

CREATING A TECHNOLOGY PLAN

LOCAL TO PROVINCIAL SEAMLESS ACCESS

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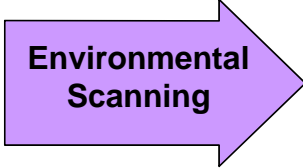
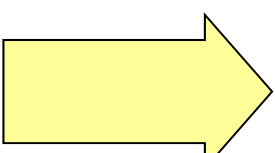
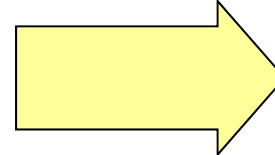
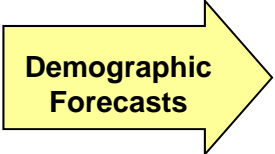
Drivers of a Plan

- **MLA Report**
 - **Efficiencies**
 - **Duplication**
 - **Vision of Seamless access for all Albertans**
To print, program, people & e-resources
of ALL publicly funded libraries
- **Changing Technology**
- **User Expectations**
- **Endless pot of money does not exist**
- **Leverage ?**

Public Library Community 3-Year Business Plan

INPUTS

TOOLS



Technology Planning Components



3 Year Business Plans
(Operational)

Where were We (1996)

- **Isolated**
- **Resourced or under resourced islands**
- **Roll of quarters & a payphone**
- **Some dialup**
- **Weak distribution of computers**
- **Poor cabling & wiring**
- **Low skill levels**

Where are We Now (2009)

- **APLEN**
- **CAP**
- **Gates**
- **Supernet**
- **Video conferencing**
- **Facebook & Twitter etc**
- **Bibliocommons**
- **ILSs (two vendors (?) many versions)**
- **MLA Report**
- **User expectations rising (?)**

Where are we Going (2010 >)

- **ONE ILS ??**
- **Centrally Managed IT support ??**
- **ONE Library Card ??**
- **Province Wide video conferencing??**
- **Books & the Digital World**
- **Micro**
- **User Expectations**

Where do we want to go

- **Enhance library service to the best of our ability**
- **Meet user expectations to the best of our ability**
- **Not go into bankruptcy**
- **Go forward as much as possible as a network**

Where is the technology Now

- Fibre optic
- Wireless
- Micro
- Applications growing for micro devices

Technologies You Can't Afford to Ignore

Top 10 Strategic Technology Areas for 2009

1. Virtualization
2. Business Intelligence
3. Cloud Computing
4. Green IT
5. Unified Communications
6. Social Software and Social Networking
7. Web-Oriented Architecture ..
8. Enterprise Mashups
9. Specialized Systems
10. Servers — Beyond Blades

Top 10 Strategic Technology Areas for 2010

1. Cloud Computing
2. Advanced Analytics
3. Client Computing
4. IT for Green
5. Reshaping the Data Center
6. Social Computing
7. Security — Activity Monitoring
8. Flash Memory
9. Virtualization for Availability
10. Mobile Applications

■ Modified for 2010

■ New for 2010

■ Dropped for 2010

Gartner.

Where will Technology Be in.....

- **How far ahead can we safely project**
- **Can not afford to be leading edge**
- **What are the influencing go forward factors**
- **How much risk can we take on**

What Services will be needed

- **Library Services on the go....**
- ?
- ?
- ?

How do we chart the course...

- **Create the general framework**
 - **ILS**
 - **IT Management**
 - **One Card**
 - **Seamless Access**
- **Buy-inApprovals**
- **Library Council**
- **GOV**
- **APLEN Steering Committee**
- **APLEN ANTIC**

How do we plan for...

- **USERS !!!**
- **Big Urbans**
- **Cities**
- **Systems**
- **Small Rurals**
- **As a provincial network or**
- **As individual components**
- **Or.....**

Factors to Consider

- **Demographics**
- **Population growth/decline**
- **Impact of the economy**
- **Availability of funding local/prov/other**
- **Human Resources available**
- **Positioning of libraries at the heart or on the edge**
- **Rapport with governments**

Elephants

- **To Supernet or not to Supernet**
- **Fibre or wireless**
- **Collaborate or not to collaborate**
- **Provincial funding or not**
- **Single ILS or.....**
- **Centralize IT or.....**
- **Local autonomy or provincial access**
- **Outsource network management ??**

Phases

- **ILS research the pros & cons – is it the right way to go**
- **If yes develop an implementation plan**
- **Centralized IT support**
- **One Library Card**