

# Australian Data Centre Strategy Summit 2016



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## DAY 1 - TUESDAY 1ST MARCH 2016

15:00 - 17:30

*Registration & Check-in*

16:00 - 18:00

**Pre-Summit VIP Strategy Workshop**

### **“Cloud Skills Hiring Panel: How do you create the best team?”**

An open discussion group with OPTUS' Joseph SMITH and TRA's Trevor CLARKE.

At our last Summit this was seen as one of the best sessions - we revisit 12 months on.

Currently, there are >18 Million cloud computing jobs worldwide and with the explosion in cloud computing and demand for people who can help with cloud migrations, there are 100 jobs chasing each qualified candidate. That disparity will grow in 2016.

Australia's skills shortage compounds this issue - so how do you create the best team?

18:00 - 18:45

*VIP Welcome Drinks Reception*

18:45 - 21:30

*Pre-Summit VIP Gala Dinner*

### **“2016 Year in Review + Benchmarking Data for 2016 Preview”**

Trevor CLARKE, Partner, TECH RESEARCH ASIA

Pre-Summit Surveys from all our delegates enable a real-time snapshot of your current priorities and pain points.

Our MC Trevor benchmarks and validates your thinking.

DAY 2 - WEDNESDAY 2ND MARCH 2016

07:00 - 08:30

VIP Breakfast

08:30 - 09:10 **ADVISORY PANEL: "Co-lo Kings - the Sequel"**

We revisit 2016's well acclaimed Panel with 2016's strategic advice from the engineering heads of Australia leading co-location facilities - Equinix, Global Switch, Digital Realty and Metronode

09:10 - 09:45

**GLOBAL KEYNOTE: EQUINIX** - Global CIO, Brian LILLIE

One of the USA's top 50 CIOs is flying in to the Summit to attend and bring global insights on the Cloud and Data Centre. Brian Lillie joined Equinix in September 2008 and has been focused on building business value through strategic and innovative product development and information technology initiatives. Global product examples include the innovative and ground-breaking Equinix Cloud Exchange portal and API platform, the Equinix Customer Portal, Equinix Marketplace Portal, and the Equinix Internet Exchange Portal. In addition to product initiatives, Mr. Lillie has also driven several global initiatives to improve internal efficiencies and global scale, including quote-to-cash systems such as sales force automation, enterprise resource planning, big data analytics and acquisition integration. Mr. Lillie also leads the global Equinix-on-Equinix program, which demonstrates the value across the applications, server, storage, and data/analytics stack running on Platform Equinix for current and prospective Equinix clients.

**CLOUD TRACK**

**DATA CENTRE TRACK**

09:50 - 10:20

**UNIVERSAL MUSIC AUSTRALIA** IT Manager, David VERED

**"How Universal Music Australia uses cloud to enable its workforce and draw insights in the ever changing music business"**

To continue being the number one music company globally, Universal is investing in solutions to increase agility and support new revenue streams. In this session you'll learn how the IT team at Universal is taking advantage of cloud services to enable a mobile, collaborative workforce with new consumer insights and the ability to respond faster to an ever-changing market place.

**HP** - Productivity, Strategy and Programs South Pacific, Gus SABATINO

**"Are you ready for the next step in your DC Strategic Journey?"**

Establishing the Data Centre Transition/Migration Program" Planning the Transition and Migration program should be as simple as Project Management 101, but is it? Where do you start? What are best options? How do you achieve a successful outcome? Be prepared with tips and potential pitfalls as you plan what could be your worst nightmare or your most invisible executed project. It all comes down to planning, ownership, communication and flawless execution. This will be an interactive session where your participation will be highly encouraged.

10:20 - 10:50

**PS&C GROUP** - Security Researcher (Name withheld)

**"A hacker's guide to breaking your cloud security"**

A view from the emergent threat landscape  
Cloud services enable organisations to access unparalleled scale at a speed and cost never before imagined. But just spinning up a third-party service doesn't inoculate an organisation from the information security risks and responsibilities of protecting data and ensuring proper governance. PS&C Group advises Australia's top businesses and government agencies on the people, security and communications they need to keep out the bad guys. You'll hear from their experts about the exploits they see in the wild and learn how to better secure your systems.

**AURECON** - Global Technical Director, DC + IT Facilities, Pete GREAVES

**"Data centres of the future"**

What will data centres in the next 10 years look and feel like? What technology will be used what will the external influences be? Rising sea levels? Digital construction? Security? Skill shortages? Will the edge become the new norm? What will disrupt the industry and how will we respond?

10:50 - 11:05

Networking Break

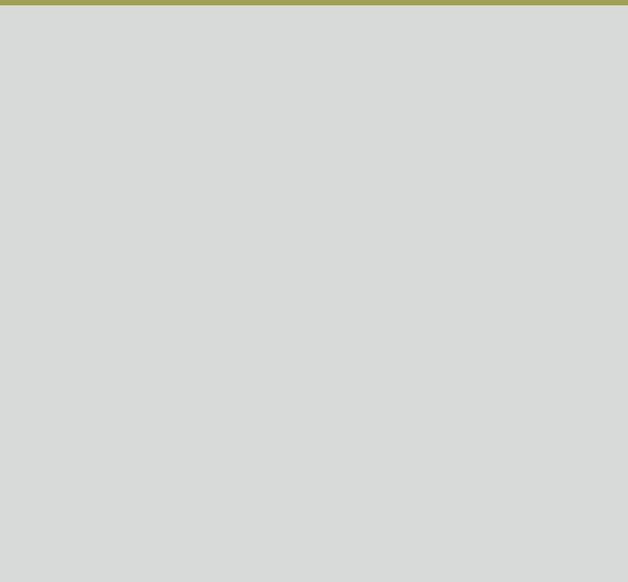


**11:05 - 11:40 GLOBAL KEYNOTE: VMWARE - VP & CTO, Cloud-Native Apps, Kit COLBERT (tbc)**

**“A Software Defined Future”**

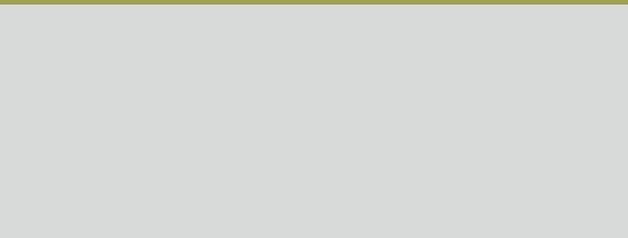
VMware hope to bring to the stage Kit Colbert is VP & CTO, Cloud-Native Apps at VMware, driving strategy and product development of third platform application solutions across the company. Previously, he was CTO of VMware’s End-User Computing business unit, Chief Architect and Principal Engineer for Workspace Portal, and the lead Management Architect for VMware vSphere Operations Suite. At the start of the career, he was the technical lead behind the creation, development, and delivery of the vMotion and Storage vMotion features in vSphere. Kit holds a ScB in Computer Science from Brown University and is recognized as a thought-leader on third platform, end-user computing, and cloud management trends. He speaks regularly at industry conferences, on the main stage at VMworld, and is the Cloud-Native and EUC voice for the VMware Office of the CTO Blog.

<b>11:45 - 12:15</b>	<b>AUSTRALIAN CLOUD CASE STUDY</b>	<b>AIRSERVICES &amp; Icon / AG Coombs - Joint Case Study Presentation</b>
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Maybe the most mission Critical Data Centres in Australia?  
 Two new data centres for the new OneSky Air Traffic control system that Air Services is deploying across Australia will control all of Australia’s airspace and are one of the most exciting national Data Centre projects - the availability design will be 5-9-7 [99.9997%].  
 Essentially it brings Civil and Defence aviation together into the one Air Traffic Control system, enabling civilian planes to fly in airspace currently reserved for Defence aviation. This enables Civilian Airspace capacity expansion and will help manage the anticipated future growth requirements and avoid current airspace congestion issues.  
 Understand the details of the Data Centre design that keeps us safe when we fly.  
 ASA will talk about OneSky, what it is, why we need it.  
 Icon as the design manager will talk briefly about the design process.  
 AG Coombs as the services designer will discuss the technical design elements.

<b>12:15 - 12:45</b>	<b>Strategic Partner Insight with ORANGE BUSINESS SERVICES &amp; VERITAS</b>	<b>Strategic Partner Insight with SANDISK</b>
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**“Flash Point: providing a needed spark to your data centre”**  
 Flash memory solutions are not a single technology. They are a synthesis of hardware, software and design know-how that can be deployed in a variety of ways to enhance your Data Centre operation’s performance and power, with lower costs.

**12:45 - 13:40** *Networking Lunch*

13:40 - 14:20

**GLOBAL KEYNOTE: GOOGLE** - Group Product Manager + co-founder Kubernetes, Craig McLUCKIE

**“The container disruption and the jump to cloud native computing: Who is driving, what changes, and how to ride the wave?”**

Linux applications containers are changing the way that enterprises build, package, deploy and run applications. Beyond solving long standing problems around the packaging and deployment of software, they are also a path to building and running applications using the patterns pioneered at internet companies and like Google, Twitter and Facebook. This transformation comes at a time when enterprises are starting to tackle what were previously considered internet scale problems through the emergence of IoT, and a mobile enabled workforce and customer base, and are looking to create more agile IT processes that evolve at the pace of the business. During this session we will talk about what is behind the Docker and Linux app container revolution, how it impacts the enterprise, and what is likely to happen in the next few years. We will talk about containers, the role of dynamic schedulers and active management systems, and about the micro-services model for building and integrating technology into real solutions.

Craig McLuckie launched Google Compute Engine, Google’s VM product, then started working on bringing together the world of PaaS and IaaS, and was a founder of the Kubernetes project. He is also responsible for Google Container Engine, Google’s hosted container offering and Deployment Manager that brings declarative resource management to the Google Cloud Platform. Prior to Google Craig worked at Microsoft on developer and enterprise software.

**CLOUD TRACK**

**DATA CENTRE TRACK**

14:25 - 14:55

**QLD’s Dept of Housing & Public Works** - Fmr Dir. Program ONE, John BOWDEN

**PINNACLE DATA CENTRE** - edgeDC, Director - Adam DAVIS

**“Approach and challenges to bringing cloud to Housing and Public Works”**

‘Program ONE’ was a \$25 million transformational change program to revitalise the department’s diverse business areas and take advantage of new and disruptive digital services. Hear from John Bowden, who established the program, about his approach to cloud adoption by government, the challenges encountered and how they were resolved.

**“Is there room for data centre start-ups?”**

There are no shortage of big players in the Australian data centre market, but is there room for start-ups? Meet EdgeDC and its Pinnacle data centre project, a new build planned for 28km north of Brisbane’s CBD. Hear from Director Adam Davis on why they still see opportunity in the crowded market, how they managed to get the project off the ground and the facility’s design specifications.

14:55 - 15:25

**Strategic Partner Insight**

**Strategic Partner Insight with SCHNEIDER ELECTRIC**

15:25 - 15:40

*Networking Break*

15:40 - 16:20

**NAB** - Head of Cloud & DC Services, Tim PALMER

**“The best of both worlds: How NAB’s transformation straddles the cloud and data centre divide”**

He’s the leader of the largest data centre transformation in Australia, modernising infrastructure to deliver faster and more enhanced service to customers. NAB now runs more than \$250 billion in transactions daily out of its state-of-the-art, purpose-built Deer Park Data Centre, and is on track to deliver - or exceed - estimates of \$22 million in cost savings over the next ten years. At the same time, Tim Palmer manages the bank’s Cloud Services team, covering hybrid operating strategy development and execution, and governance for migrating workloads to run in public cloud. As this year’s summit straddles cloud and data centre, hear from the NAB executive with responsibilities for both.

16:20 - 17:00

**ADVISORY PANEL:** Craig McLuckie (Google) and local Docker customers including Expedia + more

**“Massively productive dev/ops through containers: An insider’s panel on the art of the possible”**

Containers are emerging as a major force in software development, enabling developers to write better code and test it many orders of magnitude faster than through traditional methods. Just like shipping containers from which they take their name, software containers are a standard way of delivering software across platforms and with automation. For those inspired by Craig McLuckie’s keynote on Linux containers, an expert panel will answer your questions. Hear Craig and local Docker users including Expedia explore how to build a business case for Docker implementation, where the platform has business benefits and how to make it work in production.

17:00 - 17:15

*Break*

**5 x “POD” Sessions (“Practical Open Discussion”) in private rooms for groups of 15-25**

Topics cover Management, Strategy, Vertical and Technology issues - choose the most aligned:

#1 - “Adapt, Change and Disrupt the status quo”

#2 - “The real TPP impact”

#3 - “Cloud Connect and GovDC”

#4 - “Will the Cloud ever be Secure?”

#5 - “Have you given your Data Centre a health check? It’s probably on life support already” Mark Thiele

17:15 - 18:00

18:45 - 19:30

**VIP Cocktail Reception**

19:30 - 21:30

**VIP Gala Dinner + Keynote**

Relax and Laugh at our informal dinner - with a Fun Keynote

**DAY 3 - THURSDAY 3RD MARCH 2016**

07:00 - 08:30

*VIP Breakfast*

08:00 - 08:30

*Check out the Technology Displays*

08:30 - 09:05

**ADVISORY PANEL: Space, the data centre frontier**

**“How Australian scientists use big data to explore the origin of everything”**

Exploration of space is now often done in the data centre using high-performance computing. This panel assembles leaders in Australian space exploration including astronomers, scientists and engineers to discuss how information technology helps them to peer deep into the cosmos. Includes speakers from the Australian Astronomical Observatory, space exploration accelerator Delta-V and the Pawsey Supercomputing Centre that is contributing to the Square Kilometre Array.

- Professor Andrew Hopkins, Head of Research and Outreach, Australian Astronomical Observatory
- Professor Geraint Lewis, Professor of Astrophysics & ARC Future Fellow, University of Sydney
- The Pawsey Supercomputing Centre
- Delta-V

09:05 - 09:55

**Strategic Partner Insight from Commscope**

**CLOUD TRACK**

**DATA CENTRE TRACK**

09:55 - 10:25

**LIGHTNING TALKS:** Aidan TUDEHOPE, Managing Director, Macquarie Telecom. Dr Matthew RIMMER, Prof. of I.P. and Innovation (law faculty), QUT

**Strategic Partner Insight with ACCTON**

**“Is your data free to fly? TPP Secrets that may dictate your next move”**

The Trans Pacific Partnership and other related international trade agreements have cloud and data firmly in their sights. But as with any legal document, the devil is in the detail.

Our speakers are well versed in the minutiae of these agreements and will surface aspects that you may not have considered and the (un)intended consequences as Australian legislators turn these agreements into law.

10:25 - 10:55

**LIGHTNING TALKS** - iFlix and Brightcove/Stan'

**OVUM** - Lead Analyst, AI BLAKE

**"When Australia sits down to watch SVOD TV"**

Streaming video on-demand (SVOD) providers are shaking up the TV and video industries. Even before it launched in Australia, Netflix, the world's biggest SVOD, had 200,000 subscribers. Now the field is wide open with local providers such as Stan, Presto and Netflix Australia claiming more than two million subscribers – the fastest adoption of TV services in Australia's history. We hear from SVOD providers how they manage their networks, maintain quality service levels and provide recommendations come 6pm when Australia sits down to watch TV.

**"From Mega Vendors to Aggregators"**

Cloud Service Governance and Managing Mega Vendors. Rapid evolution is needed around governance and managing cloud and other partners, 3rd party providers - in order to deliver the service you thought you were buying - and aligning this to the direction of your organisation.

10:55 - 11:10

*Networking Break*

11:10 - 11:45

**SWITCH SuperNAP** - EVP DC Evangelism, Mark THIELE

**"How to survive the impact of IoT on your infrastructure?"**

There can be little doubt that IoT will have a huge impact on our infrastructure. How we adapt our infrastructure to support our businesses adoption of IoT will be key to our success. Application Containers (Docker and COREOS among others) in combination with micro services are potentially the perfect answer to a future with 10s of billions of new small transactions happening in real time 24 hours a day. A container is light compared to a virtual machine and can be started in milliseconds compared to seconds or even minutes for a VM. If you're going to be responsible for delivering millions of responses to customers or even from machine to machine, you can't afford to build infrastructure the way most do today. The opportunity here is to build applications that are "on" for only the time needed freeing up your capacity to deal with other requests. Rapid deployment and using only exactly what you need for as long as you need it, these are some of keys to surviving the impact of IoT on your infrastructure.

11:45 - 12:20

**OPTUS** - Director, Cloud and Data Centre CoE, Joseph SMITH

**"How not to get run down by the DevOps Wave"**

- What is DevOps and the move to Agile IT?
- Why should you bother to do something about it?
- Where do you start? How do you begin your journey?

12:20 - 13:20

**CLOSING ADVISORY PANEL: Megatrends**

**"Preparing for the New Frontier"**

Preparing for the New Frontier means capacity planning and service delivery accounting for IoT, Big Data, Lego block architecture and the fast incoming Megatrends of M2M landing over next five years. Our Panel of experts will offer practical advice on strategies to navigate your organisation through as a winner:

QCIF (Queensland Cyber Infrastructure Foundation) - Big Data Innovation Consultant, Franz EILERT

Springfield Land Corporation - Chief Digital Officer, Paul WYATT

Professor Geraint Lewis, Professor of Astrophysics & ARC Future Fellow, University of Sydney

13:20 - 13:30

**Closing Remarks & Prize Draw**

13.30 - 14:15

*Farewell Networking Buffet Lunch*

14:30 - 17:00

**VIP Private GOLF EVENT**

40 VIP guests will be invited to play Shotgun 9 hole golf after the Summit