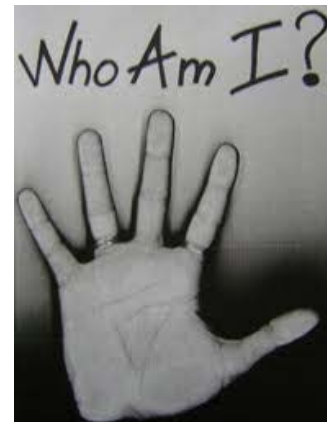


Improving identity management with and for NZ schools

- Highly devolved, self-managing school system
- 2,600 schools, each with a CEO and CIO
- Ministry investment in two approaches to IAM
 - Central (agency-based); and
 - De-centralised (school-based and focus for today)
- (How) will they come together?
- But is there a third, maybe hybrid way?



The Problem

LMS
Username:
Password:

Google docs
Username:
Password:

E-portfolio
Username:
Password:

Library system
Username:
Password:

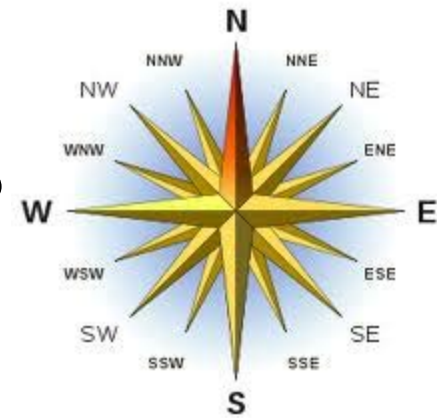
Parent Portal
Username:
Password:

Wiki Educator
Username:
Password:

Hosted SMS
Username:
Password:



Back to guiding objectives



To design and promote an

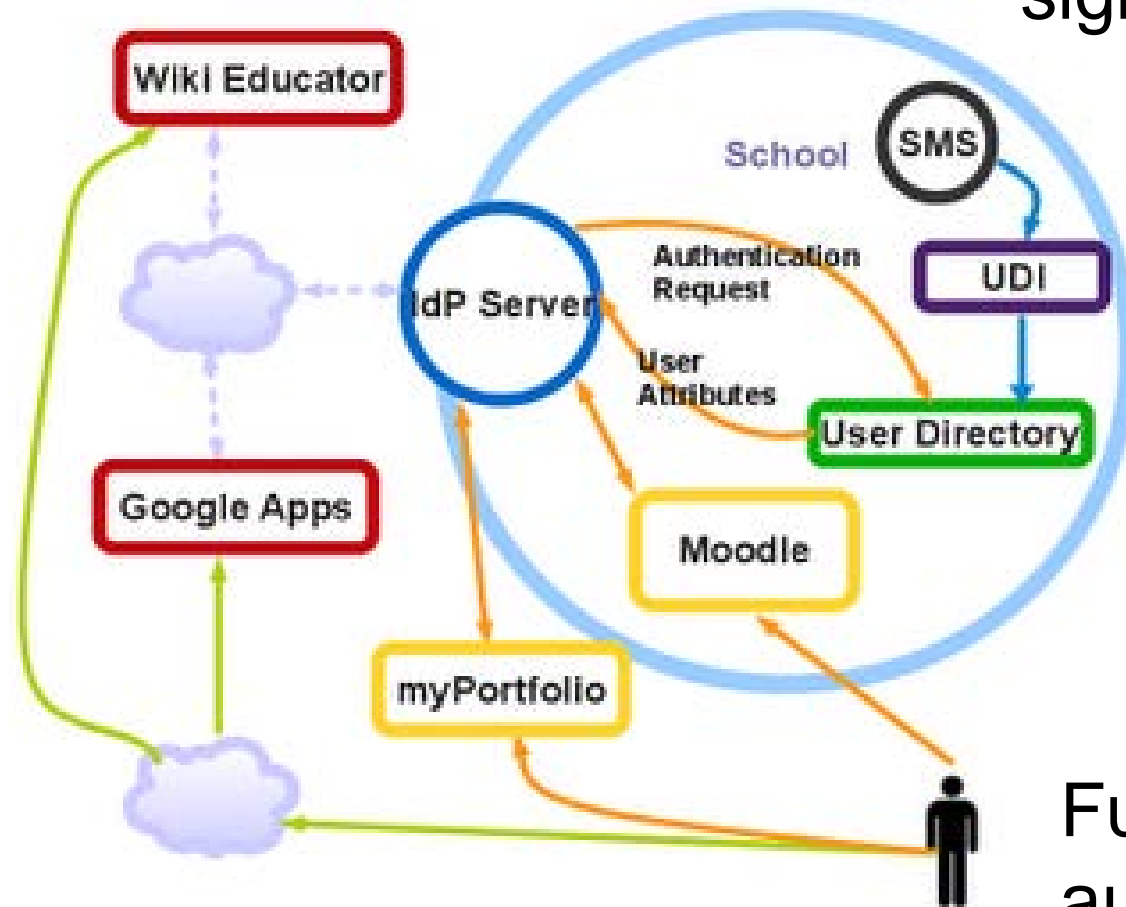
- educationally relevant
- open
- modular
- standards-based
- sustainable

approach to the development and use of managed learning environments for (NZ) schools

Our four cornerstones

Keep identity data at source

Actual single sign on



Distributed

Full automation

Is it happening yet?

- 150 schools & 100,000 users
- 27 connected services and more on the way
- Six shared IdP/log-on servers established
- Teachers and students using more services
- Mash up pages (eg parts of LMS, ePortfolio and library system on one page)
- Un-provisioned, authenticated access for parents
- Provisioning on first attempted authentication



Learning from

- [Feide](#) (Alan Bevan & Tore Hoel)
- [Tuakiri](#): NZ Access Federation



Sharing via

- Community site at www.iam.school.nz
- Technical forums [Techies for Schools](#)
- Regional seminars for schools and vendors
- Contributes back to OS communities

What can you borrow?

- Any of it (really)
- Most components and artefacts are freely available (openly licensed and/or open source)
- Our investment in [SAMLised serviced](#)
- Virtual box based demo system (see me for copies)



Recent thoughts

- Future of two Ministry approaches?
- Is identity singular or multiple?
- Is it enduring or passing?
- Age bias on “starting over”
- User-asserted cf institution assigned
- Porosity of boundaries between institution and user centric systems
- Incremental evidencing of identity
- Verified by process or relationships

