



Implementation of Catholic Network Australia

A National Schools Network

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Catholic Education

~1700 schools across the country

Commissions and Education Offices





Tender & Outcome



Services are required in four service towers:

Internet Feed	To existing Data Centres •Perth = 100Mbps •Adelaide = 40Mbps •Melbourne = 100Mbps •Sydney = 150Mbps •Brisbane = 100Mbps
CNA Network	MPLS Core Network School/ CEO site network connections, Manage school/CEO routers, Manage Core Network
Supply School/CEO Routers	The ACEN minimum standard site router for sites for sites with 1-4 Mbps symmetric links or ADSL links is to be a tier 1 device, suitable for supporting a school campus
Network Monitoring and Reporting	Monitor data centre to core traffic and provide: o SLA and status monitoring reports o Statistical reports • Provide advanced monitoring services of school/CEO routers



Telstra Connectivity

- 1580 + total sites
- 1370 + with fibre
- Exceptions: ACT/Tas/NT

Indicative Fibre Link \$s:

10Mbps Fibre

\$12k, \$30k, \$40k pa

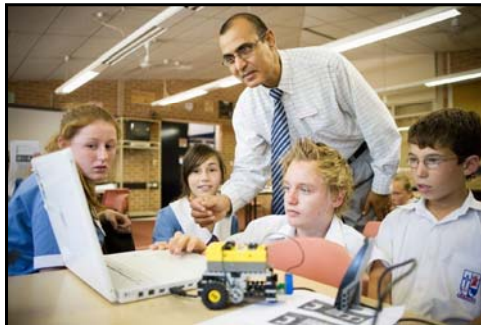
Metro, Urban, Regional



2010/11 Connectivity



CNA Connection	Metro	Urban	Regional	Remote	Totals
ADSL	3	75	117		195
GBIP			12	1	13
GWIP	879	274	218		1371
Satellite			1	5	6
Totals	882	349	348	6	1585

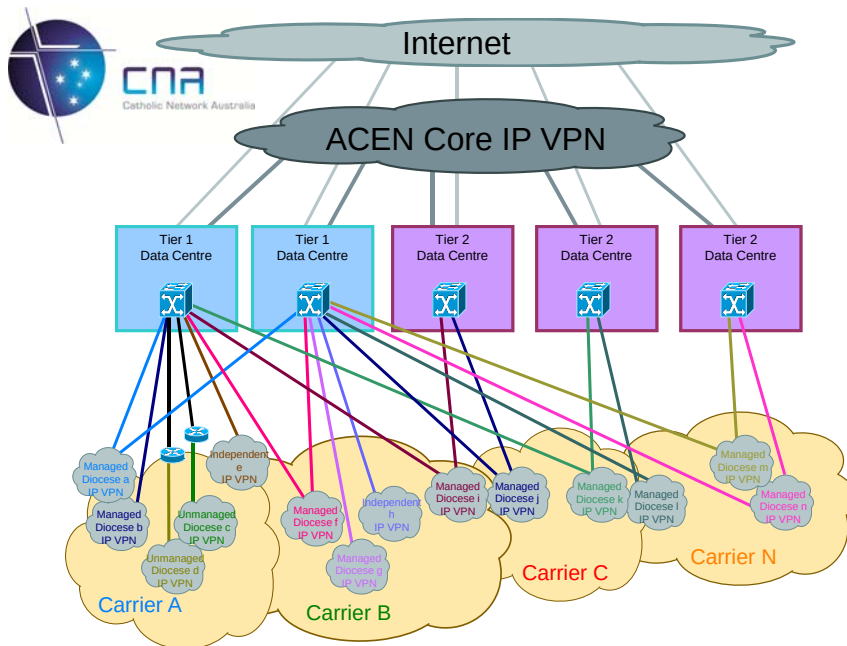
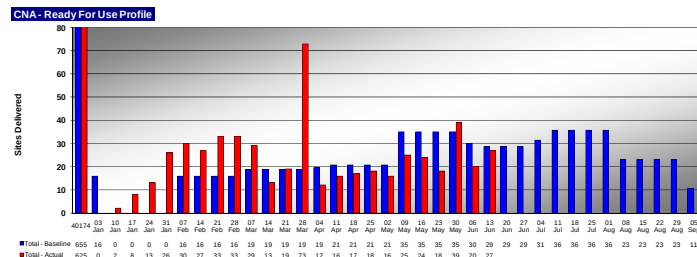




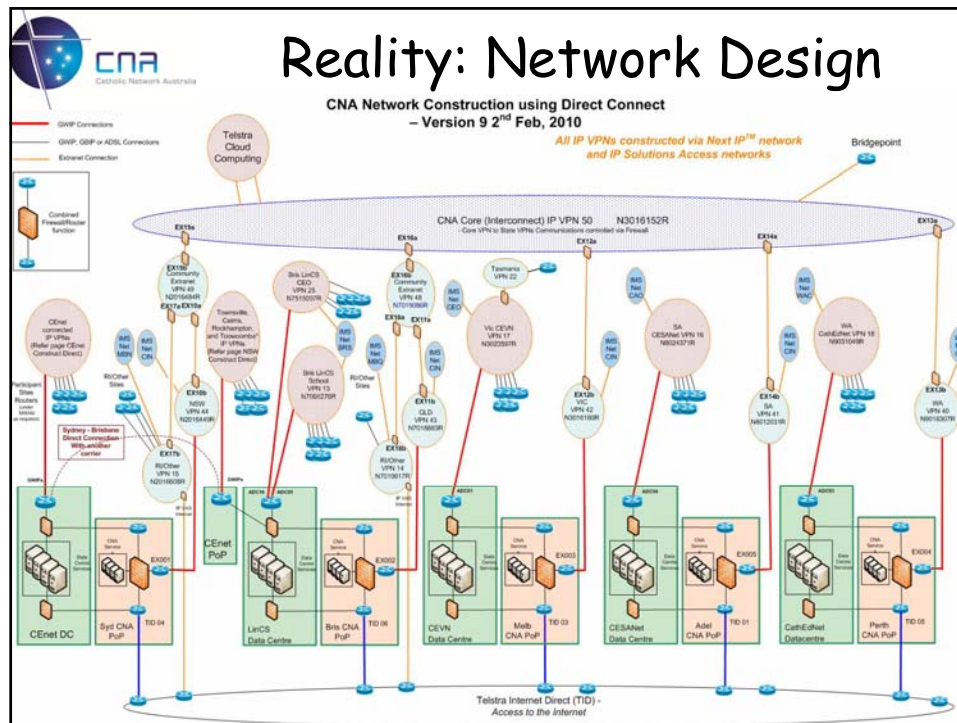
Construction Timelines

To deliver 1583 school sites according to the following delivery profile.
39 core services to support the network are to be delivered as part of
Batch 1

- Batch 1 - 790 sites (Aug 2009 to Mar 2010)
- Batch 2 – 568 sites (Cumulative 1358) (Apr 2010 to Aug 2010)
- Batch 3 – 58 sites (Cumulative 1416) (Sep 2010 to Mar 2011)
- Batch 4 – 113 sites (Cumulative 1529) (Apr 2011 to Aug 2011)
- Batch 5 – 54 sites (Cumulative 1583) (Sep 2011 to Jun 2012)

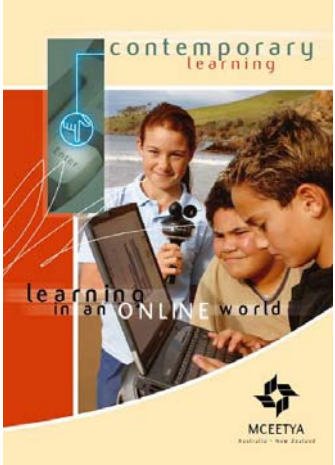


the plan

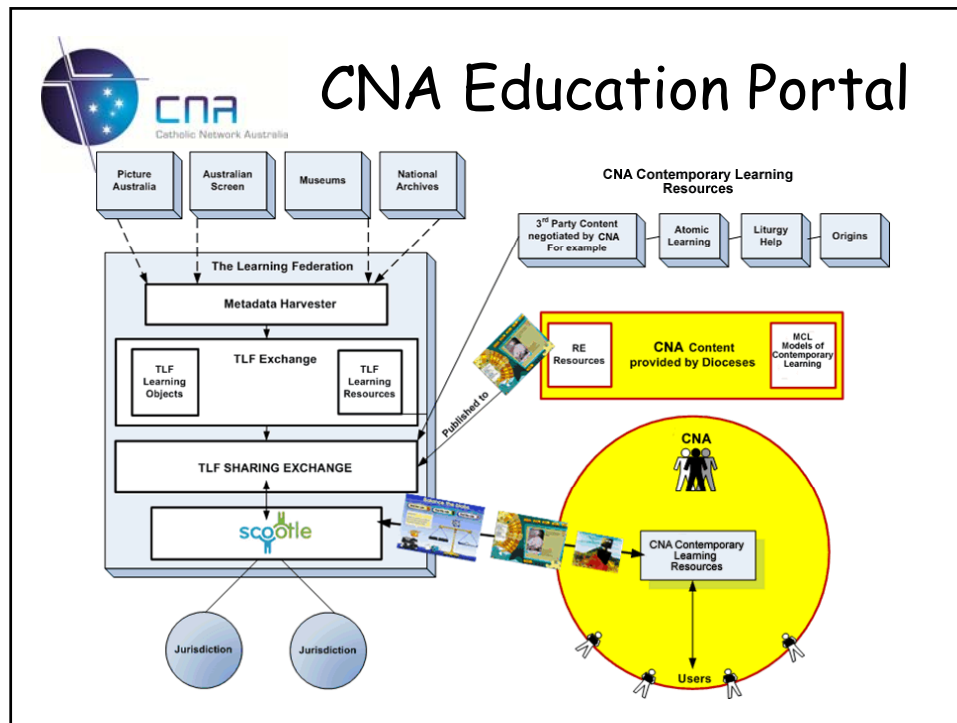


CNA - Education Services





- People
- Content
- Infrastructure
- Research
- Policy & reporting



Catholic Portal & Whitepages

[link](#)

The image shows three overlapping screenshots of the CNA Education Portal website. The top screenshot is the 'Welcome to the CNA Education Portal' page, featuring a navigation bar with links to 'HOME PAGE', 'ABOUT CNA', 'EDUCATION RESOURCES', and 'Catholic Education Directory'. Below the navigation bar, there is a 'USER' section with 'Contact Us' and 'Logout' links. The middle screenshot shows the 'Education Resources' page, which includes the 'scootle' logo and a 'CNA Education Portal' search bar. The bottom screenshot shows the 'About CNA' page, which provides information about the Catholic Network Australia and the Education Portal. It includes a 'NEED HELP?' section with 'Change Password' and 'Support' links. The footer of the bottom screenshot contains the text: 'Home | About CNA | Support | Copyright | Privacy | Copyright © 2010 Catholic Network Australia'.



Models of Contemporary Learning



[Birds](#)





Identity Management & Collaboration

WebSEAL

ITDS

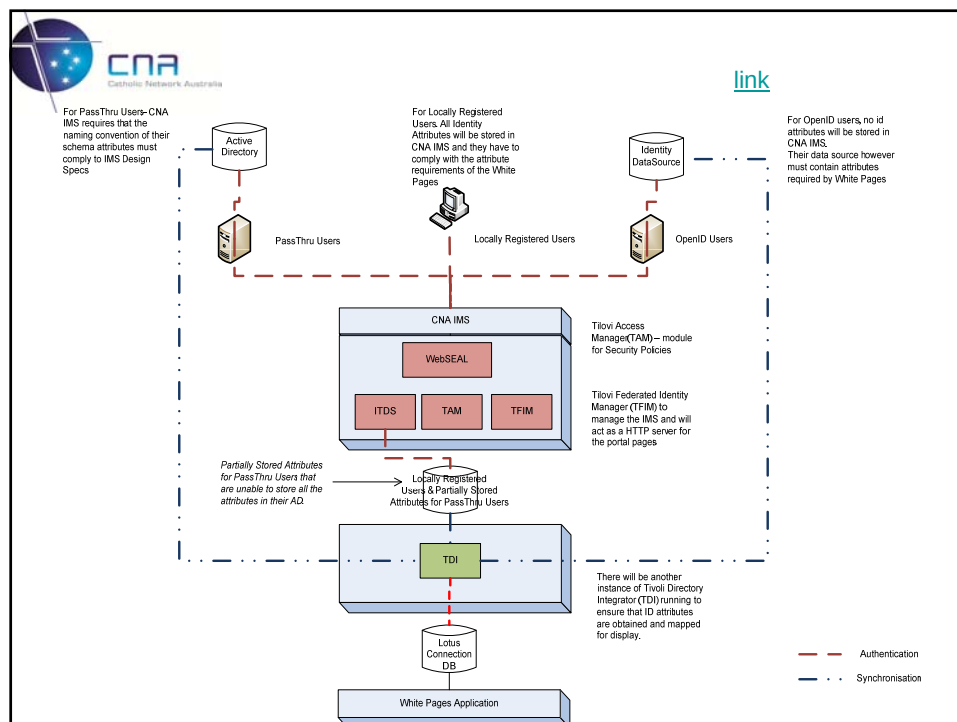
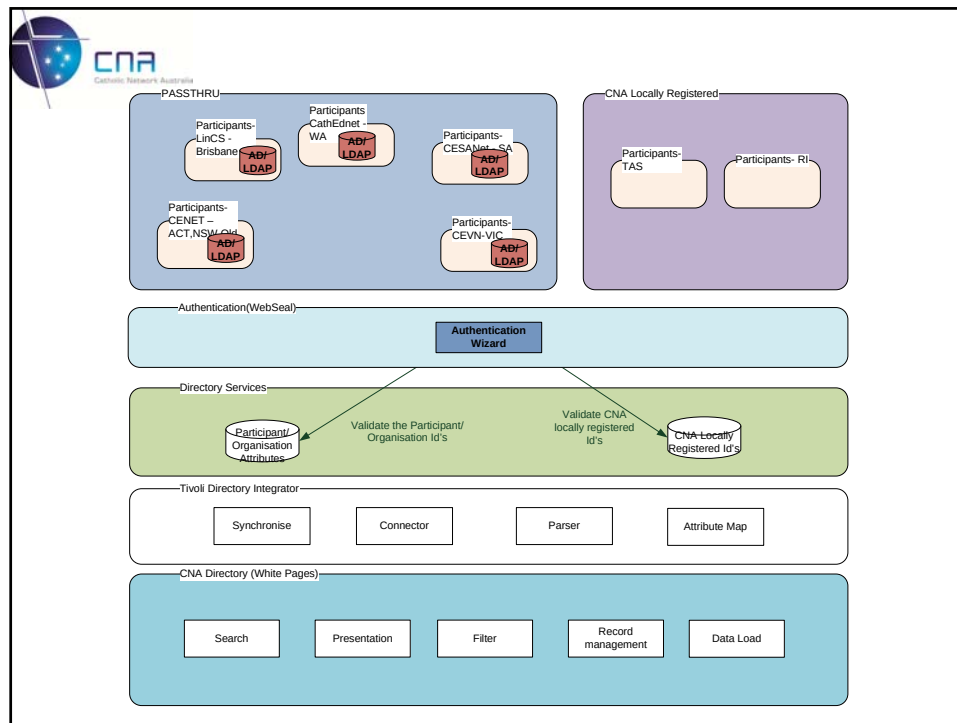
TAM

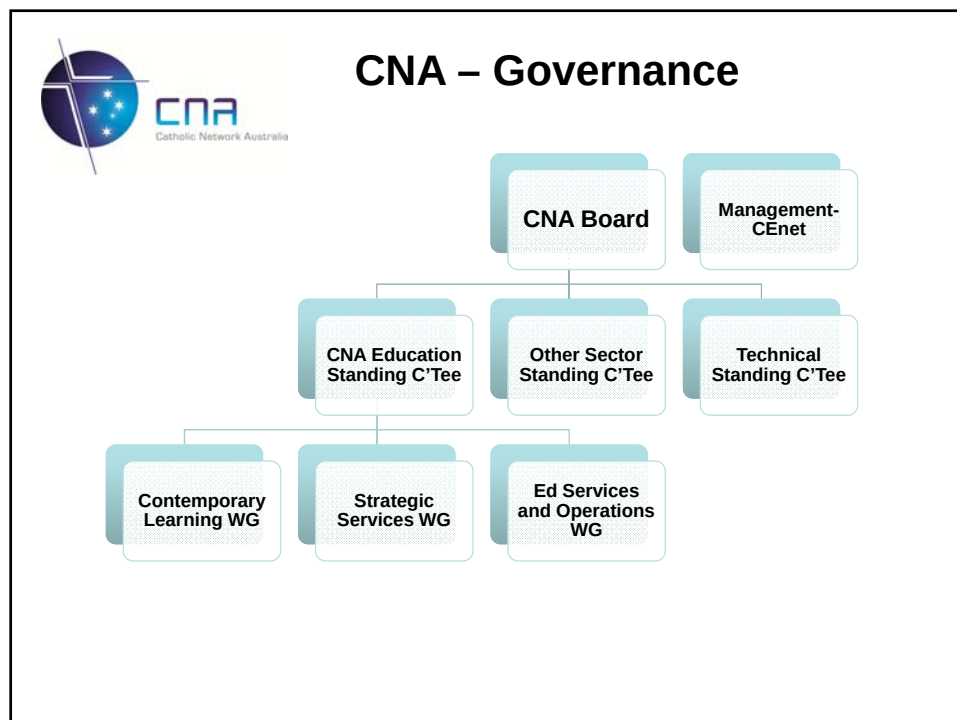
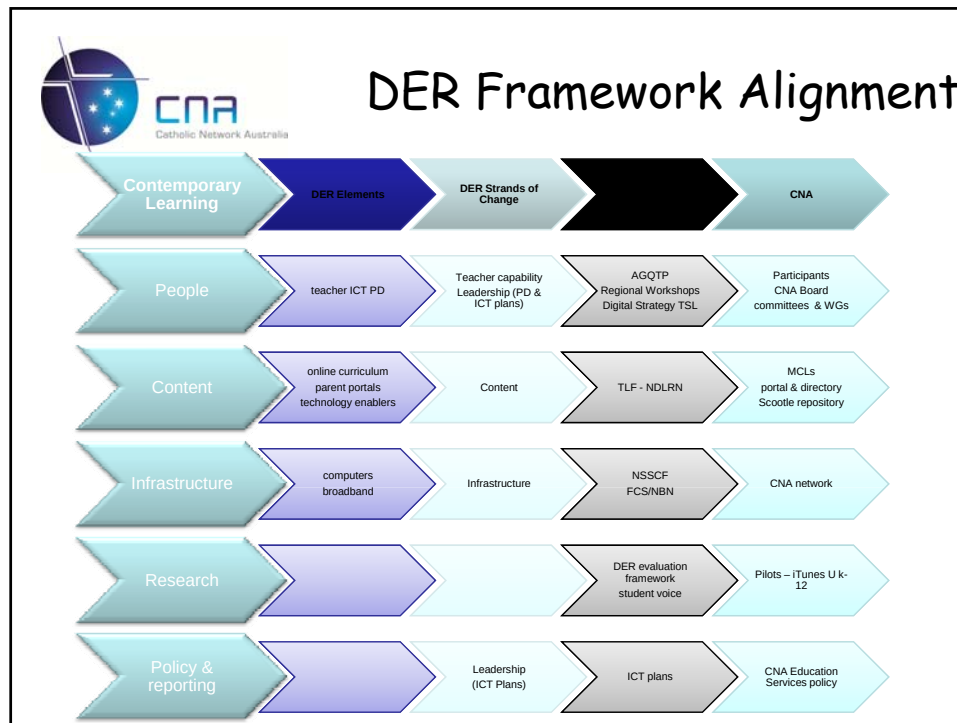
TFID



Lotus Connections

 Home page See what's happening across your social network → Learn more	 Blogs Present your own ideas, and learn from others → Learn more
 Files Find the people you need → Learn more	 Wikis Create web content together → Learn more
 Communities Work with people who share common interests and expertise → Learn more	 Bookmarks Save, share, and discover bookmarks → Learn more
 Activities Organize your work and tap your professional network → Learn more	 Social Stay in touch with your social network → Learn more
 Files Post, share, and discover documents, presentations, images, and more. → Learn more	 Social Everywhere Social networks are better when you can connect at anytime and from anywhere. → Learn more







A work in progress

- **Client Level Projects**
 - Client level software licences, applications or hardware (including video conferencing end devices) that could be aggregated at the CNA level
- **Enterprise Applications**
 - School administration and finance, payroll, assessment, learning management, virtual learning platforms, etc with purchasing be aggregated at the CNA level
- **Core Systems**
 - Core systems such as identity management, web filtering, application filtering, proxy services, email systems etc that could be purchased and aggregated at the CNA level
- **Research Projects**
 - Investigating the cost to CNA of programs of research which would inform the work of the CNA Education Standing Committee. This could include, at no cost to CAN, sponsorship of PhD students, in partnership with Catholic Universities to develop metrics, collect data and analyse data to measure the outcomes of CNA initiatives and to identify teacher competencies required for future pre-service, teachers and leaders in Australian Catholic schools
- **ICT Innovation Fund application**
 - Building school leaders and teacher capacity are key priorities
 - ACU and Notre Dame Universities are supportive of the submission and in principle, wish to contribute to the programs
 - Governance and Management structures for the initiative including an accountability framework for the whole project and sub projects are being developed.

