

Stay Ahead of Transition Speakers 2018 – BICSI South Pacific New Zealand Conference



The Six Key Principles of Digital Hospital Design

Richard Morrison,
Chair, BICSI South
Pacific and ANZ ICT
Practice Lead, AECOM

A Digital Hospital is different; aspiring to become fully digital and pass clinical and administrative information electronically, with Culture, technology and workflow equally important. Technology is leveraged to support clinical and administrative workflows, safety and quality improvement with the building designed or adapted to support the new workflows. Join Richard's presentation on the Six Key Principles of Digital Hospital Design where he will provide a view of the transformation of our public assets to digital, including: Explore the cutting-edge innovations reshaping Hospitals; Gain insights into how to deal with infrastructure and system challenges; and See how collaboration between industry, government and academia is solving Health care problems



There's No Time Like the Present...

Ashley Martin,
Technical Manager,
CommScope

One network to rule them all. How do we hope to provide safe, reliable networks with flexibility and ease of deployment with so much changing in transmission technologies? A look at what is now available, what is coming and how on earth we deal with it all!



The importance of ICT infrastructure to business continuity

Glen Redstall, Business
Continuity Manager &
Emergency
Management, Inland
Revenue

The importance of ICT infrastructure to business continuity.



Dealing with PON LAN in the Traditional Premise Cabling Space

Jim Davis, Regional
Marketing Engineer,
Fluke Networks

Both New Zealand (UFB) and Australia (NBN) have deployed passive optical networks (PONs) to improve connectivity for the masses. This presentation looks at the architecture of a PON LAN, and how to certify that installation to meet the latest industry standard - IEC 61280-4 - in the field. The presentation will also detail how to establish a loss budget for these networks and the different test tools, such as light source and power meter, as well as Video Microscopes and OTDR that can be used to assure a network is properly installed. It will also address how to specify the field-testing of a PON LAN network in bid documentation and how to interpret delivered test results.

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Times they are a changing' - The impact of new international cabling standards being adopted by Australia & New Zealand

Murray Teale, Chair CT-001 Cabling Standards Committee & Technical Director, VTI Services

Changes to the international cabling standards are to be adopted by Australia and New Zealand soon. AS/NZS 3080 will be replaced by an AS/NZS 11801 series that will have six parts. The first part will be a modified text adoption that will include Australian and New Zealand specific information and the other parts being a straight text adoption. The changes address, in part, the move to support intelligent distributor building services (IoT) along with the introduction of Category 8, OM5 Fibre, new distributor identifiers and support of cabling to 10,000 metres to name but a few. The presentation will look at the changes and the impact to industry in a digitally disturbed world.



Case Study: How GPON provides the right Infrastructure for Hotels

Vaea Wright, Business Development Manager New Zealand, AFL

This presentation provides an in-depth look at how GPON technology was deployed in the Langham Hotel in Auckland. In particular, we will consider how the communications needs of both guests and 'back-of-house' operations were successfully met, while reducing the hotel's comms Opex.



The Interconnected Network

Craig Els, Technical Manager, Signifi

The number of applications on a network constantly increases, with new applications permanently in preparation. Server and Server Virtualization, Cloud Computing, IP-telephony, video conferencing, are only some of the drivers for ever-increasing bandwidth. A scalable infrastructure forms the basis to guarantee the network performance, for today's and tomorrow's applications. Due to the on demand scalability, fibre is the best medium. The Fibre To The Office (FTTO) combines the advantages of fibre with the requirements for a flexibility, cost-efficiency and interoperability enterprise network



Closing Keynote Speech

Hon Clare Curran, Minister for Broadcasting, Communications and Digital Media

Closing Keynote