

www.deltaba.com.au

COMPANY PROFILE

CANBERRA | SYDNEY | MELBOURNE | BRISBANE | PERTH

We're a proud Delta partner.

Delta Controls develops and manufactures world-leading building automation systems. It works with a trusted partner network of independent companies (like ours) around the world to customise, install and service Delta products.

As part of Delta Electronics Inc.
{a \$7+ Billion USD organization}
the Delta Group of companies are able to bring some of the most energy efficient and sustainable solutions to buildings around the world.

WWW.DELTACONTROLS.COM



PROUD MEMBER OF THE
DELTA GLOBAL NETWORK

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WHO WE ARE

We're a national company that designs, installs and maintains automated control systems.

We work with building owners and developers to optimise the ongoing value of your investment.

We work with building managers and contractors to deliver robust, easy-to-use systems with built-in troubleshooting.

We work with consulting engineers to design high performing future proof systems for state-of-the-art buildings.

Do it right.

WHAT WE DO

We design and install state-of-the-art building automation systems and maintain them at peak performance levels. Whether it's:

- Installation & Commissioning of Delta Controls Building Automation Systems
- Service & Maintenance of Building Automation Systems
- Installation and Commissioning of Mechanical Electrical Systems
- Service & Maintenance of Mechanical Electrical Systems
- Design & Manufacture of Mechanical Services Switchboards
- Air & Water Balancing and Commissioning
- Energy Management and Monitoring Solutions
- Design and installation of Building Services Networks (BSN)
- NABERS Ratings
- Green Lease Compliance
- Energy Optimisation and Analytics
- Energy Dashboards & Displays
- Graphic Design & Customised GUI
- Indoor Air Quality Testing and Thermal Imaging
- Conference Room Booking and Billing Systems
- Research and Development.

We do it right.

The result is a seamlessly integrated, high-performing system that makes your building run better, more energy efficiently and more cost-effectively.

HOW WE WORK

Do it right is how we work. That's every employee, every product and every project.

WITH US YOU GET RESPONSIVENESS

When you need us we're there, we're listening and we're motivated.

WITH US YOU GET INNOVATION

We don't do cookie-cutter installations; we develop a tailored solution around your building, your business and your goals.

WITH US YOU GET CONSISTENT SUPPORT

We don't just install a system and walk away from it; we provide long-term support and maintenance to ensure continuous high performance.

WITH US YOU GET QUALITY

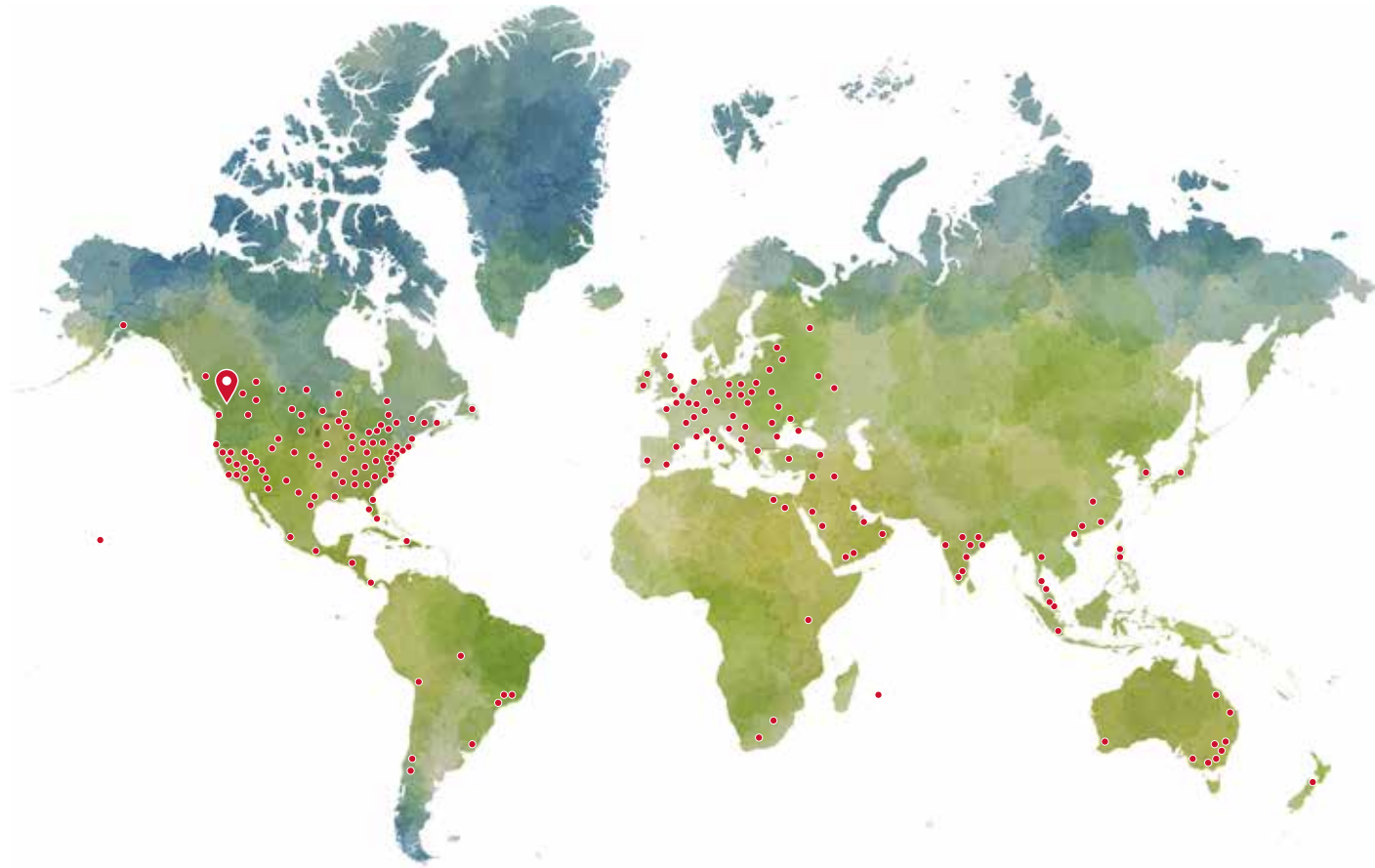
We don't cut corners; we get it right the first time.

WITH US YOU GET COST-EFFECTIVENESS

Our integrated, streamlined approach reduces your project, training and maintenance costs.

WITH US YOU GET FUTURE-PROOFING

Delta Controls systems are robust, scalable and flexible, so they'll grow along with your business.



Delta Controls is one of the largest manufacturers of building automation systems with more than 300 installers in over 80 countries.

For more than 3 decades Delta Controls has offered dependable and user-friendly building control solutions to commercial, healthcare, education, leisure buildings and more.

WHAT WE'VE DONE

We've built a great record — you can judge us by our results





WINNER

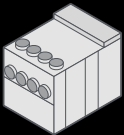
Australian Airports Association
Industry Awards, 2015

CATEGORY

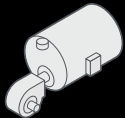
Airport Innovation and Excellence
— Environmental Management

CANBERRA AIRPORT TERMINAL

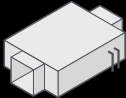
NLA 55,000m²



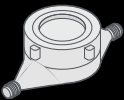
71
AHUs



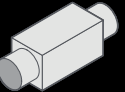
6
boilers



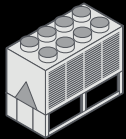
13
FCUs



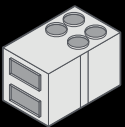
97
water
meters



223
VAVs



7
chillers



10
PACs



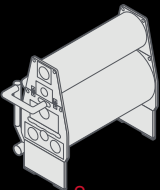
600
electrical
meters



25
gas
meters



36
thermal
meters



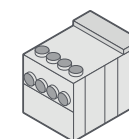
2
absorption
chillers

2x tri-generation plants consisting of 2x absorption chillers,
2x gas-powered gensets, 2x diesel-powered gensets

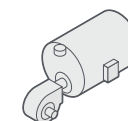


50 MARCUS CLARKE STREET

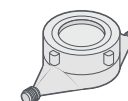
NLA 40,000m²



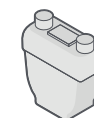
9
AHUs



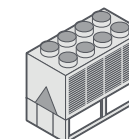
3
boilers



66
water
meters



6
gas
meters



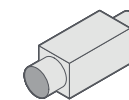
4
chillers



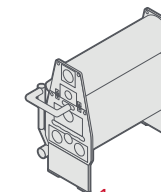
81
thermal
meters



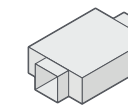
182
electrical
meters



400
VAVs



1
absorption
chiller



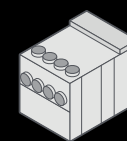
68
FCUs

1x tri-generation plant consisting of
1x absorption chiller and 1x gas-powered genset

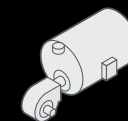


SIRIUS BUILDING

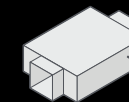
NLA 46,000m²



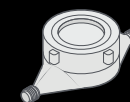
16
AHUs



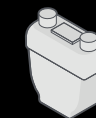
4
boilers



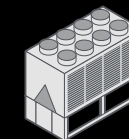
79
FCUs



17
water
meters



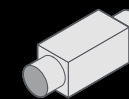
6
gas
meters



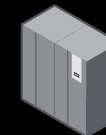
5
chillers



78
electrical
meters



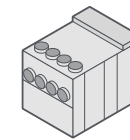
691
VAVs



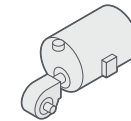
2
CRAC
units

NATIONAL PORTRAIT GALLERY

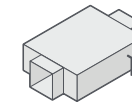
NLA 14,000m²



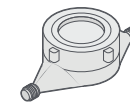
20
AHUs



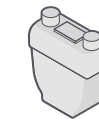
2
boilers



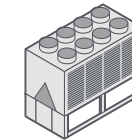
28
FCUs



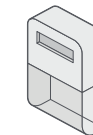
5
water
meters



4
gas
meters



3
chillers



41
electrical
meters

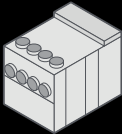


4
CRAC
units

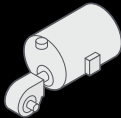


NATIONAL ARCHIVES

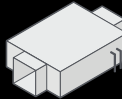
NLA 18,000m²



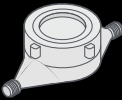
8
AHUs



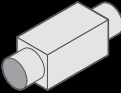
3
boilers



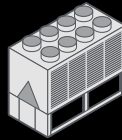
9
FCUs



10
water
meters



32
VAVs



3
chillers



68
electrical
meters



6
gas
meters



6
thermal
meters

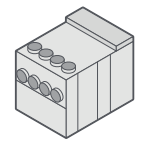


999 HAY STREET, WA

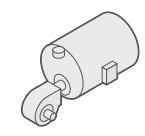
DELTA BUILDING AUTOMATION COMPANY PROFILE

999 HAY STREET

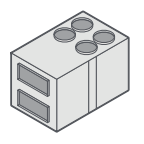
NLA 12,156m²



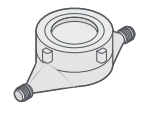
4
AHUs



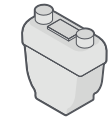
2
boilers



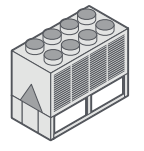
15
PACs



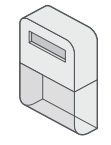
38
water
meters



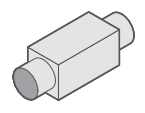
4
gas
meters



2
chillers



103
electrical
meters

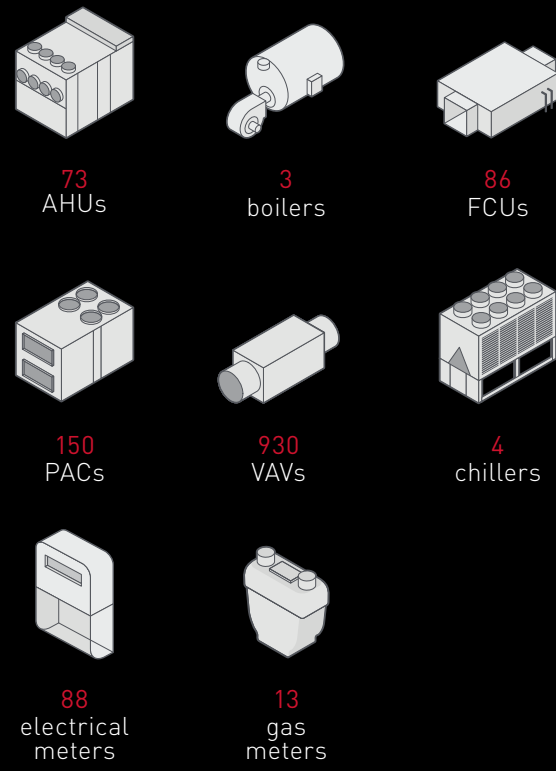


126
VAVs

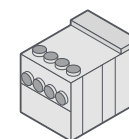


50 LONSDALE

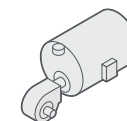
NLA 62,738m²



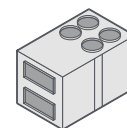
123 ALBERT ST

NLA 39,300m²


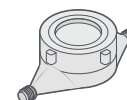
17
AHUs



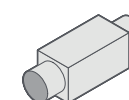
2
boilers



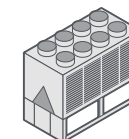
72
AC/PACs/CRACs



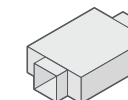
106
water
meters



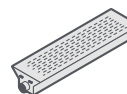
23
VAVs



3
chillers



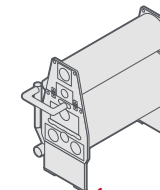
95
FCUs



480
passive chilled
beam zones



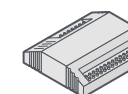
102
electrical
meters



1
absorption
chiller



2
thermal
meters



10
lighting control
systems

1x tri-generation plant consisting of 1x absorption chiller,
1x gas-powered genset and 1x grey water recycling plant

OUR SYSTEMS

They're at the sharp end of technology — so you
don't have to be



enteliTOUCH

eTCH-7E is a seven-inch wide-screen format LCD touch display and uses BACnet over Ethernet or BACnet/IP to communicate with the controllers on a local area network using real-time graphics.



eBMGR

The enteliBUS Manager (eBMGR) module is the automation engine of the enteliBUS Control System. The eBMGR is a fully programmable native BACnet® Building Controller.



eZNS-T100

In addition to a temperature sensor with humidity, CO2 and motion options, the eZNS-T100 offers a choice of backlight colours to provide user feedback and aesthetic appeal.



enteliBUS

The enteliBUS Control System is made up of multiple modular components that you select to meet the exact needs of a wide range of control applications. With I/O Modules supporting all common control types this allows the controller I/O mix to be easily and efficiently tailored to fit any application.

enteliWEB™



BUILDING CONTROLLERS > BACNET / IP



NETWORK
ROUTER



enteliBUS
EXPANDABLE I/O



SYSTEM
CONTROLLER



TOUCHSCREEN
CONTROLLER



COPPERCUBE



LIGHTING
CONTROLLER



enteliBUS
ACCESS CONTROL



FIBRE OPTIC
BACKBONE



APPLICATION CONTROLLERS > BACNET / IP, ETHERNET OR MS / TP



NETWORK
THERMOSTAT



enteliZONE
FAN COIL



enteliZONE
VAV



APPLICATION
CONTROLLER



VAV
CONTROLLER



APPLICATION
CONTROLLER

LINKnet



SENSORS AND I/O MODULES

HVAC

3RD PARTY

ACCESS



FIELD I/O
MODULE



NETWORK
SENSOR



WIRELESS
SENSOR



ENTELIMESH
CONTROLLER



ZIGBEE
WIFI



METERS



CCTV
CAMERA



ELEVATOR
CONTROLLER



DELTA BUILDING
SERVICES NETWORK

DELTA PRODUCTS

We provide a fully integrated range of Delta Controls products using the enteliBUS™ modular control system.

Product benefits

Delta's industry leading BACnet implementation paired with an ARM9 processor and large memory capacity means enteliBUS has the power and features to tackle the most demanding building automation applications.

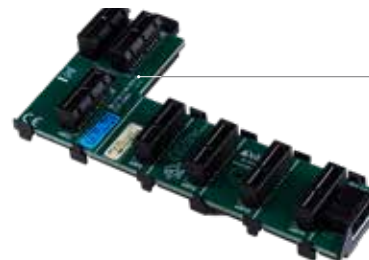
- Brings all your buildings, systems and reports into a single management interface, saving engineering and maintenance time
- Modular design provides a system that is both flexible and cost effective
- Wide selection of I/O module types allows you to tailor the I/O mix to suite your specific application
- Add I/O modules as needed, enteliBUS scales to your facility, now and in the future



- 1 Powerful automation engine with ARM9 processor and SD card memory expansion
- 2 Multiple communication options (up to 3 Ethernet ports, 2x RS-485 ports and 2x USB ports) supporting BACnet Ethernet, BACnet IP, MS/TP, Modbus & LINKnet



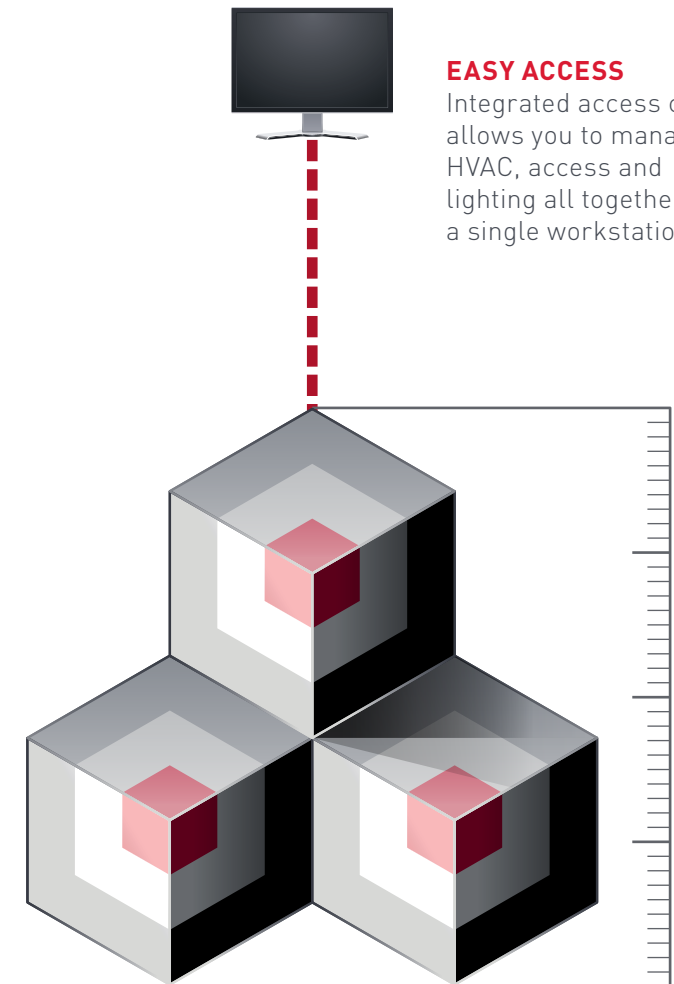
- 3 Unique HAO override switch order provides seamless transfer from auto to hand or off position
- 4 Universal outputs include 0-100% manual adjust lever option
- 5 Diagnostic lights on each module provide system status at a glance



- 6 Hot swap individual modules without shutting down the whole system
- 7 DIN rail design is compact and easy to install

MODULE TYPES
Wide selection of module types enables exact customisation to your needs

SCALABILITY
Easy addition of modules as needed allows for scaling as your operations change in size or function



EASY ACCESS

Integrated access control allows you to manage HVAC, access and lighting all together from a single workstation

MODULAR DESIGN
creates flexibility and cost-effectiveness

RETROFIT
Compact footprint makes retrofitting quick and easy

NETWORK

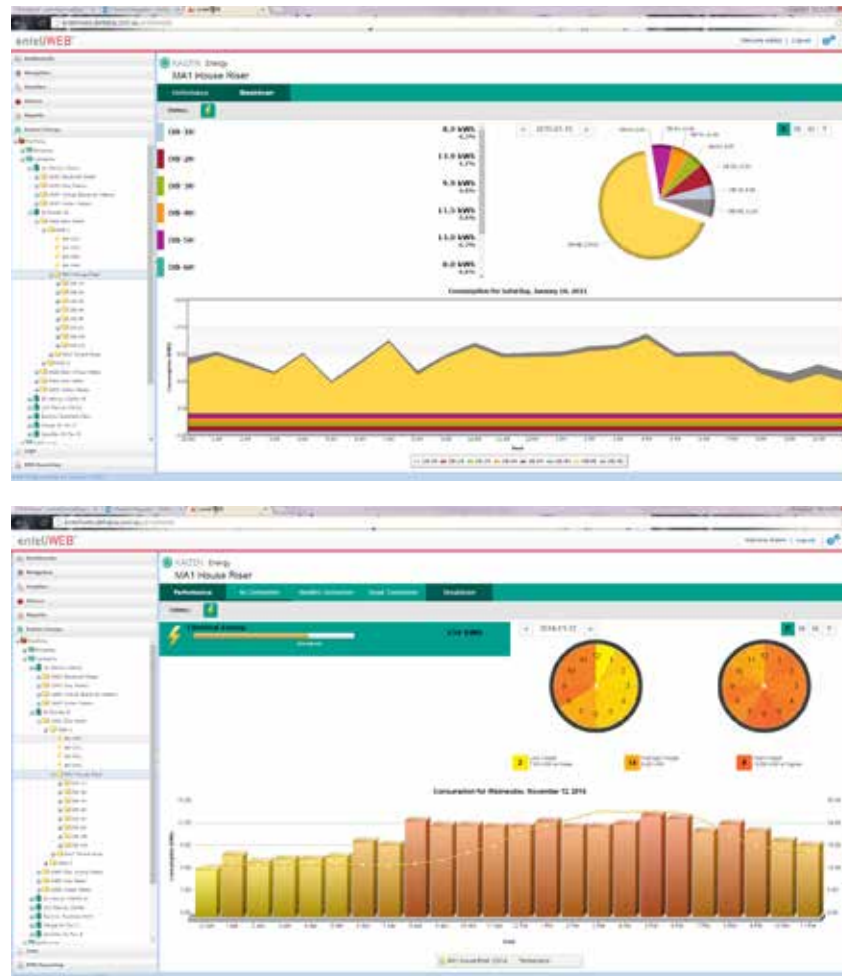
Networking capacity enables you to centrally manage multiple buildings

FACILITY MANAGEMENT SOFTWARE

enteliWEB is a web-based, native BACnet® application that combines the power of enterprise dashboards with easy-to-use facility management tools.

KEY BENEFITS TO YOU

- Brings all your buildings, systems and reports into a single management interface, saving engineering and maintenance time
- Makes sense of the data quickly and easily in an intuitive dashboard view customised to the needs of every user
- Simple visual summaries of information make it easy to quickly identify and troubleshoot issues
- Mobile view for iPad and Android tablets
- Built-in development support so you can add functions and customisation as needed
- Intelligent visualisation tools, reports, analytics and audit logs



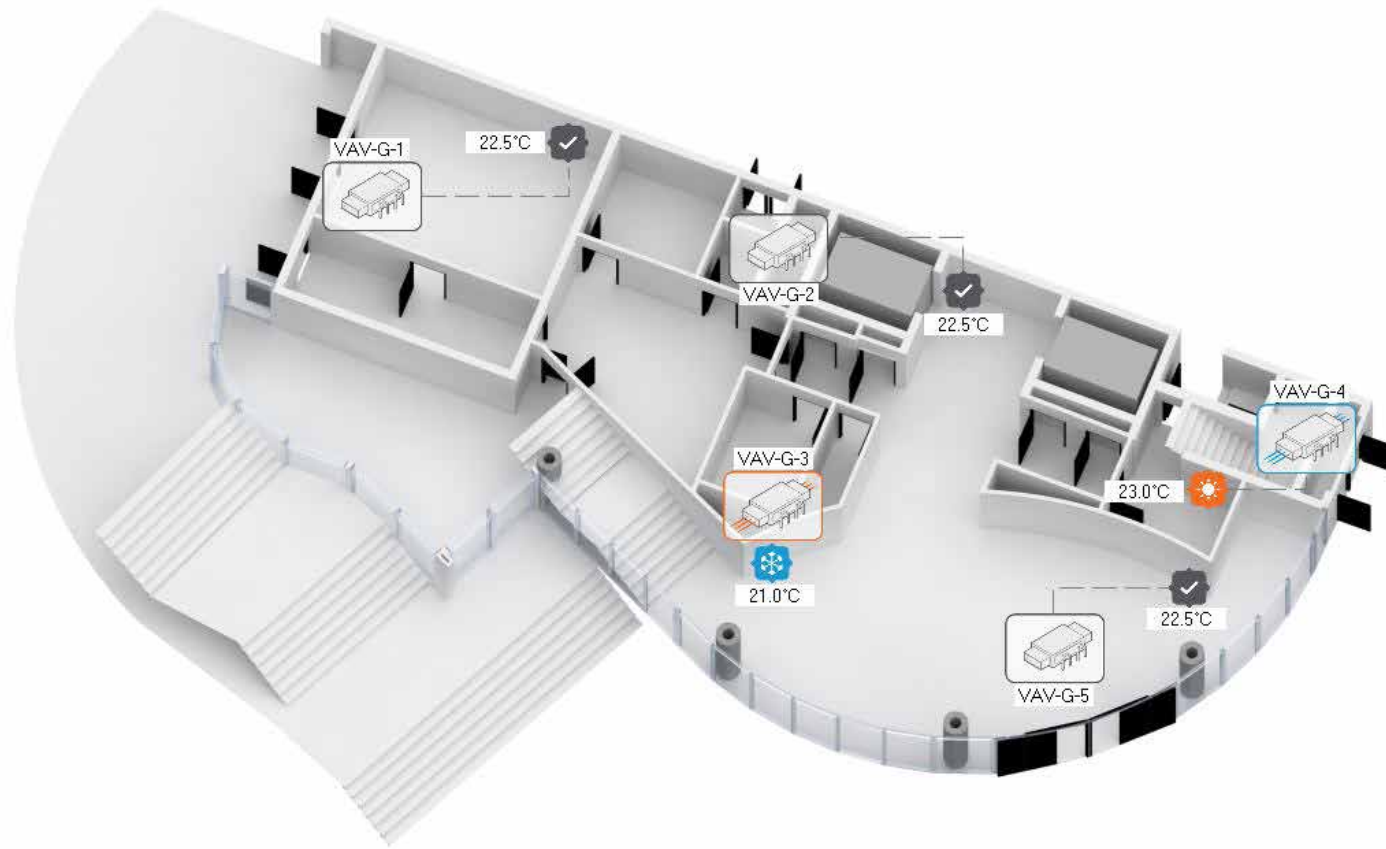
ABOVE: enteliWEB screens demonstrating how live data can be utilised and coupled with tenant energy education.

Department of Human Services, Canberra

LEFT: screen shots of some of the enteliWEB™ energy management pages that make troubleshooting issues simple.

CUSTOMISED GRAPHICS

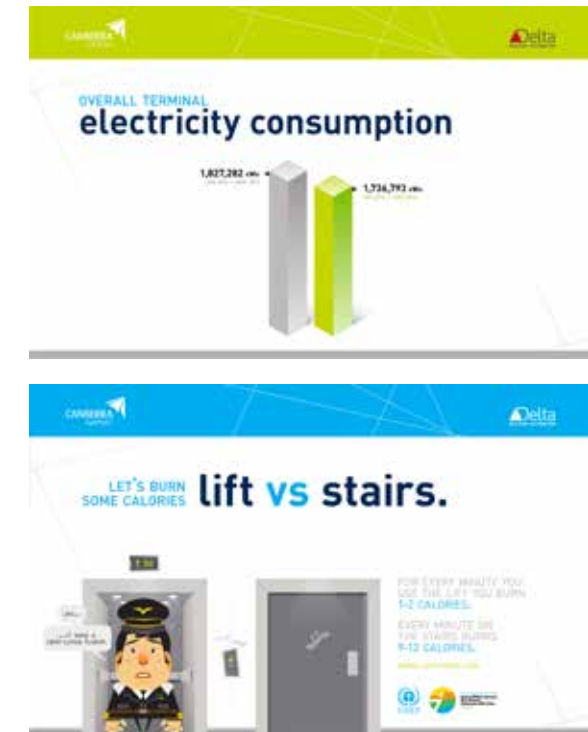
Our in-house user-interface designers custom build every graphic user interface and floor plan.



ABOVE: custom 3D graphics allow users to easily operate, navigate and control their building's environment.

EARTHRIGHT ENERGY DASHBOARDS

The Earthright™ Energy Dashboard communicates energy savings and sustainability projects to building tenants, students, faculty and the community.



WE'RE GREEN BECAUSE WE DO IT RIGHT

From our point of view, environmental responsibility is an inseparable part of doing it right. We provide the energy management software and automated

systems to ensure that your energy usage is as efficient as possible. So you save money and minimise your environmental impact.

OUR LOCATIONS

We welcome enquiries from anywhere in Australia.

CANBERRA

8 Pirie Street
Fyshwick ACT 2609

02 6162 1970

SYDNEY

Suite 3.1, Delhi Road
North Ryde NSW 2113

02 9194 4080

BRISBANE

Unit 4/16, Metroplex Ave
Murarrie QLD 4172

07 3909 8111

MELBOURNE

Unit 1, 19-25 Duerdin St
Notting Hill VIC 3170

03 9558 6256

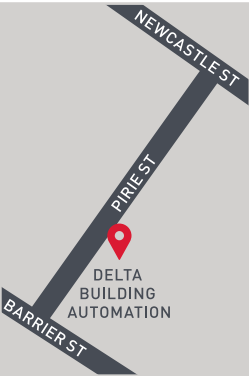
PERTH

Unit 2, 168 Berringarra Ave
Malaga WA 6090

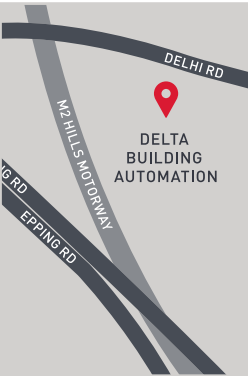
08 9248 6884



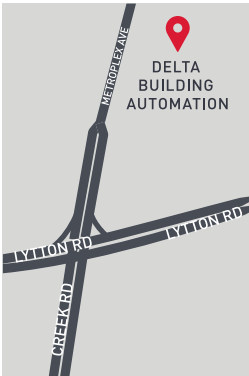
Canberra



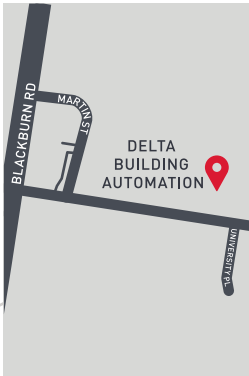
Sydney



Brisbane



Melbourne



Perth



SUSTAINABILITY — IT ISN'T A WORD, IT IS PART OF THE DELTA PHILOSOPHY.

30% of world energy usage comes from buildings, a greater impact than all the worlds cars! As we start to enter an age of 'smart buildings' we will be able to reduce that number. One of the significant benefits of an integrated building automation system is the ability to run buildings more energy efficiently.

Delta is committed to bringing new sustainable developments to your buildings.

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