site engineering and energy analytics.

View your building your way by creating your own personal dashboards.

KEY FEATURES

Energy Analytics

Get real-time data about energy use within your facility.

Engineering Tools

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

Centralized Energy Management

enteliWEB allows you to manage multiple buildings or facilities from one place.

LINKS

enteliWEB PRODUCT PAGE

deltacontrols.com/products/energy-management/energy-management-software/enteliweb



Earthright

ENERGY DASHBOARD

The Earthright Energy Dashboard clearly communicates energy savings within your facility. It shows real-time, year-to-year results, and educates viewers about how facilities are being made more eco-friendly.

Get people within your building involved with your energy conservation efforts.

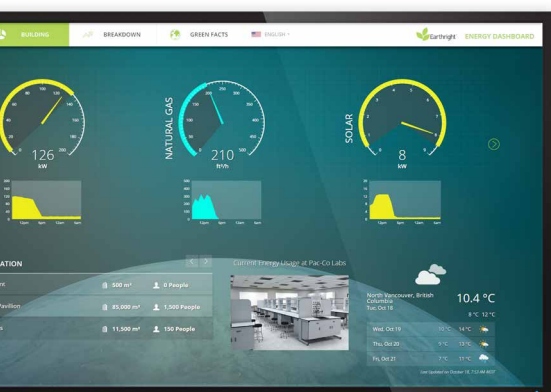
KEY FEATURES

Single Installation, Multiple Viewing Platforms

Interactive kiosks
Lobby displays
Web browsers

Custom Setup

Show off which green initiatives are important in your facility. Display conventional utilities such as electricity, water and gas, or customize the display to show utilities such as steam.



LINKS

EARTHRIGHT ENERGY DASHBOARD DEMO

dashboard.deltacontrols.com/enteliweb/earthright#/campus

EARTHRIGHT ENERGY DASHBOARD PRODUCT PAGE

deltacontrols.com/products/energy-management/energy-awareness/earthright-energy-dashboard

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

On-demand control reduces operating costs when spaces aren't occupied.

Advanced Scheduling

Take advantage of the built-in calendar for more scheduling options.

Facility Scheduler

SCHEDULE SPACES & CONTROL COSTS

Facility scheduler allows you to connect third-party scheduling, booking systems and tenant portals to your building management system. By integrating these systems, you can preserve your existing workflow while gaining all the benefits of a Delta system.



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 turn the enteliTOUCH into a wireless hub for other devices.

enteliTOUCH

TOUCHSCREEN BUILDING CONTROLLER

The enteliTOUCH provides a seven-inch custom interface for your building. Perfect for managing small facilities or providing on-the-spot access for larger facilities, the enteliTOUCH ensures that your staff always have control of your building.



enteliTOUCH PRODUCT PAGE

deltacontrols.com/products/facilities-management/local-user-interface/entelitouch

LINKS

A Global Partnership

THE DELTA CHANNEL IS READY TO HELP, WORLDWIDE

With over 300 integrators in 80 countries, the Delta Partnership is available to help with a project anywhere in the world. Delta Controls selects the best integrators and installers from around the world and partners with them to provide exceptional service. Each company in the Partnership exhibits the Delta Controls ethos of "Do it Right." It's a motto that ensures no task is done without each individual's best effort being put forth.

Delta Controls System Controllers provide the power and capabilities to administrate sites, large and small. Our modular enteliBUS controller scales easily to any application size.

SYSTEM CONTROLLERS



enteliBUS MODULAR CONTROL SYSTEM

The enteliBUS Control System is a powerful, fully programmable BACnet controller that features modular, expandable I/O. In addition to being a flexible system controller, enteliBUS is also a BACnet router, capable of joining multiple network segments.

KEY FEATURES

Hot Swappable

Modules can be changed out while enteliBUS is powered. Reduce downtime for troubleshooting.

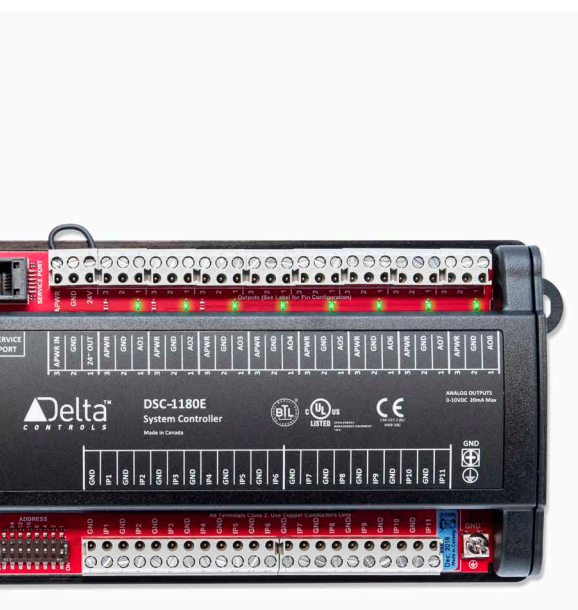
HAO Switches

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

LINKS

enteliBUS PRODUCT PAGE

deltacontrols.com/products/hvac/central-plant-controllers/entelibus



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.

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.

LINKS

DSC PRODUCT PAGE

deltacontrols.com/products/hvac/general-purpose-programmable-io-controllers/delta-system-controllers-dsc

APPLICATION CONTROLLERS

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 the choice between TRIAC outputs and on-board relays, ensuring you can control any fan coil.

enteliZONE

FAN COIL CONTROLLER

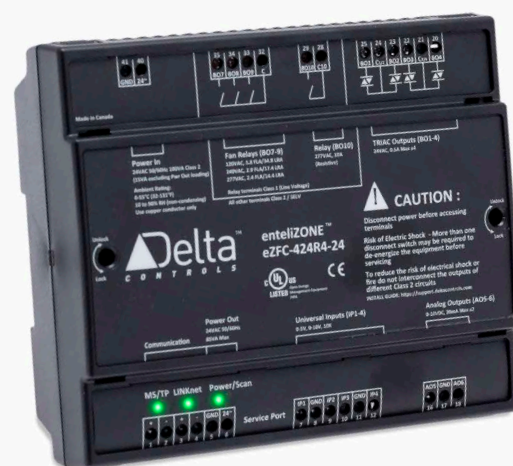
enteliZONE employs diverse configurable algorithms, allowing engineers to save time during configuration. With a flexible I/O count, you can tackle a variety of applications, such as fan coils, VAVs and heat pumps.

enteliZONE PRODUCT PAGE

deltacontrols.com/products/hvac/individual-zone-controllers/configurable

LINKS

From our programmable DAC family to the flexible enteliZONE controllers with configurable options, the application controllers are the workhorses of the Delta family. They come in a variety of sizes to meet any need.



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

DACs are screw or DIN rail mountable. Secure your DAC in seconds.

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, allowing for economical and fast networks at every level of your system.

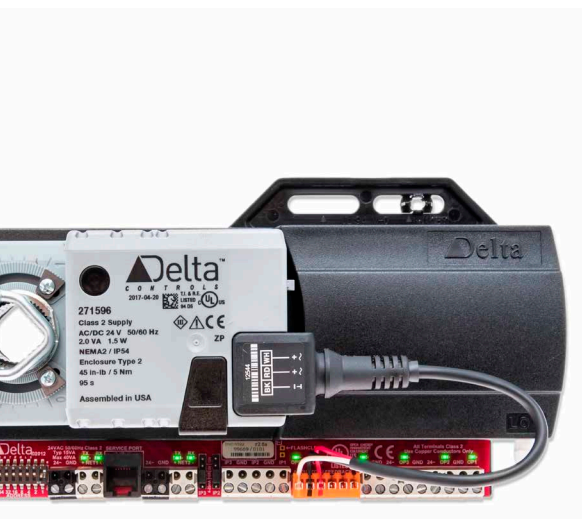
DAC PRODUCT PAGE

deltacontrols.com/products/hvac/general-purpose-programmable-io-controllers/ms-tp-application-controllers-dac

LINKS

DAC





DVC

DELTA VAV CONTROLLERS

Integrated Belimo or Siemens actuators and multiple I/O configurations make tackling VAV projects easy and economical. The DVC line includes Ethernet and PoE options to make your entire network high speed.

LINKS

DVC PRODUCT PAGE

deltacontrols.com/products/hvac/individual-zone-controllers/programmable

DVC ETHERNET PRODUCT PAGE

deltacontrols.com/products/hvac/ethernet-poe/ethernet-vav-controllers-dvc-e

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.

Our sensors and thermostats provide options to help control any room. With CO₂, humidity and accurate temperature, you'll find what you need to keep your space comfortable and efficient. The eZNS color display changes how sensors communicate their data. You can get critical information about your space from across the room.

SENSORS & THERMOSTATS



eZNT

NETWORK THERMOSTATS

The enteliZONE Network Thermostat provides a fully customizable interface to meet your needs. The eZNT is programmable and has onboard I/O control, so it can work alone or as part of a larger system. It offers a wide array of button overlay and color options to suit your specific requirements.

LINKS

eZNT PRODUCT PAGE

deltacontrols.com/products/hvac-controls/network-sensors-io-expansion-modules/eznt-t100

KEY FEATURES

Clear Communication

The eZNT visually communicates status or condition changes through color using its backlit RGB screen. The large, customizable screen clearly displays the information you need.

Wide Array of Sensing Applications

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

KEY FEATURES

Wireless Connectivity

Discover cost and time savings by eliminating the expense of hardwiring in new or retrofit projects using EnOcean connectivity or Wi-Fi.

Seamless Integration

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

eZNTW

WIRELESS THERMOSTATS

Equipped with EnOcean wireless connectivity, the eZNTW is a fully programmable and customizable thermostat with RGB backlighting for at-a-glance user feedback.

Designed for a wide range of sensing applications, the eZNTW provides you with the integration and customization you expect.



[eZNTW PRODUCT PAGE](https://deltacontrols.com/products/hvac-controls/network-sensors-io-expansion-modules/ezntw)

deltacontrols.com/products/hvac-controls/network-sensors-io-expansion-modules/ezntw

LINKS

KEY FEATURES

Communicate in Color

The RGB backlight can be configured to indicate conditions or alarms through screen color.

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.

eZNS

NETWORK SENSORS

With fully customizable faceplates and button layout, the enteliZONE Network Sensor provides you with the flexibility to manage the unique requirements of your system. Notify your users of alerts with configurable colors and customize the interface layout to streamline your user experience.



[eZNS PRODUCT PAGE](https://deltacontrols.com/products/hvac-controls/network-sensors-io-expansion-modules/ezns-t100)

deltacontrols.com/products/hvac-controls/network-sensors-io-expansion-modules/ezns-t100

LINKS

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.

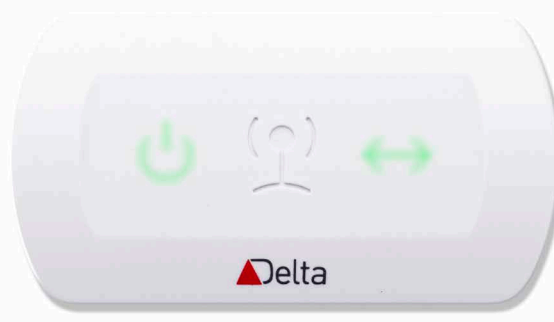
Quick Installation

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

CON-ENOC

ENOCEAN INTEGRATION

The CON-ENOC creates a dependable gateway for EnOcean wireless devices. Use the CON-ENOC to save money on retrofit and refurbishment projects, or integrate it into your building engineering to add functionality to your system.



[CON-ENOC PRODUCT PAGE](https://deltacontrols.com/products/hvac/network-sensors-io-expansion-modules/con-enoc-enocean)

deltacontrols.com/products/hvac/network-sensors-io-expansion-modules/con-enoc-enocean

LINKS

While system integration focuses on communication between multiple networks, room integration focuses on integrating equipment directly on your BACnet system.

At Delta Controls, our focus on seamless integration at every level of your system ensures that you not only save money, but decreases the complexity of your network.

ROOM INTEGRATION

Room Controller

MODULAR 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.

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 KNX, DALI, EnOcean and Modbus by adding modules. Control HVAC, access and lighting without having to run separate networks.



LINKS

O3-DIN PRODUCT PAGE

deltacontrols.com/products/integration/o3-integrated-room-controller



Sensor Hub

THINK. SENSE. SPEAK.

From the center of the room, the O3 Sensor Hub provides an all-in-one sensor solution for HVAC, access and lighting. Use sound, light, and motion to deliver an enhanced occupant experience.

KEY FEATURES

Eliminate Duplication

Remove the need for multiple sensors throughout the room with a single, consolidated sensor hub.

Activity-based Programming

The O3 instantly configures your space based on your activities. Dim the lights, close the blinds and turn on a screen for presentations with a single click in the mobile app.

LINKS

O3 SENSOR HUB PRODUCT PAGE

deltacontrols.com/products/integration/o3-sensor-hub

ETHERNET

KEY FEATURES

Flexibility

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

Dual Ethernet

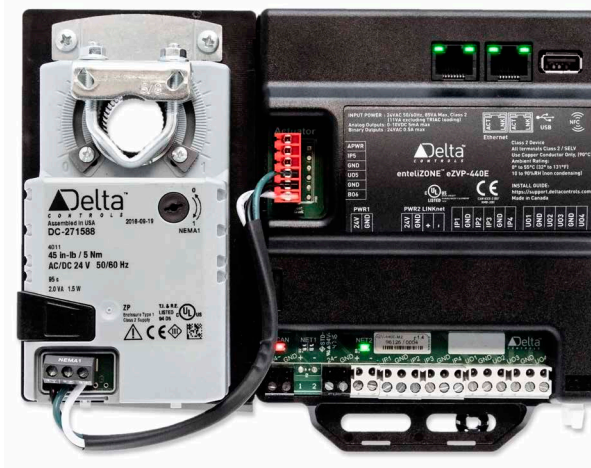
Connect an unlimited chain of eZVPE controllers using its high-speed, dual Ethernet ports.

eZVPE DUAL PORT ETHERNET

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.

Leverage the power of your existing IT infrastructure with Delta's Ethernet enabled controllers.

With reliable, high-speed data transmission, empower your ability to collect analytics. With PoE (Power over Ethernet) capabilities, you can rely on a single cable for power and data transmission.



DAC PoE APPLICATION CONTROLLERS

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.

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.



DAC PRODUCT PAGE

LINKS

deltacontrols.com/products/hvac/general-purpose-programmable-io-controllers/ms-tp-application-controllers-dac



DVC PoE VAV CONTROLLERS

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.

LINKS

DVC PoE PRODUCT PAGE

deltacontrols.com/products/hvac-controls/ethernet-poe/power-over-ethernet-controllers-dxc-poe/v322-poe

Delta provides complete building control. The Delta Controls Access System is powerful and versatile. It can stand alone, or work as part of a larger system. The enteliBUS provides fast response times and the ability to add I/O for elevator control.

ACCESS



enteliBUS ACCESS CONTROL SYSTEM MANAGER

The enteliBUS is an expandable control platform with processing power that makes it a perfect access system manager. You can route door-manager networks directly from the enteliBUS while using I/O modules for elevator control. The enteliBUS does it all for access systems.

KEY FEATURES

Ultra-high User Capacity

enteliBUS supports up to 50,000 card users.

Modular Flexibility

Add elevator button control using I/O directly from enteliBUS. One device does it all.

The Speed

With an ARM9 32-bit processor, enteliBUS brings the power to create blazing network speeds.

LINKS

enteliBUS PRODUCT PAGE

deltacontrols.com/products/hvac/central-plant-controllers/entelibus

KEY FEATURES

Integrated Power

Internally wired and monitored power is available for each door lock, giving you security in a compact package.

Reliability

With power backup and semi-stand-alone capabilities, the ADM can continue to function during adverse conditions.

ADM

ACCESS DOOR MANAGER

The ADM provides the I/O required to control one bi-directional door or two one-way doors. With two Wiegand ports, the ADM can integrate a variety of card readers and biometric devices. Monitored inputs allow you to provide fault detection for your doors.

ADM-2W704 PRODUCT PAGE

deltacontrols.com/products/access-control/large-scale-applications/adm-2w704

LINKS



LIGHTING

The Delta Lighting System provides a seamless way to incorporate lighting into your building control. Reduce your costs on installation and system training by using a unified Delta solution.

O₃ DIN-DALI Module

DALI INTEGRATION

Adding to the versatility of our O3 Room Controller, the O3 DIN-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 network.

KEY FEATURES

Seamless Integration

The O3 DIN-DALI module provides seamless integration between your DALI devices and your BACNet system.

Versatile Lighting System

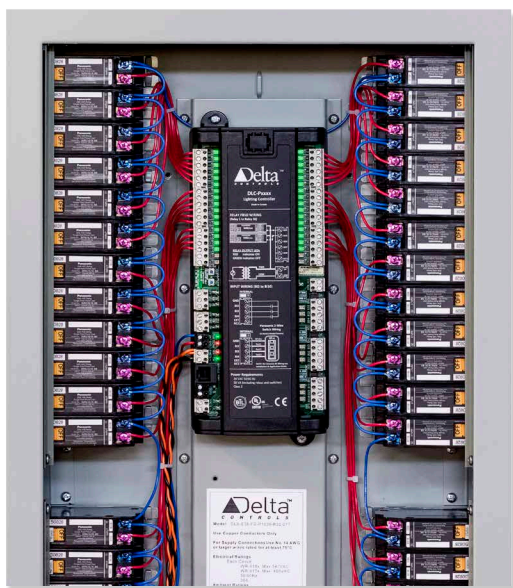
With access to DALI, you're provided with a versatile lighting system integrated directly into your BACnet system.

O3-DIN-DALI Module PRODUCT PAGE

deltacontrols.com/products/integration/o3-integrated-room-controller/o3-din-dali

LINKS





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.

LINKS

DLS PRODUCT PAGE
deltacontrols.com/products/lighting-control

KEY FEATURES

Flexibility

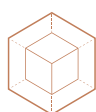
You can purchase a Delta Lighting Controller alone, or as part of a Delta Lighting System.

Dependability

The DLS cabinet is assembled in our 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.

Historical data is the heart of building automation. Use it to make your system more efficient or to troubleshoot issues. Your building data is vital. Help keep it safe and accessible with our dedicated data logging software and hardware. The CopperCube provides reliable archiving capabilities in a compact form. Secure and easy to use, the CopperCube curates your data safely.

ARCHIVING



CopperCube

KEEPING YOUR DATA SAFE

The CopperCube is built solid. The archiving software is housed in an industrial computer. CopperCube uses off-site archiving, automatic backups and IT-friendly design to collect your data and keep it safe.

LINKS

COPPERCUBE PRODUCT PAGE
deltacontrols.com/products/facilities-management/infrastructure/trend-log-archive-device

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.

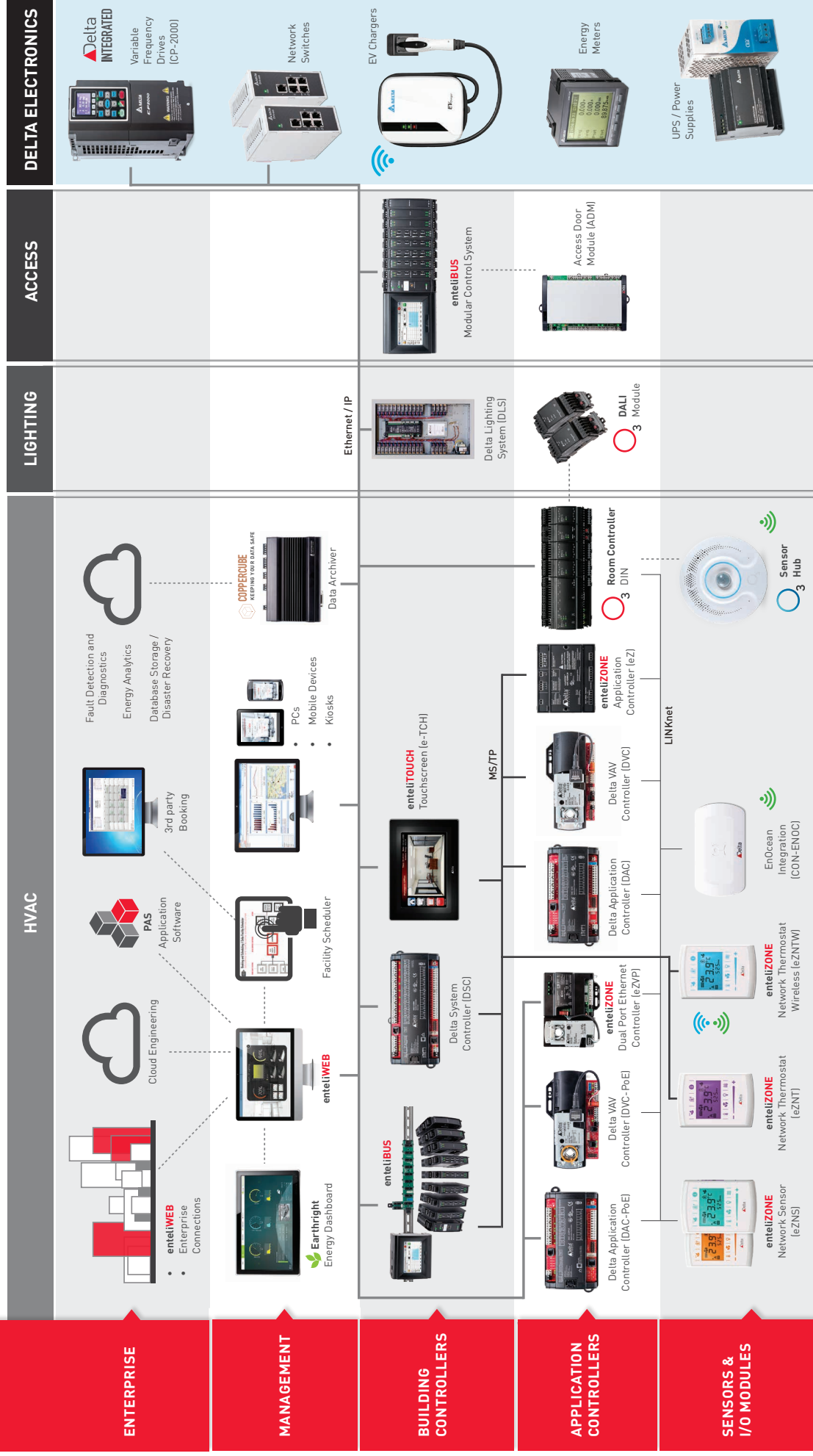
Built-in UI

Configure settings directly in the CopperCube. The embedded UI makes tasks simple and efficient.

SYSTEM ARCHITECTURE



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Do it **right.**



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