Library Information Anytime
Anywhere
http://lib.hku.hk/mylib@hand/

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Why pda delivery option?

- Libraries are in the information collection and distribution business
- We spend 27% of our collection development budget annually on electronic forms of information
- But just owning the information is worthless unless we can distribute it to our faculty and students.
Why a PDA delivery option?

- We distribute our electronic information via terminals in our Main and 5 branch libraries.
- We distribute it via the web.
- But because Hong Kong is a wireless society, with 83.5% of its citizens using a mobile phones, we decided that we should provide our students and faculty with access to our information resources using hand-held devices.
Wireless Technology is all around us

- In our homes
  - TV, VCR, camera, exercise monitors
- In our community
  - Octopus, mobile phone, Government ID cards
- In our offices
  - PC, LAN, wireless mouse
Wireless Hot Spots – the trend

Wireless Hot Spots: On the Rise

The number of public wireless access points in the United States in 2007 is expected to be 24 times the number available in 2002, according to market research firm The Yankee Group. By far the majority of these Wi-Fi hot spots are expected to be in densely populated areas.

Yet, myths abound about wireless technology that get in the way:

- It won't work.
- It costs too much.
- I don't know how to hook up a wireless network.
- Security
- Signal Strength
Over 200 Wireless access points have been installed on campus.

22 Wireless access points have been installed inside the Main Library.
Why a pda option?

- We believe our students will appreciate an information anywhere, anytime option.
- That they will appreciate the opportunity to download pieces of our content for study.
- That while pda’s won’t replace laptops (more than 80% of each new intake of students take part in our IBM laptop program), because they are smaller and lighter, they will be embraced.
Why a pda option?

• We believe that our mobile phone toting students will embrace the trend to combine mobile phones with pdas that can search the web, show movies, and provide all sorts of recreational diversions for the weary student.

• Therefore we decided the time was ripe to provide access to our content using these handy devices.
We begin with Palm because

- There are already large numbers of educational databases that have been adopted for PDA use.
- The Tungsten C is wireless and it can take advantage of the technology already in place at HKU.
- They were enthusiastic about wanting to partner with us to develop HKU Libraries-specific software.
Development history
- June 2002 we learn of Palm developments in medical circles
- September 2002 we meet with vendor
- January 2003 we issue a tender open to all pda sources
- April 2003 tender goes to Palm
- September software tested
- October 2003 program launched
Our Development Partners

- HKU Libraries partners with PalmOne, Syracuse International (donated software) and Sun Microsystems (donated server).
- Hong Kong’s first wireless LAN enabled Palm handheld solution to access library resources and services.
My Library @ Hand

HKU Mobile Gate

Library Contacts

Library Materials

Library Events

Let's you download information about the Libraries
Let’s you download information about the Libraries
My Library @ Hand

Mobile Gate
### Opening Hours

<table>
<thead>
<tr>
<th>Library</th>
<th>Monday - Friday</th>
<th>Saturday</th>
<th>Sunday</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main Library</td>
<td>9 am - 10 pm</td>
<td>9 am - 7 pm</td>
<td>1 pm - 5 pm</td>
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<tr>
<td></td>
<td>9 am - 11 pm</td>
<td>9 am - 7 pm</td>
<td>1 pm - 5 pm</td>
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<tr>
<td></td>
<td>9 am - 11 pm</td>
<td>9 am - 7 pm</td>
<td>10 am - 7 pm</td>
</tr>
<tr>
<td></td>
<td>9 am - 10 pm</td>
<td>9 am - 7 pm</td>
<td>Closed</td>
</tr>
<tr>
<td>Departments within the Main Library</td>
<td>9 am - 10 pm</td>
<td>9 am - 5 pm</td>
<td>Closed</td>
</tr>
<tr>
<td>Audio-visual Department</td>
<td>9 am - 5 pm</td>
<td>9 am - 5 pm</td>
<td>Closed</td>
</tr>
</tbody>
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**Mobile Gate**
My Library @ Hand

HKUL

Mobile Gate
Libraries Online Services: information accessed from the Libraries
My Library @ Hand

Libraries Online Information
My Library @ Hand

HKUL

HKUL: Selections

- E-Forms
- Dragon Search
- One-Stop Search
- Add SDI
- Delete SDI
- Submit Pending Request
- Dragon Search Result
- One-Stop Search Result
- SDI Result
- Dragon Export List

Libraries Online Information
You can prepare your requests well in advance before you access an Internet wireless hotspot.
You can search statement in Dragon, HKUL catalogue. You can choose to search in a specific field, e.g. author, title.
Search articles on a topic across several databases.
Select your subject discipline for alert services on any new publications.
Once you are within a wireless hotspot, submit your completed e-forms and search queries by tapping on Submit Pending Request.
The search results will be displayed for viewing at your palm.

Libraries Online Information
Next Phase …

- Reservation and recall of library materials
- View detailed journal abstracts
- Read full text e-journals
Technical details
Standard – Wireless LAN

- 802.11b – widely used
- 2.4 GHz range is globally available
- Speeds up to 11 Mbps
Standards

- IrDA
- GSM, PCS, CDMA
- 802.11a, 802.11g
- 802.11b
- Bluetooth