

Mindless NBN Construction

1. The aim of the National Broadband Network is being marketed to the masses as being able to bring 100 Mbps of true bandwidth to every home in Australia. This is not possible. If you give several million households 100 Mbps of bandwidth then all the bandwidth of the world's existing internet would be exceeded.
2. Apparently this will be achieved by laying fibre optic cable to each home in Australia. From the exchange to the home. This is tricky business, fibre optic cable cannot be treated like copper cable, further it does not have the same life as copper cable and generally will have to be replaced every 20 years.
3. Wireless 4G, designed for data transmission, is being designed around access speeds to 100 Mbps. At no cost to the taxpayer.
4. DSL connections speeds across existing copper wires are already approaching 50 Mbps. These could be adopted for zero cost to the taxpayer.
5. Having 100 Mbps to your front door means that your house will have to be wired with fibre optic at your cost to each room where you want to access the internet and if you want the full bandwidth available.
6. Using a wireless router in your home will mean that your access speed will be only as fast as your wireless local area network which will not be 100 Mbps as they stand now.
7. The NBN will be paid for with wealth taken forcibly from your wallet, or by shouldering more debt. This cost is projected to be at \$60 BILLION or more.
8. The various Unions are falling over themselves as they want that wealth in exchange for meager and illogical work as outlined above and clearly in the below article. Australian politicians want the power of that wealth. You will have to pay for it.
9. To top it off it is worthwhile noting that the current minority government is still pushing ahead with Internet Filtering Plans. So all this bandwidth paid for and then it will be limited as to what content the plundered taxpayer can access. This is akin to paying to build an 8 lane freeway with no off ramps, just 8 lanes that ends at each and every home and then you are only allowed to use bicycles on it.

The construction of complicated engineering marvels that service the public profitably is the realm of the innovative industrialist supported by competitive free markets and capital profitably invested. Not this mindless debacle that is unfolding.

Mac Nichols

Mining Engineer

References

1. Depreciation Lives for Fiber Optic Cables in the Local Exchange
[Ray L. Hodges & Lawrence K. Vanston](http://www.tfi.com/pubs/r/r02003_fiber.html)
http://www.tfi.com/pubs/r/r02003_fiber.html

2. [50 Mbps on DSL](#)
3. [Wireless 4G overview](#)
4. [Wireless 4G in Perth, Western Australia](#)
4. [NBN cost](#)

The article:

<http://www.theaustralian.com.au/national-affairs/unions-seek-nbn-wage-and-job-deals/story-fn59niix-1225954657383>