Digital Libraries
- An Update & The Way Forward -

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Evolution of Libraries
TECHNOLOGY Advances

WWW Explosion & Adoption

BLURRING of Boundaries

USER Sophistication

Key Driving Forces
The Result

Too Much Info, Products, Services
New Approaches
Too Many Choices

Drowning in Info
Starved of Knowledge
What People Actually Want

Anytime, Anywhere Access
Right Info at Right Time in Right Form
The Answer

Online Libraries
Info on Tap „„
aka Digital Libraries
So what did we do

- Online Catalogues & Databases
- Network of Borderless Libraries
- Digital Libraries
- Internet @ Libraries
- Virtual Communities
- Portals/Vortals
- Digitisation
- Content Creation
- E-Books
- E-commerce
Then what?

Still Too Much
Can’t Find
Still Lack of Satisfaction

New Issues, New Challenges
What Have We Learned of the Internet Era?

Do More?  Do Less?
Do Better?  Invent New?
Or ??
The CSFs

- Know What Business You Are In
  - Bear in mind the environment
- Need for A Clear Vision & Strategy
  - Library 2000
  - Digital Library Initiative
- Need to be a Concerted Effort
  - $1 + 1 > 3$
The Library 2000 Review Committee has highlighted the critical role that libraries can play in helping Singapore increase its competitiveness.

Role of Libraries

- Channel linking users to reservoirs of information
- Provide a stimulating environment for exchange of ideas
- Provide opportunities for informal learning

The Singapore Experience
The Library 2000 Vision

Library 2000
Expanding
Our Capacity to Learn

Human Resource
An Adaptive Public Library System

A Network of Borderless Libraries

Co-ordinated
National Collection Strategy

Quality Service
Through Market Orientation

Symbiotic Linkages
with Business & Community

Global Knowledge Arbitrage

Organisational Leadership

Technology
Mission: To Expand the Learning Capacity of the Nation
Service Philosophy

"To deliver a world-class library system which is convenient, accessible, affordable and useful"
LIBRARIES SERVING VARIOUS AGE GROUPS

- National Reference Libraries
- Regional Libraries
- Community Libraries
- Government Libraries
- Statutory Board libraries
- Private Sector Libraries
- School
- Univ.
- Pre school
- School/JC
- Tertiary
- Continuing Education

AGE

National Library Board
The Key Initiatives

- Improving business operations and services
- Exploiting technology
- Linking libraries & databases
- Promoting awareness and adoption
- Inculcating skills
TiARA
Timely information for All, Relevant & Affordable

- Library Services
- Information Services
- Ask Tiara
- Tiara’s children
- Helpdesk
- Infoliteracy programmes
Other Services

Media On Demand

Introduction
The Live Media service is your one-stop gateway to entertainment, infotainment and entertainment. You can enjoy a wide selection of audio-visual materials from documentaries to operas to feature films. Browse the titles for an informative and interactive experience.

Art Films Sports Documentaries

Quick Search

@the library
- NLB Homepage
- Reference Enquiry
- Electronic Books
- Newsletter @the library

virtual community
- student

electronic databases
- TIBA
- VEGAS
- Infotrends

media on demand
InfoXpress offers users an electronic encyclopedia about Singapore. It provides summary information and useful resources that are available in the National Library branches.

- If you would like to search for publications, please use our OPAC (Everybody’s Catalogue)
- If you would like internet access, please use our multimedia services.
- If you would like to make a Reference enquiry or speak to a Reference Librarian, please contact Reference Point at 3323255.
SVC Downtime on Thurs,
28 Sept,
8am to 10am

Hey all, SVC will be unavailable from 8am to 10am this Thursday (28 Sept) for a scheduled maintenance.

In the meantime, you might want to check out the new contributions to SVC Gallery by your fellow students.

SVC Administrator. 25 Sep 2000.

HOW CAN SVC HELP STUDENTS AND TEACHERS?

RESOURCE FILES
Project Work resources for students/teachers. References to books, newspaper articles, websites, AV materials. Includes book reviews, quizzes, and project ideas.

PROJECT SKILLS
Guides students on planning and...
From 27,000 in Nov97 to 285,000 in Mar 2000
Connections and Access
Broadband Links

World's First Singapore One

By Grace Chng

Singapore One, the nationwide broadband multimedia network, is now available to anyone who wants to subscribe to it.

Its commercial launch will be announced by Prime Minister Goh Chok Tong at the Asia-Pacific Economic Council meeting on the telecommunications and information industry today.

To get more subscribers, activities such as roadshows will be held over the next few weeks by the Singapore One service providers, Singapore Cable Vision and Singapore Telecommunications Limited.

The network is like a big data pipe which can transmit large signal packets at any time. Hence, it is ideal for applications which use video, animation, graphics and sound clips.

With the commercial launch, users here can have access to richer, more exciting and interactive content offered by the content providers on this high-speed, high-capacity network.

Users can also expect to pay for services, some of which have been offered free during the pilot project.

To hook up to Singapore One, users can subscribe to ADSL or cable services. About a year ago, the Prime Minister announced the pilot plan of Singapore One — one network for everyone. The plan has gone well with about 10,000 users tested, reached over 100 by end 1997. By year-end it will double to over 200.

There are many challenges to make Singapore One a viable business option, said the Na-
More than 550 PCs for public use

Usage

1995: 4,288 hrs per month
1999: 19,657 hrs per month
(358% increase)
• 120 PCs
• May 1999 to May 2000,
  > 51,000 persons trained

**ONE Learning Place at Toa Payoh Community Library**
Content and Services
Multi-Pronged Strategy

Buy Content
Licence Content
Develop Content
Organise Content
Distribute Content

Do It Ourselves,
In Partnership with Others, Through Others,
For US or For Others, Locally and Regionally
Our Experience

• Licensing Content
  – for our libraries (onsite and on network)
  – for other libraries
  – for TiARA, our flagship Digital Library initiative
  – extending to region

• Establishing Partnerships
  – Libraries & Content Providers
  – Government & Industry
What We Did

- Provide access
  - at our libraries
  - other libraries
  - homes, schools
- Link to content providers and Libraries
- Digitise and Make Available
Building Overseas Linkages

- National Library of China
- Shanghai Public Library
- British Library
- Russian State Library
NLB Vital Statistics (FY99)

- Membership : 1.7 million
- Visitorship : 19.7 million
- Loans : 24.7 million
- Collection : 6.8 million
- Online Dbs: > 500 databases
The Way Forward

- Interfaces & Collaboration
- Infrastructure for Connectivity
- Intermediary for Content
- Info-fluency Initiatives for Competence
NLB as a Gateway

CONTENT PROVIDERS

- Licensing
- Packaging
- Hosting
- Conduit

NLB Portal

Consumers
- Individuals
- Libraries
- Businesses
- Govt
Reading...Learning...Discovery

Library learns to put down the book and Xpress itself

WHERE THE ACTION IS

From coast appreciation to poetry in sign for the business-minded, it's all happening outside in the Courtyard

3,200 programmes
210,000 participants
Thank You