NBN Co:
Converging on an NBN Future

Sean Casey
October 9th, 2012
Fibre + Fixed Wireless + Satellite = 100%
Common Platform: Universal & Standardised

Ubiquity with standard products and processes plays an important part in supporting public applications such as eHealth and Education.

Ubiquity: As important as the speed and throughput improvements

Service Providers are expected to be able to reach any customer in any region, using one of the three technology platforms.
NBN Service Providers

These Service Providers had a signed WBA as at 30 August 2012
NBN New Opportunity:

• Multiple Ports, Multiple Services
  4 x independent services per home

- **Broadband**: Internet Access
- **Public Services**: Gov, Health, Education
- **Monitoring**: Health, Security, Energy
- **Social/Entertainment**: Video on Demand
Australia’s National Broadband Network is on its way to you.

Stage 1
3 years
1,500 communities
3.5 million homes & businesses

To see if you’re one of the first, visit NBNCo.com.au or call 1800 881 816

The three year plan covers network construction due to commence 1 April 2012 through 30 June 2015. When complete, the NBN is planned to reach 100% of Australian homes and businesses.
Acceleration of the Rollout to 2015

This timeline is indicative only and subject to change without notification.

Approx 6,000 per day
National Broadband Network

Long-term indicative timeline

2012

Plan
Test

2015

Construct

Jun'21

Maintain
Operate

Period covered by the Corporate Plan

Commercial in confidence | © NBN Co 2012
NBN Rollout, Ageing Australian Demographic

- **NBN Co Rollout**
- **Aged Care Services**

![Graph showing NBN Co Rollout and Aged Care Services over time from 2010 to 2050.](image-url)
Building Digital Infrastructure

Health
- Tele-medicine
- Tele-care
- Video Consultations
- Monitoring
- Records

Education
- Virtual Classroom
- Collaboration
- Access
- Research

Community
- Government
- Social Inclusion
- Participation
- Comms
- Regional Development

Business
- Tele-working
- Cloud Services
- Flexible Workforce
- Collaboration

Entertainment
- Social TV
- Video on Demand
- IPTV
- Games
- Video Conferencing

Layer 2

National Broadband Network
## Distribution/Services: Physical -> Digital

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<tr>
<th>Physical</th>
<th>Digital</th>
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<td>Post</td>
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<td>Download</td>
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<tr>
<td>Store, Local</td>
<td>Online, Global</td>
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**Emerging Digital Services**

- **Health care**
- **Cloud Businesses**
- **Education**
Extending Services to the Home
Industry Opportunity: Reduce Costs, Improve Service Delivery

TOTAL EXPENDITURE (B$)
ABS Australian Yearbook

- NBN Co: 3.7
- Education: 66 (5.8% GDP)
- Health: 103 (9.1% GDP)

Health Trials: Pilot, Policy, Deploy

**Diabetes**
- Townsville

**Chronic Disease Care**
- Armidale/Kiama

**Tele-monitoring for Veterans**
- NSW/QLD/TAS/WA
health care
education

[Image of an orange 'm' with a graduation cap on it]
digital economy
aged care
inclusive society
intertwined
“Everyone has the right of equal access to public service in their country.”
converging on an nbn future?