

Broadband at a crossroads conference



LANGHAM HOTEL, AUCKLAND 26 and 27 FEBRUARY 2009

Thursday 26 February 2009

DAY ONE: THE VALUE CHAIN, BUSINESS MODELS AND SERVICE ISSUES:

8.30-9.00am

Registration

9.00-10.00am

Introduction and Overview: Setting the Scene

Paula Rebstock, Commerce Commission Chair

Outline of the next generation networks study and the conference

Introduction of the conference facilitator:

David Havyatt, Havyatt Associates Pty Limited

Peter Darling, Ponderosa Communications

From hype to reality – overview of NGN, what it is and what it isn't

10.00am

MORNING TEA (30 MINS)

10.30-12.00am

Ministerial Address

Hon Steven Joyce, Minister for Communications and Information Technology

International key note speaker

Kip Meek, Chairman, UK Broadband Stakeholder Group

Fast broadband is not just about pipes!

Who takes the risks and why benefits are not always well aligned

**Panel
discussion with:**

Jordan Carter, Deputy Executive Director, InternetNZ

Ernie Newman, CEO, TUANZ

Ralph Chivers, CEO, Telecommunications Carriers Forum

Ministry of Economic Development (tbc)

12.00pm

LUNCH (1 HOUR)

Broadband at a crossroads



Thursday 26 February 2009 **DAY ONE: THE VALUE CHAIN, BUSINESS MODELS AND SERVICE ISSUES:**

1.00-3.00pm

Convergence of Three Worlds

Tim Cowen, General Counsel, BT Global Services (tbc)

NGN and the BT transformation model

Alan Noble, Director of Engineering, Australia and New Zealand, Google
Cloud computing

Donald Clark, CEO, REANZ

Beyond IP. NGN are heavily focused on common IP cores.
What happens when IP will no longer deliver?

Stefan Korn, Managing Director, Webfund

Beyond IP – a start-up perspective

Who will generate traffic in next generation networks? In his talk Stefan provides a snapshot of the challenges and opportunities of current and next generation networks faced by NZ start-ups. Given that the next TradeMe-like online success story is likely to come from today's start-up community it is pertinent to look at the requirements and specificities of online start-ups. Stefan examines the role and relevance of next generation networks in assisting local start-ups with achieving commercial success beyond New Zealand's borders.

This session will be ended with a brief Q&A session.

3.00pm

AFTERNOON TEA (30 MINS)

3.30-5.30pm

Services and Application

Rosalie Nelson, Research Manager, Telecommunications, IDC

What will the future look like?

The New Zealand telecommunications market: traditional revenues are eroding, customer demand is changing and traditional business models are under attack, yet the need for next generation network investment is critical. So what are the services that will drive demand and revenues for fibre-based broadband? How will the convergence with the IT and media/internet sectors reshape the industry?

In this presentation, IDC New Zealand Telecommunications Manager Rosalie Nelson explores:

- The state of New Zealand telecommunication services today
- International examples of where IPTV, VoD and other next generation services have (and haven't) worked
- Changing nature of demand
- Impact on the Telecommunications sector – shape of the industry to come

Jane Huxley, General Manager – Media, Fairfax Media, Australia

Media consumption of Generation Y. A case history of www.thevine.com.au

Paul Clarkin, Chief Technology Officer, WorldxChange Communications

How to make it pay? Where are the applications and services?

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Thursday 26 February 2009 **DAY ONE: THE VALUE CHAIN, BUSINESS MODELS AND SERVICE ISSUES:**

3.30-5.30pm

Services and Application (contd)

Malcolm Webb, Partner, MGF Webb

Why is content so important?

Next generation networks will become a platform for a new era of competition in audio visual content. We can expect to see service providers offering a range of rich IPTV services, in competition with existing TV broadcasting platforms. Some of that audio visual content is particularly compelling to consumers, such that control over that content may be a source of market power. This presentation considers this issue of market power and the concerns that this gives rise to in the context of next generation networks. The presentation will also canvass the recent regulatory developments that have taken place in this area internationally.

This session will be ended with a brief Q&A session.

5.30pm

NETWORKING DRINKS – HOSTED BY JUNIPER NETWORKS



Friday 27 February 2009 **DAY TWO: NETWORKS**

9.00-9.40am

International key note speaker

Dr Jos Huigen – Director Regulatory And European Affairs, Koninklijke KPN N.V.

9.40am-10.40pm

Panel Discussion

The strategic NGN policy and regulatory issues for New Zealand

**Panel
discussion with:**

Tristan Gilbertson, Group General Counsel, Telecom New Zealand

Ken Tunnicliffe, Technology Director, Vodafone New Zealand

John Bone, Head of Mobile and Alternative Networks, TelstraClear

Osmond Borthwick, Director of Telecommunications, Commerce Commission

10.40am

MORNING TEA (30 MINS)

Broadband at a crossroads



Friday 27 February 2009 **DAY TWO: NETWORKS**

11.10am-12.30pm

Core Network Issues

International Key Note Speakers

Scott Marcus, Senior Consultant, WIK-Consult GmbH

IP Interconnection

Dr Kireeti Kompella, Juniper Fellow

Crisis in transport – moving the purple line

Tdm is past its prime. A major component of next generation networks is the migration from TDM voice to VoIP and from TDM and ATM circuits to Ethernet, providing capex benefits as bandwidth requirements increase. In parallel with this, there is recognition that the worlds of packets and of optical transport must come together to maximize operational efficiency and flexibility. Enabling this to occur while maintaining the traditional robustness and ability to route traffic paths over available optical capacity requires additional tools, of which the industry has presented several options over the last couple of years. As well as charting some of the changes that are occurring in architecture, this presentation also raises some of non-technical changes that must occur.

Panel discussion with:

Murray Milner, Principal, Milner Consulting

Paul Clarkin, Chief Technology Officer, WorldxChange Communications

David Diprose, GM Regulatory, Vodafone

Steve Lowe, Chief Executive Officer, Alcatel-Lucent New Zealand

12.30pm

LUNCH (1 HOUR)

1.30-2.30pm

Access Issues

Chris Coughlan, Australian Wireless Consultant

Wireless access technologies

Overview of mobile and Wimax technologies and the issues and benefits

John Burton, Independent Telecommunications Consultant

Overview of fixed access network topologies, issues and benefits

2.30pm

AFTERNOON TEA (30 MINS)

3.00-4.40pm

International key note speakers

Benoit Felten, Senior Analyst, Yankee Group

Open access makes economic sense

Robert (Bob) James, Principal Consultant, Nokia Siemens, Australia

Fixed broadband – is it the next utility?

Panel discussion with:

Mark Ratcliffe, Chief Executive, Chorus

Matt Crockett, Chief Executive, Telecom Wholesale

Jamie Baddeley, InternetNZ

Mark Petrie, Snap Internet

Andrew McPherson, Woosh

4.40-5.00pm

SUMMARY OF KEY TRENDS AND ISSUES

This programme is correct at time of publication.