

On behalf of all of the staff at CTI, we welcome you to our quarterly newsletter and hope you find it informative.

## INSIDE this Issue.

- Expanding Offices
- ERCO Association
- New Projects
- Product Reviews

### New Queensland office

As part of our expanding business CTI has recently moved into larger and more modern premises in the Brisbane suburb of Murarrie (just over the Gateway Bridge) These new premises will enable our Queensland branch to better serve the growing markets in the Sunshine State.



As part of this expansion we are pleased to welcome Troy Hewson, Mark McDermott, Roeland van den Burg, Ben Williams and Drew MacIntosh to our sales and integration team.

The new Brisbane office details are:  
Unit 4, 9 Archimedes Place, Murarrie 4172  
Ph: (07) 3399 7888 Fax:(07) 3399 7855.

While still on new staff, Dario Marcon (NSW) has left us to travel the world and has been replaced by Rick Cubito.

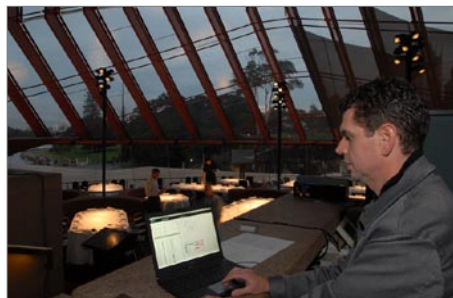
In Victoria Andrew Thompson, Rick Grani & Kristy Skipworth join us.

### ERCO association

CTI Australia has been appointed as ERCO's Light System DALI partner for the Australian and New Zealand markets.

In recognition of the new possibilities provided by Light Server 64+, CTI Australia will actively promote ERCO Light System DALI to the commercial controls market, offering a sophisticated front end solution for DALI topology networks. CTI has a long experience in the system integration, building automation and energy management markets - specialising in the design, supply, commissioning & maintenance of DALI networked solutions.

As the DALI Light System Partner for Australia and New Zealand, CTI will be responsible



*ERCO's Light System installed at Bennelong Restaurant, The Sydney Opera House.*

for growing the Light System DALI business within the controls specification sector and will also offer assistance to ERCO's existing distributor network on projects.

This appointment provides CTI greater opportunities on projects where the controls component is an important part of the specification.

### NEW Product review

HPM Switches:

Models H2C1GUWE (1 gang) ,  
H2C2GUWE (2 gang), & H2C4GUWE  
(4 gang)



Simple and elegant, modern yet classic.

A blend of an age old material and advanced touch sensing technology, Iris' smooth glass surface and smart programming makes it the perfect accessory for sumptuous interiors, where attention to detail is paramount.

#### Features & Benefits.

- Programmable for the full range of iCONTROL™ home automation functions
- Utilises Quantum QProx™ touch sensing technology
- Audible beep with button activation. Feature can be enabled or disabled
- Tri-colour LED button illuminates and provides status feedback
- Flush mount and screwless
- No mechanical moving parts - promotes longevity

## Projects - Westpac Place, Sydney

Westpac's new headquarters is impressive in so many ways, including its exceptional functionality. The lighting management system is no exception with the world's largest DALI-controlled lighting system offering high levels of comfort, flexibility and energy efficiency.

Westpac Place is a 35-storey high-rise building, located in Sydney and is the headquarters of the Westpac Banking Corporation. With a floor plate of over 74,000 m<sup>2</sup> it houses over 5,000 Westpac employees.

The firm responsible for the engineering of the base building and the tenancy fitout electrical services was the Webb Australia Group with Stowe Australia being the electrical contractor. Complete Technology Integrations Australia (CTI), the Australian systems partner of TridonicAtco was chosen to supply and commission the advanced lighting control system.



The winDIM@net lighting management software from TridonicAtco is ideal for such jobs because of its simplicity and functionality. A total of 286 DALI lines were installed. On each level the lighting

is linked to a higher-ranking control system via a DALI/Ethernet gateway so that all the operation and monitoring functions for the lighting system can be handled centrally.



The CTI DALI system is also networked with the audio-visual system. DALI relays are used to control louvre blinds and video screens and to call up dimming illumination values or lighting scenes that have been pre-programmed for different tasks such as presentations or conferences.

The winDIM@net lighting management system enables the many benefits of DALI functionality to be used for central supervision (control, monitoring and evaluation). All the status information can be retrieved from the control gear, such as lamp failures, current dimming values and failure of hardware components. This greatly simplifies maintenance work.

The CTI DALI lighting management system offers more than just the convenience of lighting moods and impressive flexibility, it offers the basis for the energy-efficient operation of the lighting system. To ensure that the prescribed illuminance values are achieved even as the lamps come to the end of their lives, the lamps are operated initially at a dimming value of around 75%. In line with the maintenance factors the dimming values are increased over time so that the offices are always lit at the same level. This intelligent adjustment of

illuminance values can save up to 18% of energy costs.

Westpac Place is characterised by complexity reduced to its essentials. The CTI DALI system makes an impressive contribution to the success of this DALI solution.



### NEW Product review

Clipsal Universal Dimmers:

Model L5504D2U



4 channel Universal dimmer with power supply. It is a DIN Rail mounted C-Bus dimmer with automatic load sensing. These units can be used with leading edge or trailing edge compatible low voltage transformers, as well as incandescent lamps and low voltage lamps with iron-core transformers.

They are housed in a 12M wide module and feature 4 independent channels of 2.5A output, a 200mA C-Bus power supply, a software selectable Network Burden and C-Bus System Clock. A maximum of 10 units may be connected to any C-Bus Network.

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