Leveraging our Investment
Towards the Vocational Education Broadband Network

it's all about education
and people
VET Sector Quick Facts

- 1.67 million students enrolled in the public VET system in 2007
- 405,500 apprentices and trainees were enrolled at 31 Dec 2007
- $5,490,600 million was spent in 2006 in the public VET system
- 4400 registered training organisations including 3,100 private training providers in 2007

Source: National Council for Vocational Education Research

TAFE Locations

[Map of Australia showing TAFE locations]
ICT Adoption in the VET Sector

Source: 2008 E-learning Benchmarking Survey

Uptake of e-learning in the VET sector

Source: 2008 E-learning Benchmarking Survey

ICT Adoption in the VET Sector

Uptake of e-learning in VET by state/territory and provider type

Source: 2008 E-learning Benchmarking Survey
ICT Adoption in the VET Sector

Australian Flexible Learning Framework
supporting e-learning opportunities

Australian Government
Department of Education, Employment and Workplace Relations

ICT Adoption in the VET Sector

flexiblelearning.net.au

Quick Links
- Flexible Learning Toolbox
- VOD
- E-learning for Industry
- Benchmarking and Research
- E-learning Innovations
- Ra indicators
- Export/EOs

Latest News

Discover e-learning!
E-learning can transform your training delivery. Explore this site to discover the Australian Flexible Learning Framework, its products and services, and how it can assist you to embed e-learning and be part of the wider e-learning community.

Welcome to your new e-learning hub
flexiblelearning.net.au provides a central hub for vocational education and training (VET) practitioners and providers working in e-learning to connect with colleagues around Australia and internationally.
Launched in early July 2009, the site is interactive and user-friendly.

Site-wide Free Tags
2009 e-learning, funding e-learning, virtual classroom, international education, research.
The Access to Bandwidth Project

VETVirtual

The Access to Bandwidth Project
Challenges

Proof of Concept Network Project

“Is an end-to-end optic fibre network for the public sector VET providers feasible?”

DEEWR  AARNet

Australian Capital Territory
Canberra Institute of Technology

South Australia
Panorama, Urrbrae, Regency, Gilles Plains, Salisbury, Elizabeth, Gawler, Roseworthy, Tea Tree Gully (connected to SABRENet)

Victoria
Swinburne Institute of Technology, Victoria University, RMIT, University of Ballarat
Kangan Batman, Wodonga, Gordon, William Angliss, and Holmesglen
Principles to Guide the Selection of Demonstration Projects

Principles stated by Steering Committee

Applications or content to be used in the TAFE Network project, ideally should:

- Be something that is not presently available, or is currently available but operating poorly due to less-than-adequate bandwidth
- Not merely replicate an application that is already available
- Be an exemplar of the benefits of high-speed connectivity
- Have an identifiable educational outcome
- Cross jurisdictional borders (at least 2 applications)
- Demonstrate cross jurisdictional collaboration (at least 1 application)
- Involve more than 1 institute (at least 2 applications)
- Involve video conferencing (at least 1 application)
- Demonstrate a bandwidth-hungry application (at least 1 application)
- Be distinctly different in technique and form (not just 3 examples of video conferencing)
- Involve a variety of learning disciplines
- Involve at least one traditional trade
- Apply across the tertiary sector or whole-of-education sectors (at least 1 application)
- Be able to be implemented without undue impact of time or other resources by institutions (essential)

Applications that may also be considered include:

- An education administration activity (e.g. RPL, e-portfolio)
- A staff professional development activity
Now

Vocational Education Broadband Network
A Possible VEN

Original Proposal
TAFEs connect to VEN which handles both on-net and commodity Internet traffic

Network of Networks
On-net traffic routed to VEN, but commodity traffic routed to Internet by relevant State Network
A Possible VEN

Challenges

Political

Financial

Technical

Potential future role for NBN in providing last mile "tails"
The Future of the VEN

http://vm-bne-a-vv1.ms.aarnet.edu.au/vvirtual/hdVideoPlayer/default.html#