

Moving the Data Mountain to Mohammad

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Similarities and Differences

Similarities

- Geographic diversity
- High bandwidth requirements
- High reliability

Differences

- Inbound data flow
- Simple and defined networking requirements
- Archiving requirements
- No carrier representing the interest of their "community"

Impact

Expected

- Predictability in network cost
- Reduction in image analysis cost
- Turn around time reduction

Impact

Unexpected

- Reduction in internet costs
- Improvement in system reliability

Bottomline

Previously

Effective throughput
Image delivery

less than 1 Mbps
more than 10 minutes

Now

Effective throughput
Image delivery

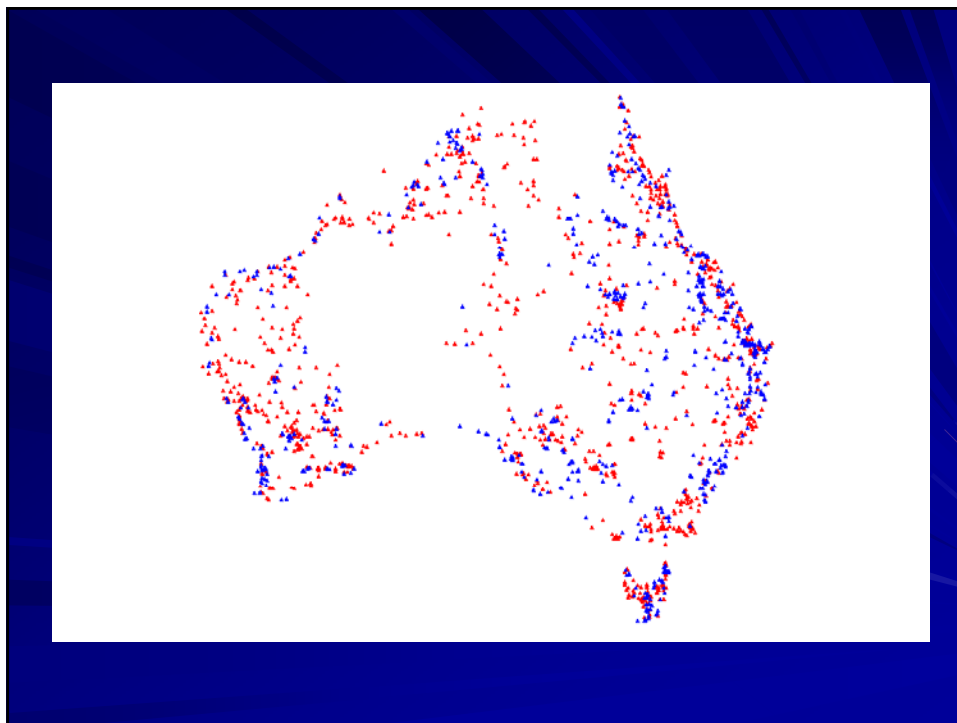
more than 200 Mbps
less than 10 seconds

Future

Possibilities

Sharing the bandwidth for other medical applications
Real time delivery of imaging results to Customers
Training delivery
Network support remotely

NBN???



Thank You