



# STUNNING RESULTS

## Intellisys by design

Recognising the need for high-end integration skills, electrical contractor Peter Knutsford commissioned leading home automation integrator Intellisys Ltd to provide systems engineering and design support.

Led by Managing Director Dr Des Dass, Intellisys has an enviable record working with owners, architects and lighting designers to deliver seamless whole-home automation as functional as it is sophisticated and aesthetic.

Recognised for their ability to integrate third-party supplier solutions into an holistic structured cabling design with single-point keypad functionality, Intellisys' design influence is evident at every turn.

Conceding little knowledge of the possibilities for automated home solutions, Ron and Sandy Brittain say Des's 'eye' for design and his ability to interpret and enhance their own ideas has resulted in a stunning outcome.

"Des's natural intuition for what we were trying to achieve was infectious and he opened us up to whole new world of possibilities that we hadn't considered. He even arranged visits to other Intellisys homes including his own to demonstrate what could be achieved."

"We we're blown away. The results were simply stunning and we knew we had in Des a project partner who could conceptualise and deliver the outcome we wanted in ways we'd never considered."

## Southern Lights

Designed and engineered to take your senses to the very edge, the Brittain family home cantilevered high over Auckland's Stanmore Bay is living proof that form and function need not be mutually exclusive.

Stylish, contemporary, design and exquisite detailing have culminated in a home that is as sensitive to its cliff-top location as it is reflective of a design ideal capturing the owners' lifetime passion for the sea.





# THE DESIRE TO CREATE

“Equally challenging was a desire to create a living environment that could adapt and change to seasonal variations in light, hue and colour and capture the Brittain’s sense of adventure and fun.”

Experienced ocean-racing sailor Ron Brittain and wife Sandy’s desire for a home that captured the changing mood and spirit of the ocean that stretches before them created architectural design challenges as demanding as any ocean yacht race.

Pragmatic and bold, the result is a home that imparts a sense of weightlessness; floating effortlessly between the ocean below and the cliff-top

panorama stretching seaward as far as the eye can see.

Essential to achieving this outcome would be an architectural lighting plan reflecting their individuality as much as it would enhance their home’s expansive indoor outdoor flow.

Like a braided South Island river, the home’s upper-level living areas merge and flow

onto expansive north-facing decks providing year-round options for alfresco dining and family entertaining.

Sensitive to their natural environment, the Brittain’s wanted to integrate solar water heating and rain harvesting into their design brief and investigate automated solutions to manage a wide variety of functions within their home.

Just as lighting would be a key to achieving the look and feel they wanted, they knew too that a successful outcome would depend entirely on a designer’s ability to interpret their design ideas and a systems integrator with the skills and experience to bring them to life.

## Lifestyle choices

Ron and Sandy say the concept and level of automated systems installed at their home was a bit daunting at first but they now wonder how they ever lived without it.

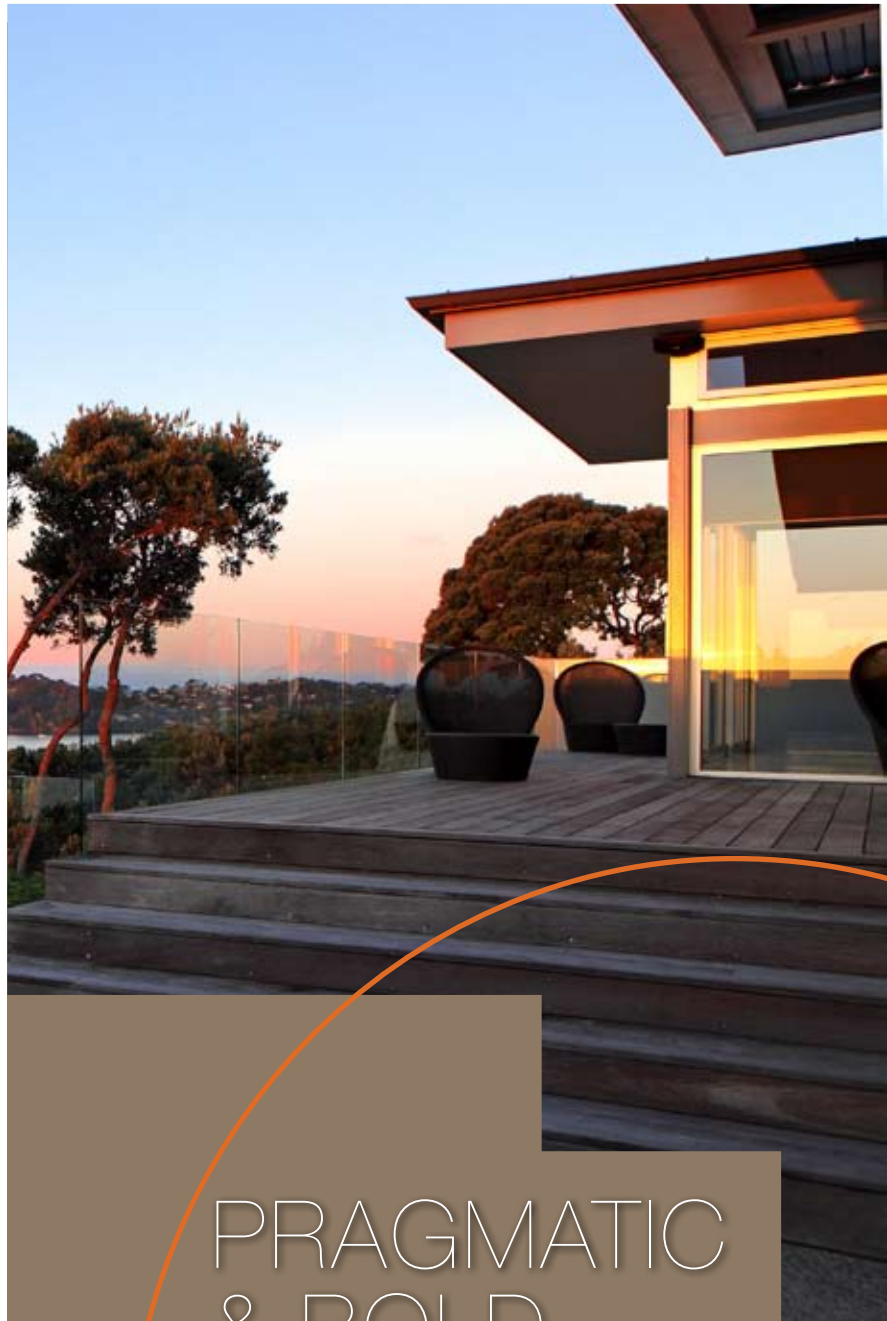
“Automation hasn’t changed our lives but it has certainly enhanced our lifestyle and our home and it does it brilliantly. Our lighting can be subtle and reflective or colourful and vibrant.

Des says the real measure of a successful automation outcome is the enjoyment and comfort home owners derive from their investment.

“At Intellisys simplicity through advanced integration design is our cornerstone. If clients can’t experiment and play with their automation then they’ve been seriously let down. We positively encourage it and on the rare occasion when they do get lost support is just a phone call away.”

Schneider Electric C-Bus Sales Manager Ramon Saxon says it is hugely rewarding to see specialist C-Bus integrators like Intellisys continually expand C-Bus control applications for third party product solutions.

“Intellisys continually broadens the horizon’s for C-Bus technology through innovation and systems design and we congratulate Des and his team for another remarkable project outcome.”



## PRAGMATIC & BOLD

“The exterior lighting adds an element of excitement and daring without impacting on our view with unwanted glare or spill and is sensitive to our cliff top environment yet functional and directional when required. And best of all we’re in complete control.”

# C-Bus whole-home solutions

Intellisys relies on C-Bus solutions from Schneider Electric New Zealand for automation control of not just lighting but total integration and control of third party automated solutions.

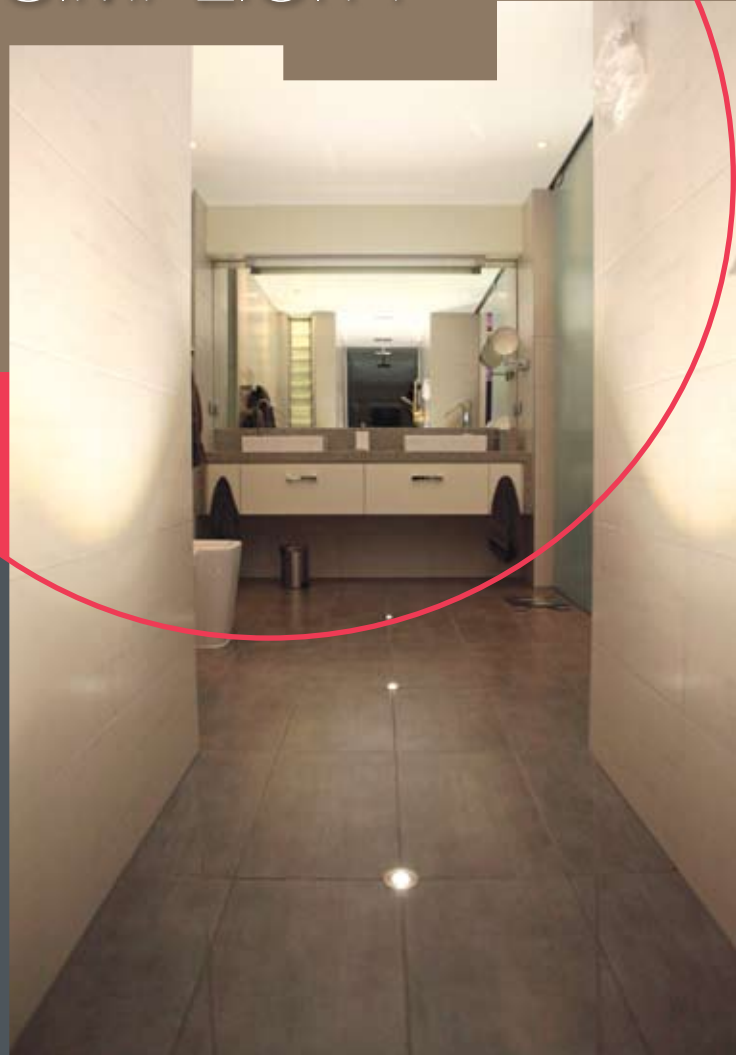
These include security, remote access, voice and data, audio and video, irrigation, pool equipment, heating and ventilation and many other automated solutions seamlessly integrated for easy single-point keypad operation or remote handset control.

This, says Des, is the advantage Intellisys and C-Bus bring to high-end projects like the Brittain home where aesthetics and ease of use are equally important to clients as functionality.

C-Bus functionality also provides remote control options via the Internet or telephone, daily, weekly, monthly and annual time scheduling, simple one-touch scene selection and a complete range of matching Saturn 250 V wiring accessories for aesthetic uniformity throughout the home.

“Intellisys has developed protocols that allow us to integrate a wide range of automated solutions on a C-Bus platform and control multiple automated functions from smart C-Bus colour touch screens and touch keys.”

## SEAMLESS SIMPLICITY



## Southern Lights

Architectural lighting is a feature of the Brittain home and a showcase achievement for Intellisys' integration skills and flair, reflecting through innovative design the family's passion for sailing and the sea.

Utilising high-power white and colour-changing recessed LED's, Des and lighting designer Rob Ginn have created a spectacular ceiling compass showing true north relative to the Brittain's location.

Behind the simple touch screen user interface, the lighting control for the compass is quite complex utilising C-Bus and DALI technologies for dimming and colour mixing. The intricate colour sequencing has been created using the CBus logic engine.

Covering the entire upper-level living area, the LED's are programmed to scroll through the full RGB colour spectrum,

creating a realistic nautical theme that is as unique and innovative as it is visually captivating.

This level of lighting design continues throughout the home with a mix of single colour and colour-changing LEDs and halogen down lights to create a symphony of lighting options for any occasion.

One of the great benefits of C-Bus lighting control, says Des, is the ability to program a range of lighting scenes into the central C-Bus colour controller for easy push-button lighting control.

“C-Bus control is all about simplicity and provides end-users with an almost endless selection of lighting scenes to reflect any occasion whether it's family, formal or alfresco dining, home theatre or television entertainment or a full-on party mode.

“This same level of control extends to heating, ventilation, irrigation, automated window and blind control and security settings including CCTV surveillance, central locking, access control, smoke, PIR and point to point detection – all from a single colour touch screen controller or in-wall keypad.”

## Project Partners

Automation integration  
and design:

Intellisys  
Automation provider (C-Bus)  
Schneider Electric New Zealand

Lighting design:

Rob Ginn

Electrical contractor:

Peter Knutsford

Lighting Supply:

Lighting Solutions

Technical Specifications

Control

Dimmed Halogen/LED/fluorecent lighting  
DALI control  
Automated towel rails  
Mirror demisters  
Vents/under floor heating  
Motorised blinds/windows  
Motorised Louvertec deck roof  
Solar water/irrigation catchment  
HVAC

Security

Surveillance and DVR  
Central locking/access control  
Smoke, PIR/point to point detection  
Integrated door stations

Audio Video

4-zone multi-room audio  
3-zone HD Video



### **Schneider Electric (NZ) Ltd.**

38 Business Parade South, Highbrook,  
East Tamaki, Manukau 2013  
PO Box 259370, Botany,  
Manukau 2163  
Tel: +64 9 829 0490  
Fax: +64 9 829 0491  
Customer Care: 0800 652 999  
Email: sales@nz.schneider-electric.com

[www.schneider-electric.co.nz](http://www.schneider-electric.co.nz)

### **Intellisys Limited**

Contact: Des Dass, Managing Director  
Ph: (09) 428 4880  
Mobile: 021 633 166  
Email: desd@intellisys.co.nz

[www.intellisys.co.nz](http://www.intellisys.co.nz)

EXPERIMENT & PLAY