

company profile





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CANBERRA | SYDNEY | MELBOURNE | BRISBANE | PERTH



www.deltaba.com.au
For more information

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National Portrait Gallery
(see p31 for details)



WHO WE ARE

We're among the best at what we do
— so we'll help you do it right



The logo for Delta Building Automation is mounted on a dark blue building facade. It features a red triangle to the left of the word "Delta" in a white serif font. A thin red horizontal line is positioned below "Delta", and the words "Building Automation" are written in a smaller white sans-serif font below the line.

Delta
Building Automation

8
PIRIE ST

We're an Australian company dedicated to designing, installing and maintaining automated control systems that make buildings better, users happier and businesses more profitable.

Do it right.

WHO WE WORK WITH

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.



contracting
and design



project
installation



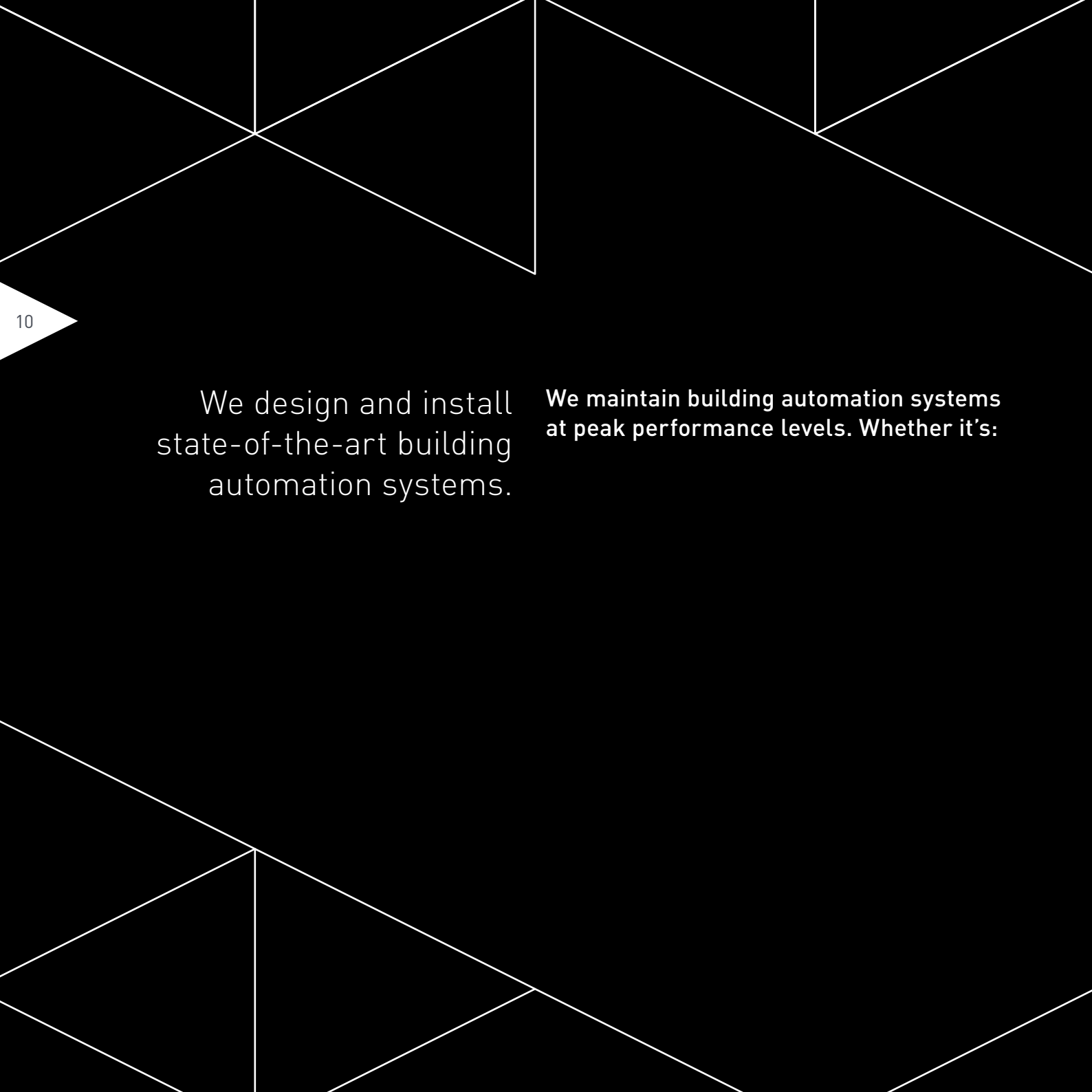
service and
maintenance



WHAT WE DO

We provide solutions that work —
so you can focus on what you do





We design and install
state-of-the-art building
automation systems.

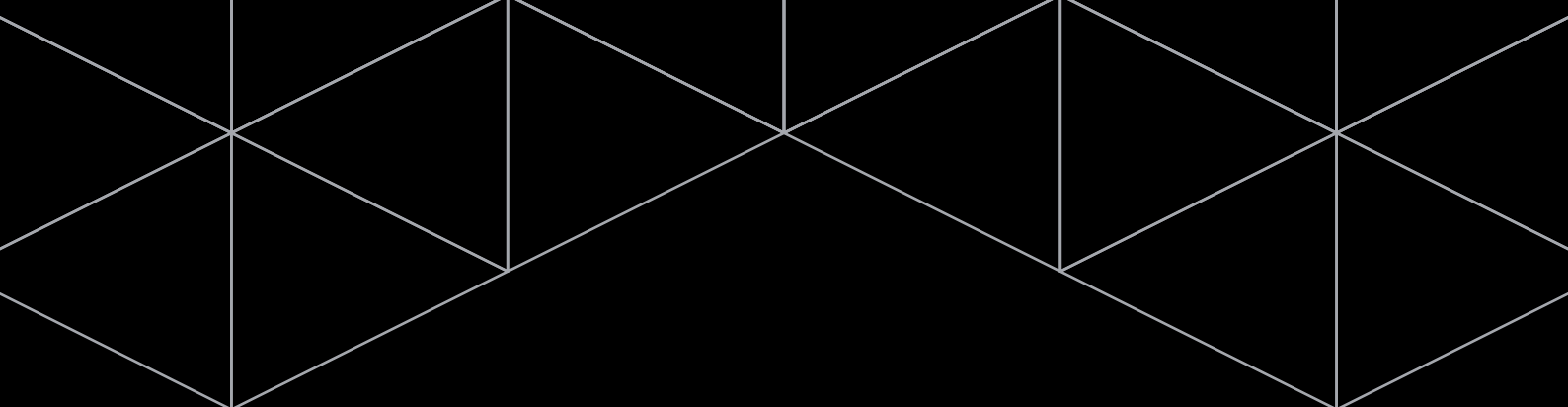
**We maintain building automation systems
at peak performance levels. Whether it's:**

- 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
- Certified — Climation (Bauer) Technology Provider
- 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



We're perfectionists — so you can
leave the worry to us



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.

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.

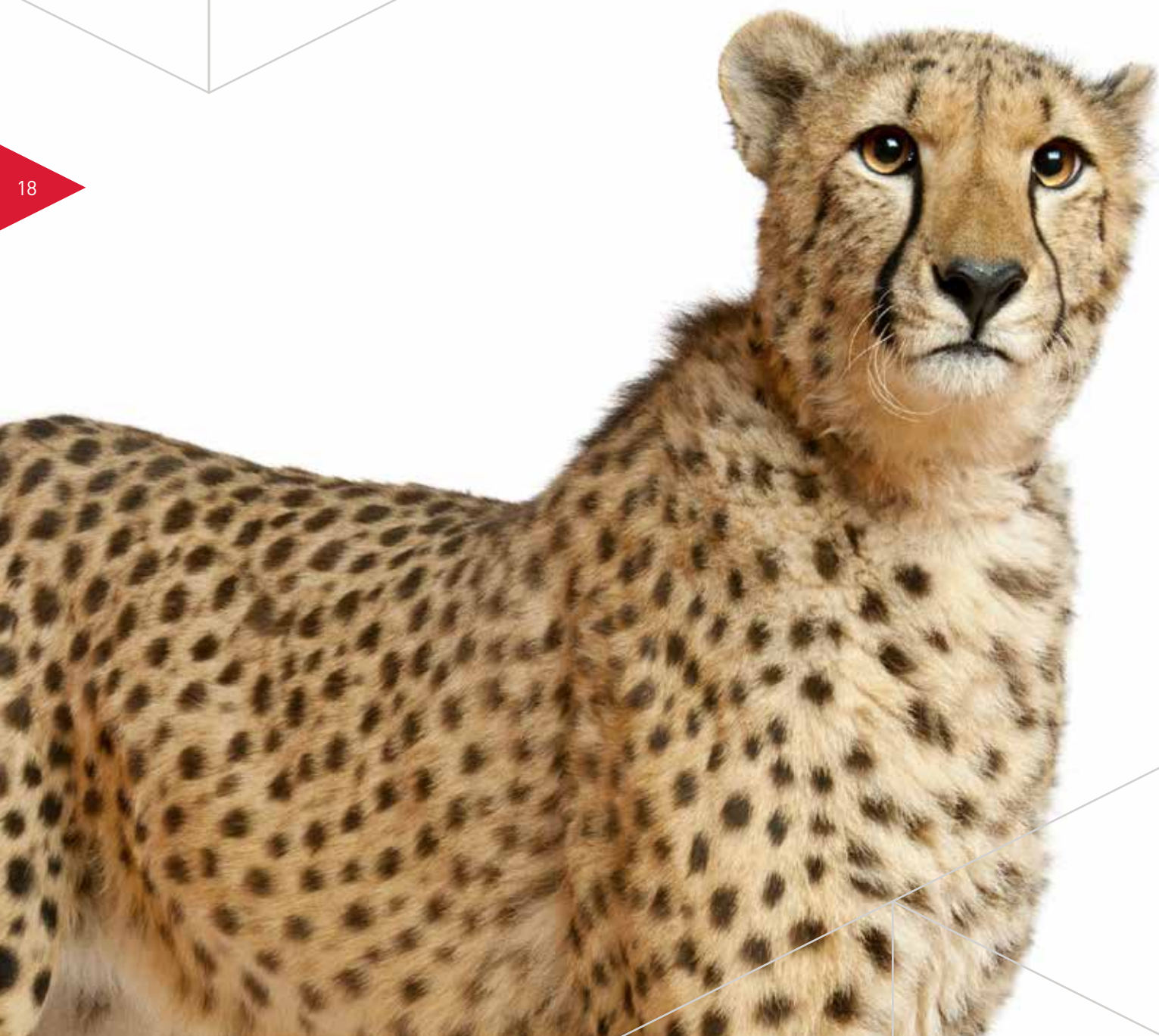
No compromise required.



WHAT MAKES US DIFFERENT

We're responsive — so we're there when you need us
and we're focused on you







UNLIKE OTHER COMPETITORS, WE'RE FAST, FLEXIBLE AND ACCESSIBLE.

We never forget that what we do is about making buildings better for their owners, their managers and the people who use them. That's where our technology and expertise are directed.

Our customers directly benefit from the innovative research and development that goes into making Delta Controls products powerful, simple to use and optimised for long-term performance.

We design solutions and interfaces specifically tailored to the needs of each building, business and individual user. We seamlessly integrate your new and existing systems so that they talk to one another and work for you.

DELTA CONTROLS

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.



WHAT WE'VE DONE

We've built a great record over 15 years — so you can
judge us by our results





CANBERRA AIRPORT TERMINAL



NLA
55,000m²

9 Chillers

6 Boilers



700 electrical meters

88 water meters

28 gas meters

78 thermal meters

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



80 AHUs

120 VAVs

10 FCU/PACs

30 Computer Room A/C
(CRAC) units





50 MARCUS CLARKE STREET, CANBERRA

NABERS Energy



5.5 stars



NABERS
Indoor Air Quality



5 stars

4 Chillers

3 Boilers

182 electrical meters

66 water meters

6 gas meters

81 thermal meters

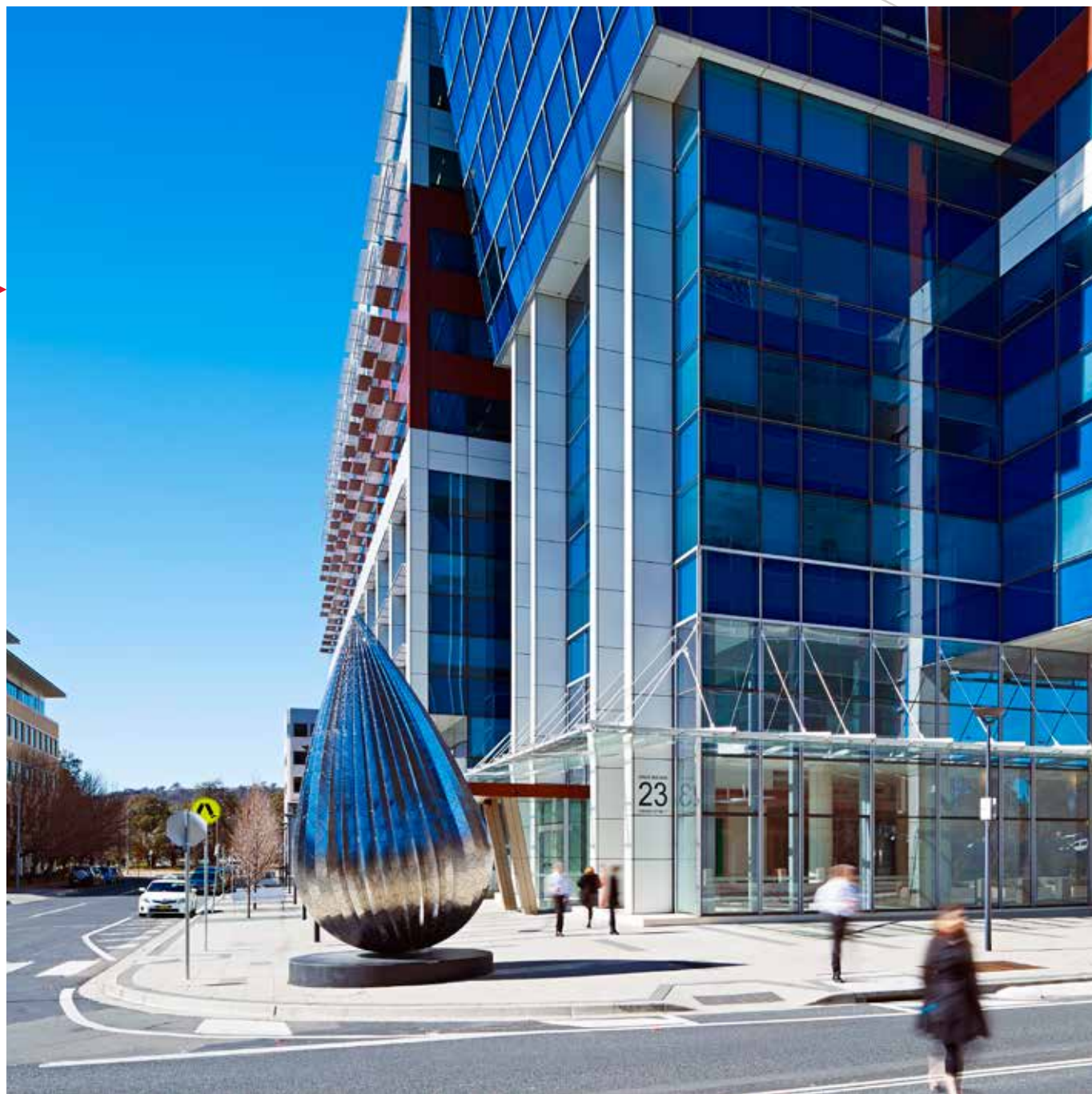
1x tri-generation plant consisting
of 1x absorption chiller and
1x gas-powered genset

9 AHUs

400 VAVs

94 FCU/PACs

NLA
40,000m²



SIRIUS BUILDING, CANBERRA

Department of Health

NABERS Energy



6 stars



5 Chillers
4 Boilers



78 electrical meters
19 water meters
6 gas meters



16 AHUs
691 VAVs
102 FCU/PACs
2 Computer Room A/C
(CRAC) units

NLA
46,000m²





CANBERRA CENTRE SHOPPING PRECINCT



NLA
89,500m²

13 Chillers
11 Boilers



42 Lighting controllers



40 AHUs
426 VAVs
77 FCU/PACs
4 Computer Room A/C
(CRAC) units



NATIONAL PORTRAIT GALLERY, CANBERRA



NLA
14,000m²

- 3 Chillers
- 2 Boilers

- 40 electrical meters
- 5 water meters
- 4 gas meters

- 19 AHUs
- 15 FCU/PACs
- 3 Computer Room A/C (CRAC) units





999 HAY STREET, PERTH



NLA
11,500m²

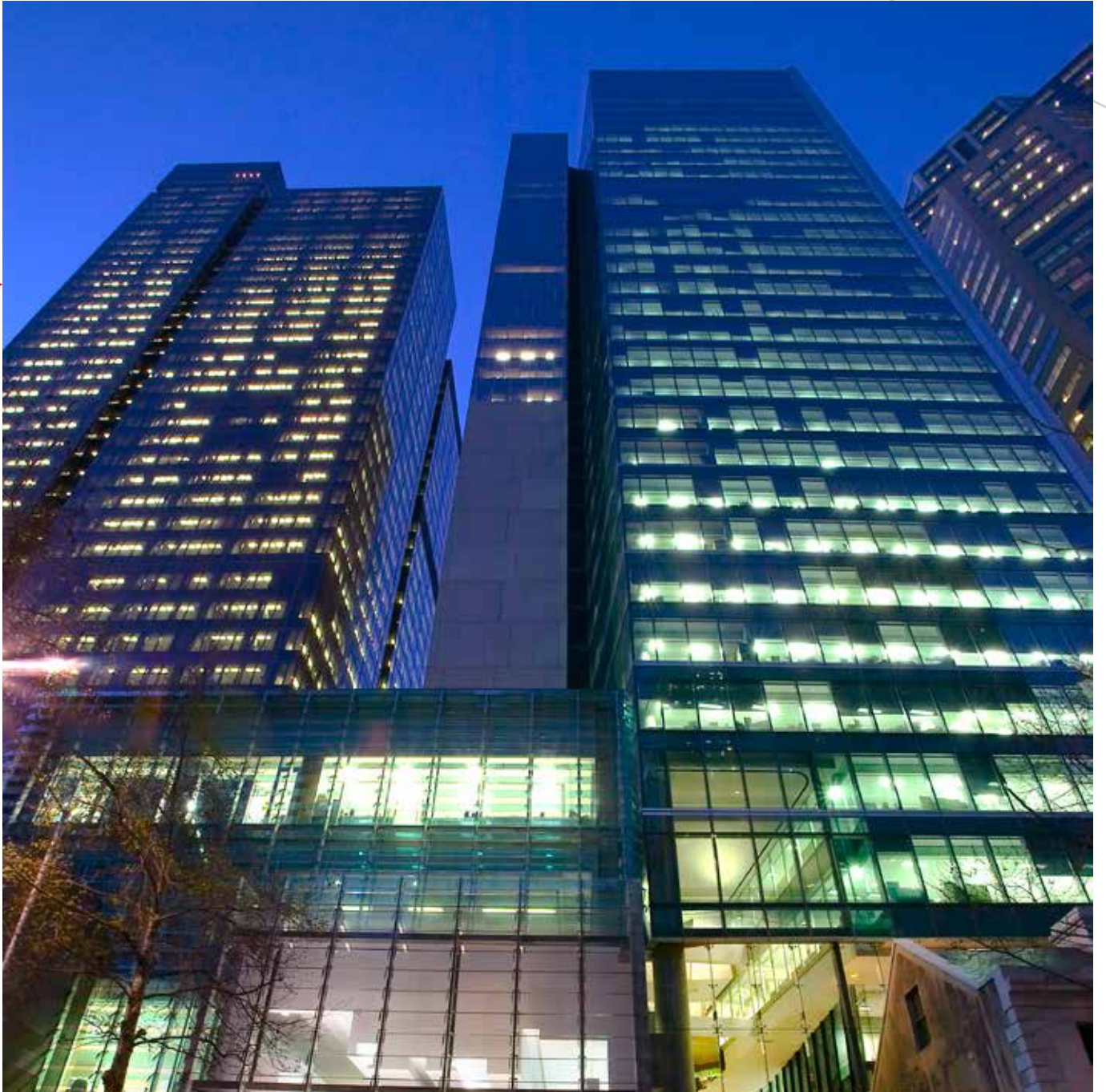
2 Chillers
2 Boilers



103 electrical meters
38 water meters
4 gas meters



4 AHUs
126 VAVs
15 FCU/PACs



50 LONSDALE STREET, MELBOURNE

NABERS Energy



4.5 stars



NABERS
Indoor Air Quality



5 stars

NLA
64,039m²

4 Chillers

3 Boilers

90 electrical meters

10 gas meters

68 AHUs

870 VAVs

170 FCU/PACs





123 ALBERT STREET, BRISBANE

NABERS Energy



5.5 stars



NLA
39,300m²

3 Chillers
1 Absorption Chiller
2 Boilers

112 electrical meters
106 water meters

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

17 AHUs
23 VAVs
95 FCU/PACs
568 Passive Chilled Water Beam Zones



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 control applications. With I/O Modules supporting all common control types this allows the controller I/O mix to be easy and efficiently tailored to fit any application.



OUR SYSTEMS



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



SYSTEM ARCHITECTURE



OPERATOR
WORKSTATION



SERVICE
TECH LAPTOP



TOUCHSCREEN
INTERFACE

BUILDING CONTROLLERS > BACNET / IP



CENTRAL PLANT
CONTROLLER



WIRELESS
COORDINATOR



SYSTEM
CONTROLLER

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



APPLICATION
CONTROLLER



VAV
CONTROLLER



ENELIMESH
CONTROLLER



BACSTAT



APPLICATION
CONTROLLER



VAV
CONTROLLER

SENSORS AND I/O MODULES



BACSTAT



WIRELESS
SENSOR



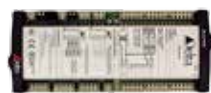
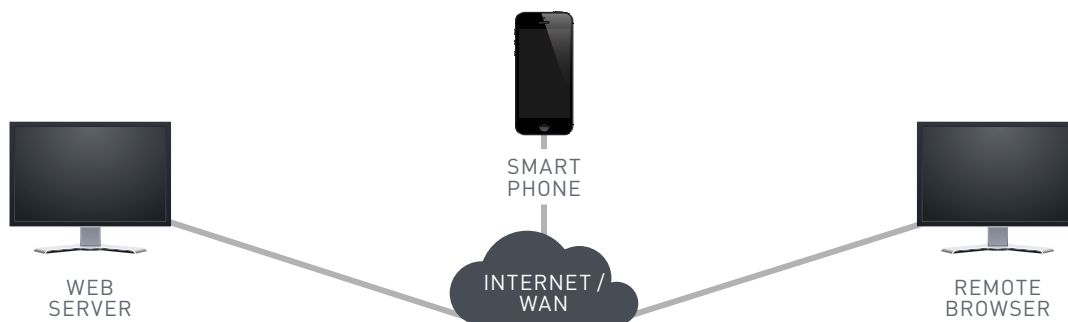
BACSTAT



FIELD I/O
MODULE



BACSTAT



LIGHTING
CONTROLLER



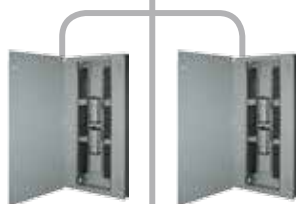
ACCESS
CONTROLLER



DVR / CCTV



GATEWAY



LIGHTING
CONTROLLERS
/PANELS



N/A



NETWORK
SWITCHES



DOOR /
ELEVATOR
CONTROLLER



CCTV
CAMERA



3RD PARTY
PROTOCOLS

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.

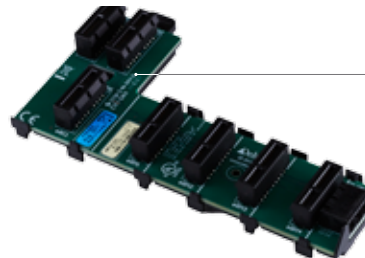
- Brings all your buildings, systems and reports into a single management interface, saving engineering and maintenance time
- Modular design provides a system that is both flexible and cost effective
- Wide selection of I/O module types allows you to tailor the I/O mix to suite your specific application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



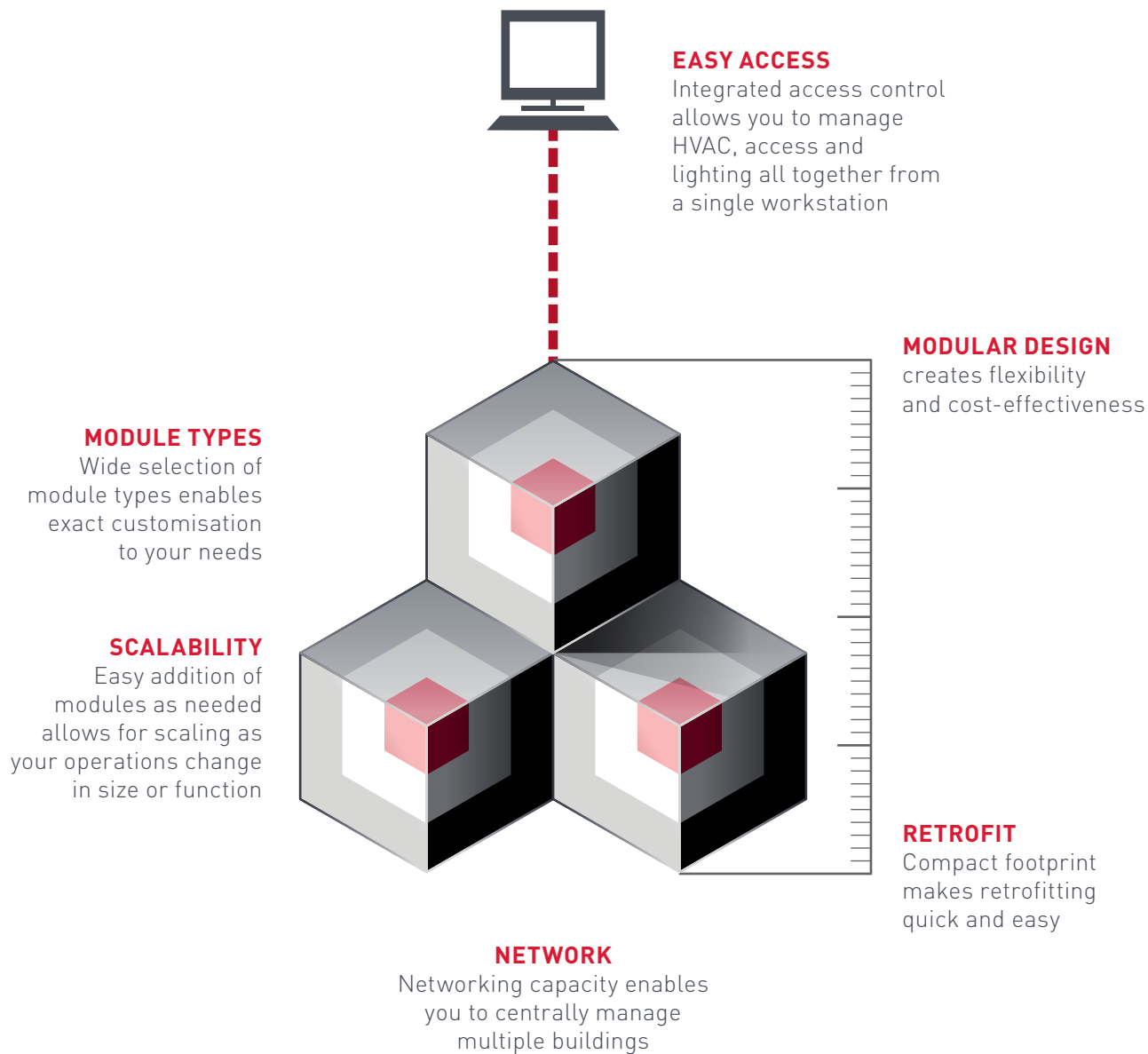
- 1 Powerful automation engine with ARM9 processor and SD card memory expansion
- 2 Multiple communication options (up to 3 Ethernet ports, 2x RS-485 ports and 2x USB ports) supporting BACnet Ethernet, BACnet IP, MS/TP, Modbus & LINKnet



- 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



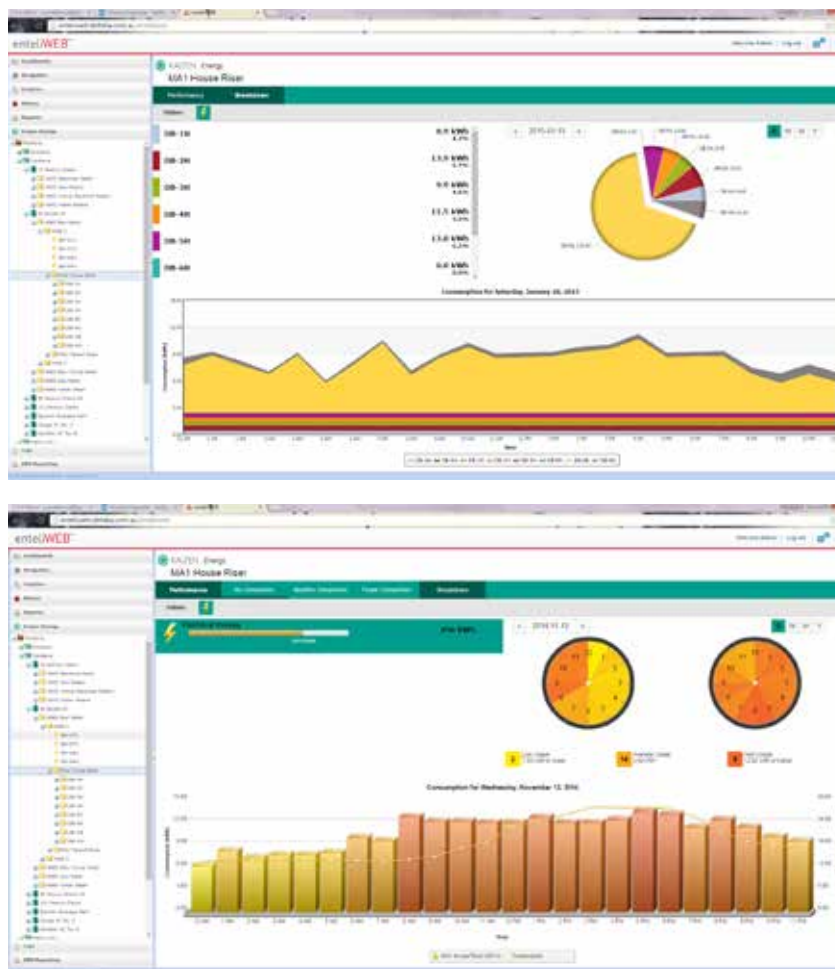
- 6 Hot swap individual modules without shutting down the whole system
- 7 DIN rail design is compact and easy to install



Our enteliWEB™ energy management software gives you a master view of your building operations.

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



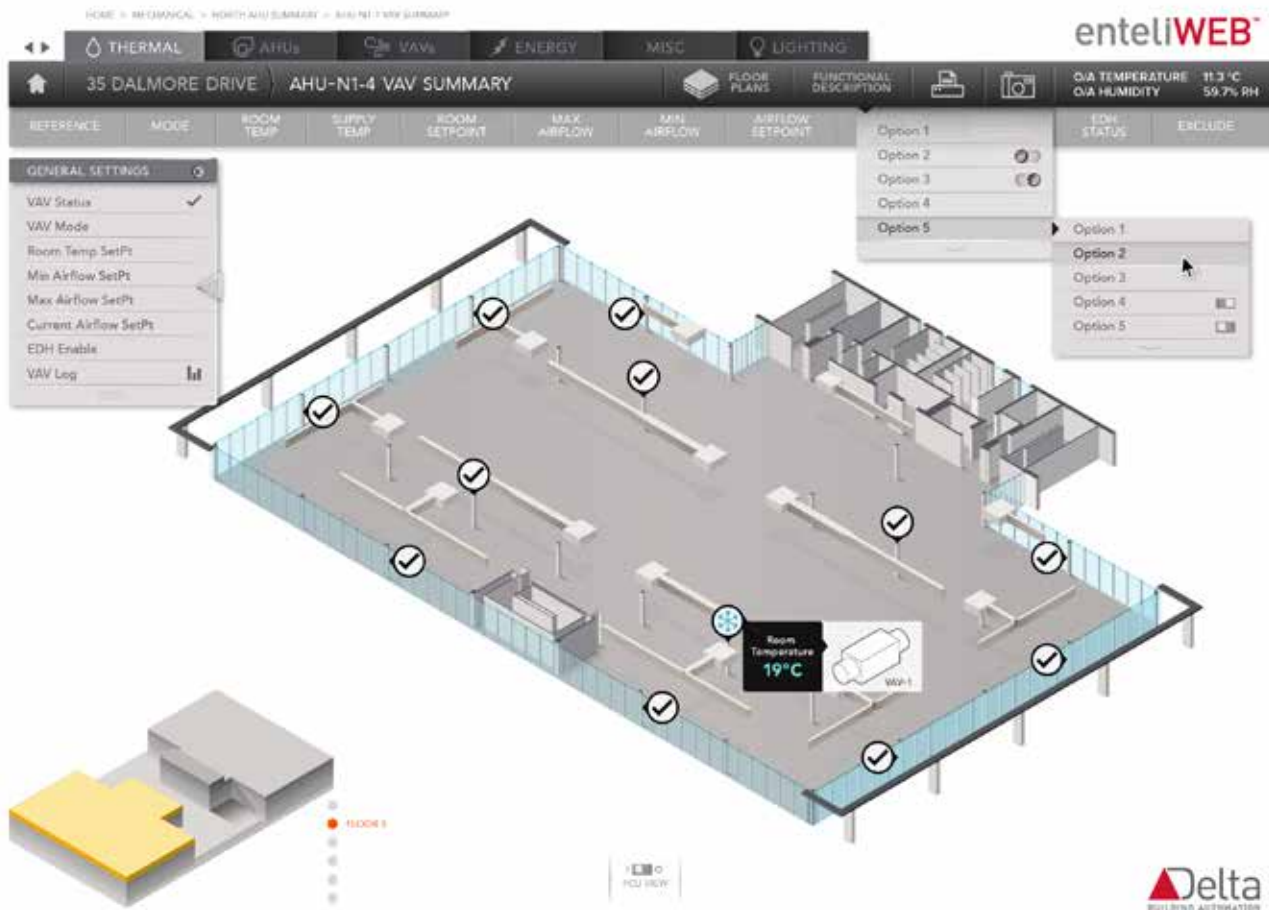
ABOVE: screen shots of some of the enteliWEB™ energy management pages that make troubleshooting issues simple.



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

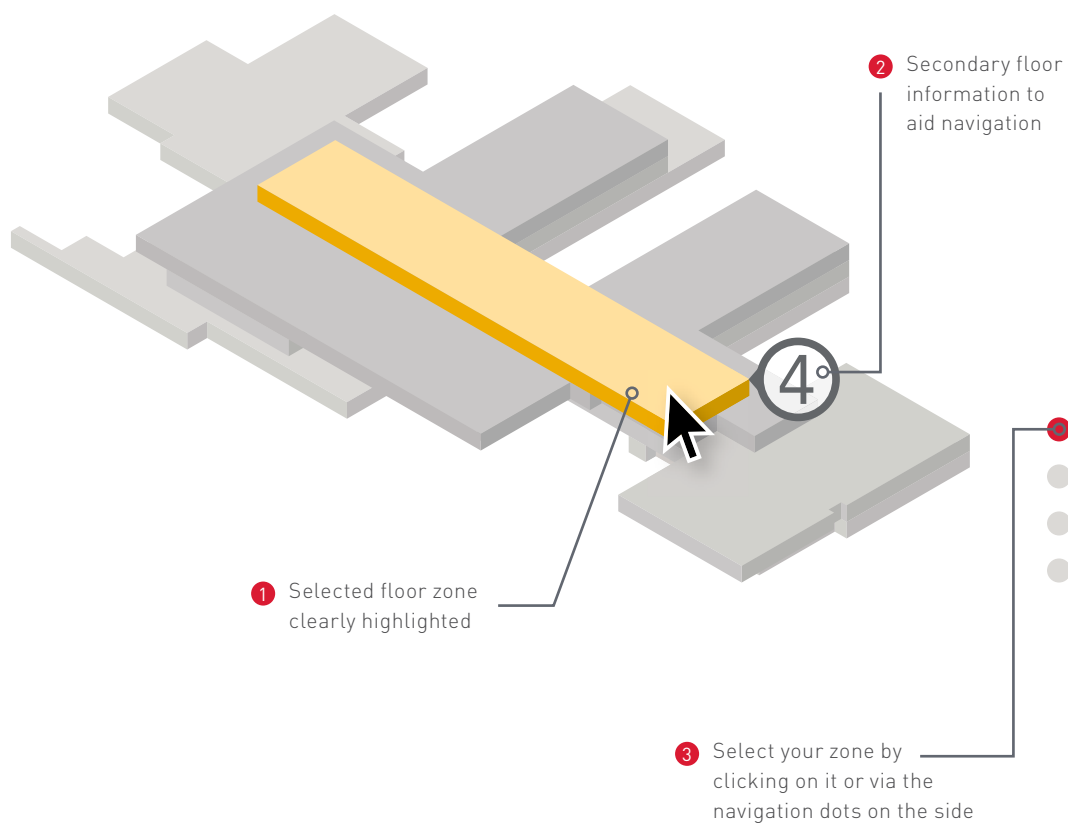
Department of Human Services, Canberra

Our in-house user-interface (UI) designers custom-build every graphical user interface (GUI).



ABOVE AND RIGHT: creative thinking and execution allows users to easily operate, navigate and control their building's environment.

35 Dalmore Drive, Melbourne



ABOVE: a close-up of a custom-built navigation icon.
User experience is considered and tested at every step.

Bega Hospital, Bega



WHERE WE ARE

We operate in every state — so we welcome
enquiries from anywhere in Australia



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 02 6162 1971

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 02 9194 4082

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 07 3399 4800

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MELBOURNE


 Unit 2, 15 Ricketts Rd
Mount Waverley VIC 3149


 03 9558 6256


 03 9544 6186

 www.deltaba.com.au

PERTH

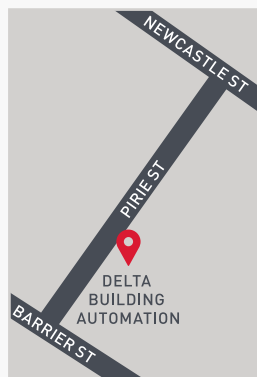
 Unit 2, 168 Berringarra Ave
Malaga WA 6090

 08 9248 6884

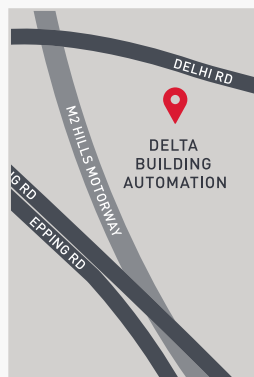
 08 9248 6887

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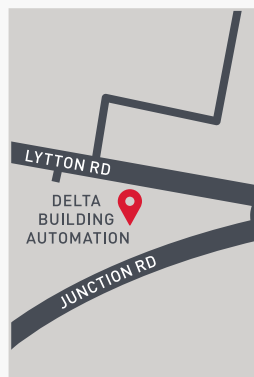
Canberra



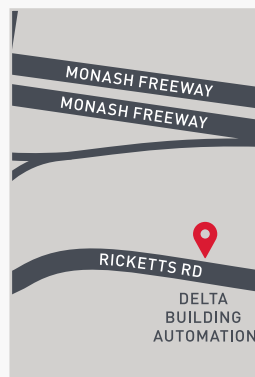
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CONTROLS
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