ARCHITECTING EDTECH with Paul Stacey at Educational Technology Users Group (ETUG) Spring Workshop, University of Victoria, June 8, 2010

This diagram depicts the major components of BC's educational technology landscape. Design your own edtech architecture using accompanying template.
Imagine you are a CIO. How would you combine and integrate technologies from these sources? Use the gaps between components to draw arrows connecting technologies.
What are the pros & cons of hosting everything in-house vs. external provision? What is the best overall strategy for managing a users digital identity?

BCcampus — connect.collaborate.innovate.

etuG

Personal Information Technology & Learning Environments

Personal Digital Identity

- E-Mail
- Gmail by Google
- Skype
- twitter
- Social Networks
- facebook
- Linked in
- Web Sites / Blogs / Bookmarks / Wikis
- WordPress
- YouTube
- flickr
- delicious social bookmarking
- Wikispaces

STUDENTS

FACULTY

Cloud Computing

Cloud computing delivers web-based software applications and data to computers and other devices on-demand in a dynamically scaleable way.

List the technologies you think are or can be provided through cloud computing in this box.

External Application Service Provider (ASP)

An external ASP provides computer-based services over a network with hosting, upgrades, 24 x 7 technical support, physical and electronic security.

List the technologies you think are or can be provided by ASP in this box.

System Wide Information Technology & Shared Services
(Doing what no one institution can do on its own)

Post Secondary System Digital Identity

- Web Sites
- Gateway

- EDUCATIONPLANNER.CA — EXPLORE YOUR POST-SECONDARY OPTIONS IN BC
- ita industry training authority
- BRITISH COLUMBIA | LearnLiveBC
- BRITISH COLUMBIA | StudentAidBC
- PAS•BC
- BCTRANSFERGUIDE.CA — Discover Your Transfer Options
- askaway... Real people. Real help.
- SCoPE
- LEARN TOGETHER COLLABORATORY — CONNECTING PEOPLE IN HIGHER EDUCATION
- Elluminate
- ADOBE CONNECT
- moodle
- Desire2Learn — Innovative Learning Technology

Institution Enterprise Information Technology

Institution Digital Identity
- Web Site
- Web Portal

Student Information System (SIS)
- DATATEL Colleague
- SUNGARD HIGHER EDUCATION — Banner/Luminus
- ORACLE PEOPLESOFT ENTERPRISE
- Other

Students
- Recruiting
- Academic advising
- Admissions
- Financial aid
- Student financials
- Registration
- Enrollment management
- Gradebook
- Student records

Staff
- Human resources & payroll
- Finance & business
- Facility management
- Advancement & fundraising

Library

Teaching & Learning Educational Applications

provided EXTERNALLY?
or by SYSTEM?
or by INSTITUTION?

AUTHORING	DELIVERY
New Content Web HTML Authoring	Learning Management System (LMS) (Blackboard, D2L, Moodle)
New Content Media Capture	
Existing Content Publishers	Web Conferencing (eg. Connect, Wmba, Elluminate
Existing Content OER	Blogs, Wikis
	E-Portfolio
	Audio/Video
	3D Immersive Environments
	Evaluation & Assessment