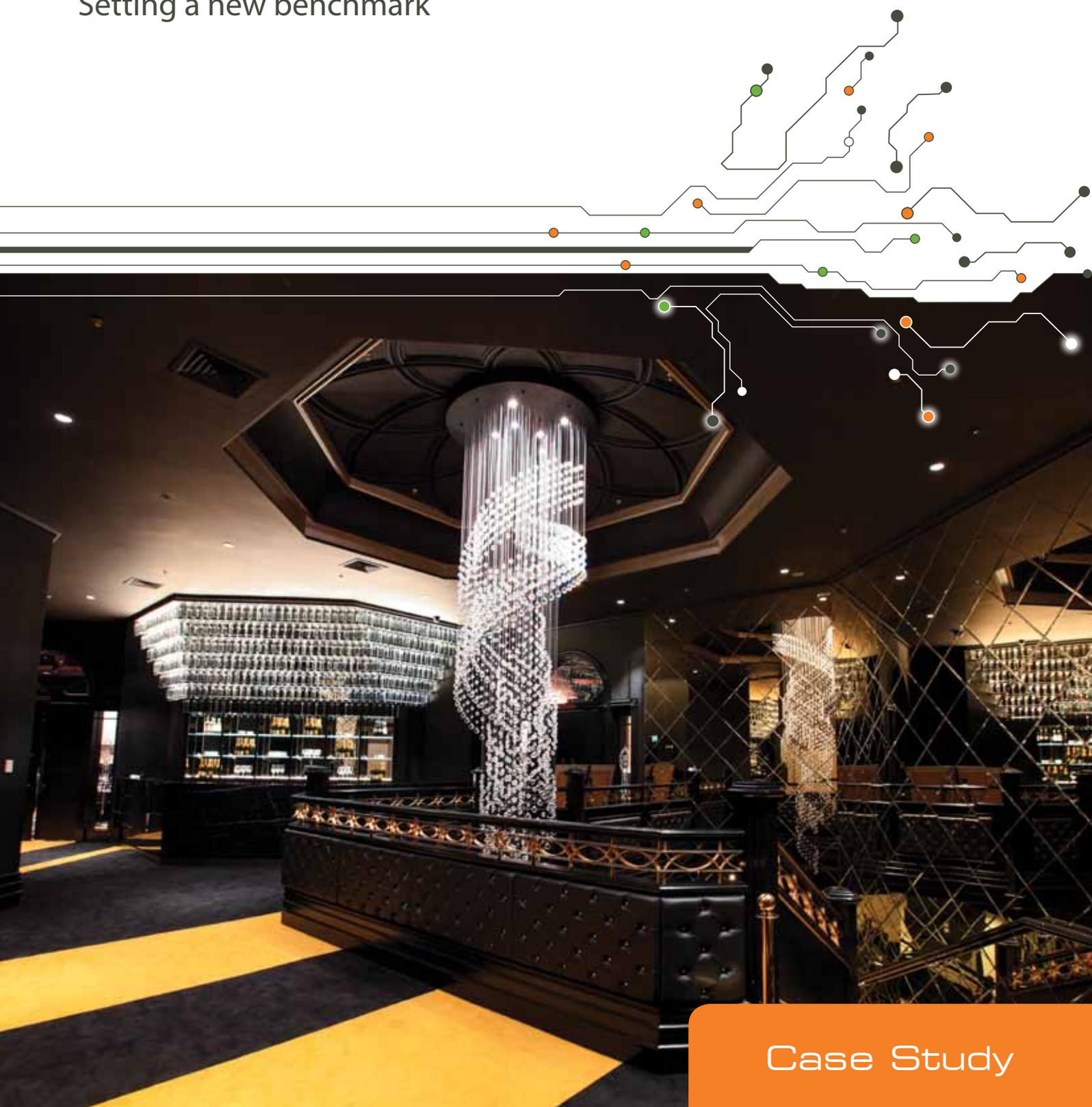


Doltone House, Hyde Park

Setting a new benchmark

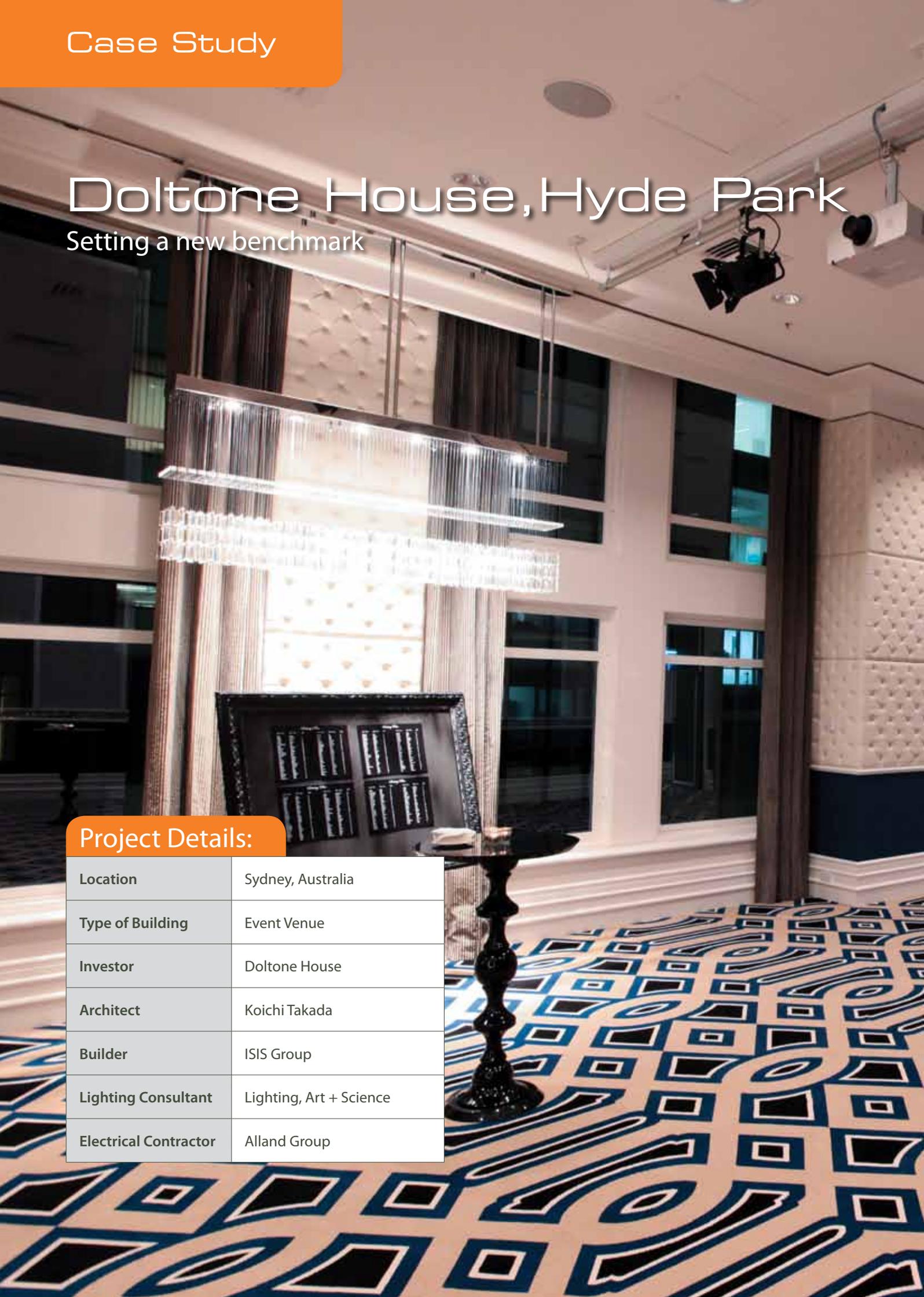


Doltone House, Hyde Park

Setting a new benchmark

Project Details:

Location	Sydney, Australia
Type of Building	Event Venue
Investor	Doltone House
Architect	Koichi Takada
Builder	ISIS Group
Lighting Consultant	Lighting, Art + Science
Electrical Contractor	Alland Group



Doltone House are known in Sydney for some of the most iconic event venues in the city. Doltone House Hyde Park is the latest addition to this collection and blends heritage features of grand arched windows, stunning sandstone fireplaces with stunning modern elements. These include a sweeping double stitched black leather staircase and purpose made crystal chandeliers which represent a modern interpretation of old-world glamour befitting Doltone House's dress circle position overlooking Hyde Park.

Function and event venues demand high performance lighting solutions to seamlessly adapt to the varied uses of the building. Working closely with electrical contractors Alland Group and lighting consultants Lighting, Art + Science, **mySmartCTI** designed and delivered a C-Bus lighting and blind control system that is easy to use and meets the flexibility of the different venue spaces.

mySmartCTI is immensely proud to be associated with Doltone House, Hyde Park and be a part of setting a new benchmark in Sydney's event venues.



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Doltone House Control System

THE LIGHTING CONTROL SYSTEM UTILISES A CLIPSAL C-BUS MICROPROCESSOR BASED CONTROL SYSTEM INCORPORATING RELAY AND DALI MODULES, TOUCH SCREENS, SWITCHES, SENSORS AND INTERFACES TO AUTOMATICALLY CONTROL VARIOUS FORMS OF LIGHTING THROUGHOUT THE PROJECT.

The C-Bus control equipment is installed within custom built DIN-rail enclosures adjacent to the associated distribution boards. To maintain the necessary system redundancy and stability per level the systems uses a backbone network to interlink the different floors.

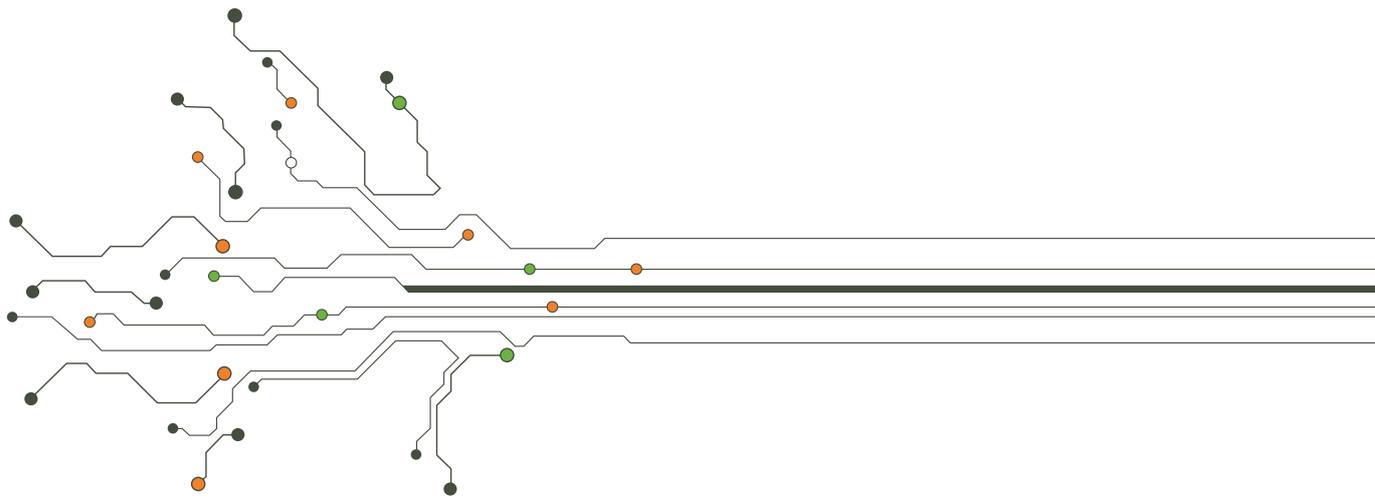


DALI Lighting Control

The lighting control system at Doltone Houses uses a combination of feature lights directly switched through C-Bus relays and DALI controlled house light fittings. The reason for having such a combination of light controls is that the spectacular installation light fittings do not require dimming and as such there is no requirement for them to have DALI compatibility.

The house light fittings benefit from DALI control by being able to be individually addressed and operated through a number of pre-set dimming based scenes. The use of DALI also facilitates ease of reconfiguring the event spaces should the need arise in the future.

Back of house lighting is also controlled via C-Bus however it uses manual switch points for staff to be easily able to access lighting in these spaces whilst still giving central control via the touch screens.



Blind Control

Automated blinds and curtains are now the de-facto standard for premium event venues as their ability to be centrally controlled means that rooms can be seamlessly configured at the touch of a button. C-Bus Blind Relays are used to directly switch blinds and louvres directly from the DLT switches and touch screen.



Touch Panels and Scenes

Numerous DLT switches throughout the event rooms and a central touch screen allow pre-set lighting scenes to be easily called up. The touch screen also allows rooms to be linked together and pre-set scenes to be modified. The main page of the touch screen allows activation of the four pre-set, control of blackout and shade blinds and access to other room/areas.



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About mySmartCTI

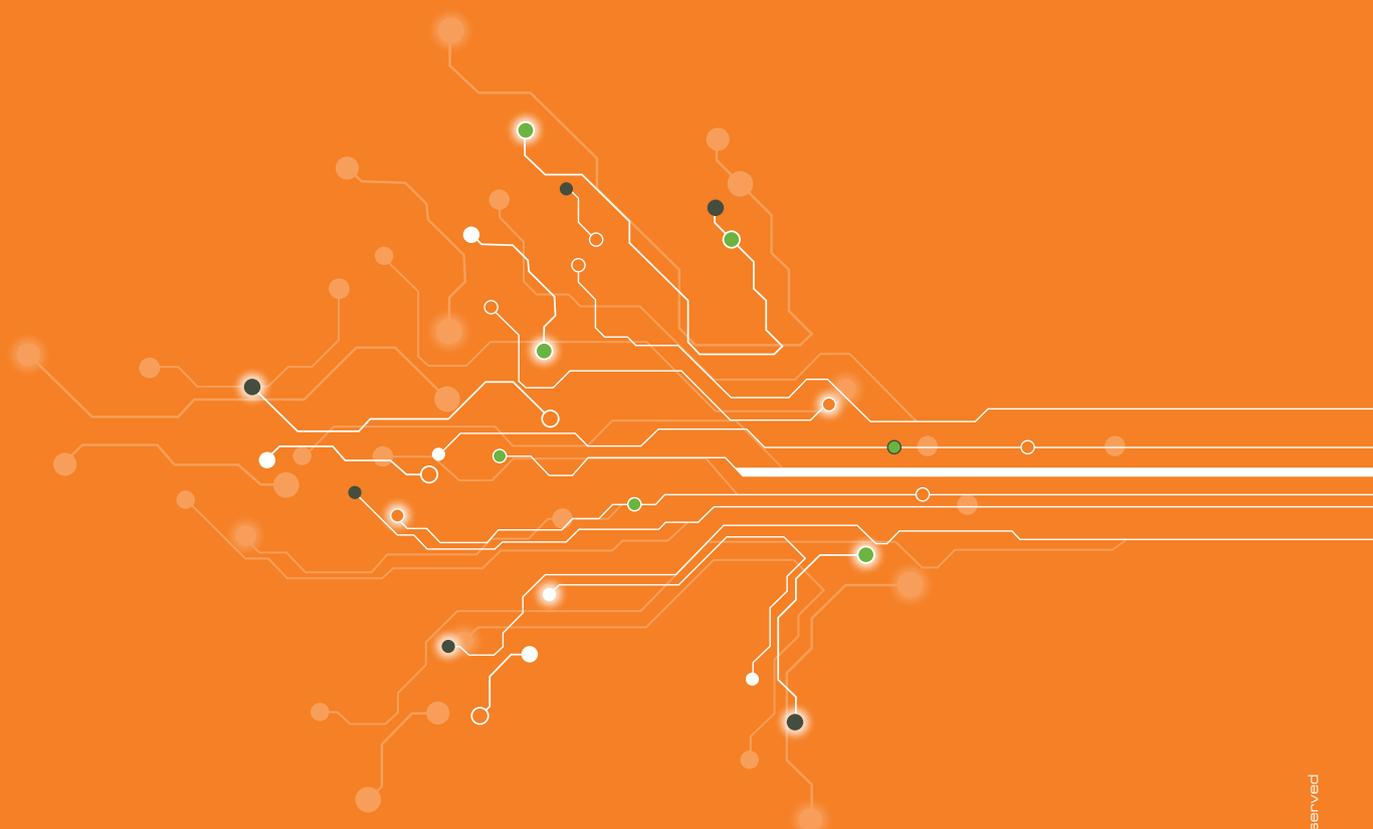
mySmartCTI is an Australian company that prides itself on making a positive difference for its customers, their employees and the environment. **mySmartCTI** helps to create the most energy and resource-efficient environments possible.

Using the latest technologies with highly trained consultants and service technicians, **mySmartCTI** is able to optimize buildings and outdoor built environments so they are more comfortable and use less energy and resources with a resulting reduction in ongoing operational costs.

Established, originally as Complete Technology Integrations (CTI), in Sydney in 2001 before being rebranded in 2011, **mySmartCTI** remains wholly Australian owned. With almost 50 staff it has offices in Sydney, Melbourne, Brisbane, Canberra and Perth. The company operates across a range of markets, including hospitality, education, health services, aged care, retail, residential, defence and Industrial.

mySmartCTI's solutions include:

- › Lighting control solutions which provide daylight harvesting and timed control
- › Basic and high performance metering and reporting solutions for energy, solar, water and gas usage
- › enGauge behavioural change displays for showing energy usage and savings
- › Fully integrated building automation systems providing lighting and façade management control, audio-visual interfacing, HVAC control, reporting and central control.
- › Hotel room control systems for controlling lighting, HVAC and blinds with full integration to the hotel check-in system
- › Stand-alone intelligent motion sensors
- › Unique custom solutions



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