The wireless future has indeed arrived in NTU...and the Library! With the recent launch of the wireless network on campus, a number of our library services are now available via state-of-the-art NTUmobile. Students and staff are now able to use their mobile devices like mobile phones and personal digital assistants (PDA) to access these library services and many more besides from almost anywhere and anytime.

Currently, these are the library services available on NTUmobile:

- Search and check availability of library resources
- Check library accounts status (loan status, reservation status, fines)
- Place reservation on library resources

Other services and applications accessible include exchange services (email, contacts, appointments), checking of examination results and examination seating arrangements, the NTU telephone directory and the Orktopas WAP Portal, which allows users to search WAP content on the Internet or access other WAP content providers like AsiaOne(News) and iTranslator.

NTUmobile is accessible at http://wap.ntu.edu.sg.

More details on how to WAP ahead with NTUmobile can be found at this webpage: http://www.ntu.edu.sg/cits/ntumobile.
We would like to congratulate the following library staff who were married in January 2001:

Ms Goh Su Nee, on her marriage to Mr Michael Tan on 13 January 2001.

Ms Low Ke Khoon, on her marriage to Mr Goh Beng Hu on 20 January 2001.

Ms Vijaya Lakshimi, on her marriage to Mr Krishnan Saravanan on 28 January 2001.

Ms Kirsten Ng has been with the Library for two and a half years. During her stay with the Resource Department, she has helped many a patron hunt down answers to their queries and she is also one of the key layout designers of the Library Bulletin.

A true librarian who has a voracious appetite for books and learning, Kirsten has had many book sharing sessions with some of her colleagues and has also shared her experiences of life behind the information desk with the rookies. Kirsten left the Library on 10 March 2001. The Library would like to thank her for her contributions and we wish her all the best in her future endeavours.
Online References
Your Net Inheritance...

We have a new library webpage for geeks and non-geeks - Online References @ www.ntu.edu.sg/library/ref/ref.htm.

This site contains lots of links to nifty (and free!) online references put up by good folks. You will find dictionaries, encyclopedias and biographies so you don’t have to type a bunch of URLs to locate what’s where.

Go webbing now by clicking on a link. Fetch an address on an online directory or travel on a virtual map. It’s a small world after all.

Access to NTU and NIE Libraries

As in the past, NTU and NIE staff and students are granted access to the rich resources of NTU and NIE libraries. Now that NIE has moved to the Yunnan Garden campus, staff and students should find the prospect of interlibrary borrowing more attractive than previously.

First-time borrowers are required to register at the respective loan counters. They must produce a valid matriculation or staff card at the point of registration.

Borrowing privileges of NTU staff and students at NIE Library

<table>
<thead>
<tr>
<th>Categories</th>
<th>NTU Academic &amp; Senior Administrative Staff</th>
<th>NTU Part-time Academic &amp; Non-Academic Staff</th>
<th>All NTU Undergraduates &amp; Postgraduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Loan Period</td>
<td>28 days</td>
<td>21 days</td>
<td>21 days</td>
</tr>
<tr>
<td>General collection</td>
<td>1 day</td>
<td>View in Lib.</td>
<td>View in Lib.</td>
</tr>
<tr>
<td>Reference materials</td>
<td>1 day</td>
<td>View in Lib.</td>
<td>View in Lib.</td>
</tr>
<tr>
<td>AV materials</td>
<td>1 day</td>
<td>View in Lib.</td>
<td>View in Lib.</td>
</tr>
<tr>
<td>Loan limit</td>
<td>10 items</td>
<td>5 items</td>
<td>5 items</td>
</tr>
</tbody>
</table>
The following collections are not available for loan but may be viewed in the Library: Periodicals, Assessment exercises, Instructional materials, and Reserve (red-spot) books. However, an NTU student reading NIE electives is permitted to borrow Reserve books.

Fines for recalled items: $1.00 per day per item after three days of posting
Overdue fines: 30 cents per day per item

Borrowing privileges of NIE staff and students at NTU Library

<table>
<thead>
<tr>
<th>Categories</th>
<th>NIE Full-time &amp; Part-time Academic Staff</th>
<th>NIE Research &amp; Senior Administrative Staff</th>
<th>NIE Non-Academic Staff</th>
<th>NIE Postgraduates</th>
<th>NIE Undergraduates/Diploma</th>
</tr>
</thead>
<tbody>
<tr>
<td>Loan Period</td>
<td>Conference</td>
<td>Open shelf books</td>
<td>Periodicals: current</td>
<td>View in Lib.</td>
<td>View in Lib.</td>
</tr>
<tr>
<td></td>
<td>3 days</td>
<td>28 days</td>
<td>Overnight</td>
<td>Overnight</td>
<td>View in Lib.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Periodicals: current</td>
<td>View in Lib.</td>
<td>View in Lib.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Back issue (accessioned)</td>
<td>3 days</td>
<td>3 days</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Back issue (unaccessioned)</td>
<td>1 day</td>
<td>1 day</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Reference books</td>
<td>1 day</td>
<td>View in Lib.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Calendars</td>
<td>1 day</td>
<td>View in Lib.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Project reports</td>
<td>1 day</td>
<td>View in Lib.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Standards</td>
<td>3 days</td>
<td>View in Lib.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>AV materials (video, DVD, LD, VCD, audocassette)</td>
<td>7 days</td>
<td>3 days</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Multimedia CD-ROM &amp; music CD</td>
<td>7 days</td>
<td>View in Lib.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Loan limit</td>
<td>15 (Full-time)</td>
<td>View in Lib.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Loan limit</td>
<td>5 (Part-time)</td>
<td>View in Lib.</td>
</tr>
</tbody>
</table>

The Reserve (red-spot) book collection is not available for loan but may be viewed in the Library. However, an NIE student reading NTU electives is permitted to borrow Reserve books.

Overdue fines: $0.30 per day per item.
* Items with 2 hourly loan period: $0.50 per hour per item.
Bloomberg Professional Service, an online database, provides real-time pricing, data, history, news, analytics and research for global financial markets. The Bloomberg database comes with a special colour coded keyboard with a yellow coded key for each market covered.

The markets covered include government and corporate bonds, mortgage, money-market, indices, currency, commodities and equities.

**NEWS**

Bloomberg provides real-time news. There are many options for viewing the news - top world news, top news for regions, general Asian news, news on Singapore, news web pages, and a number others. To see the top news of the day, type `TOP` and press `<go>` (see Figure 1).

**Searching for news**

To search for a topic in the news section, just type in the keyword and press `<help>`.

For example, to do a search on earthquakes, type “earthquakes” and press `<help>`. You will get the following result as shown in Figure 2.

Select option 4 for news on earthquakes. Another way of searching for news by keyword is to type `TNI` followed by the keyword.
EQUITIES

This section covers a wide range of topics on a company such as Company Description, Balance Sheet, Income Statement, Earnings Analysis and Share Prices. The period covered in Income Statement and Balance Sheet varies from company to company.

To search for company information, type in the company name and press the <help> key. Another way is to press the yellow equity key to find the ticker symbol of the company and then search for the company information by using this ticker symbol.

Figure 3 shows an example of the type of information available for a company, e.g., Creative Technology, while Figure 4 shows the detailed information on Fundamentals and Earnings Analysis of the company.

Figure 3: Company information on Creative Technology

Figure 4: Fundamental and Earnings Analysis of Creative Technology

To search for company information, type in the company name and press the <help> key.
INDICES

In this section, you may find out which are the leading and lagging stocks in the market (see Figure 5). Other information available includes index member weightings, index description and historical data of the indices. Please see Figure 6 for an example of the Straits Times Index description page.

ECONOMIC STATISTICS

Bloomberg also provides economic statistics of various countries (see Figure 7).
For statistics on Hong Kong, type 29, after which, the screen on Figure 8 will appear.

Other information available in the Bloomberg database includes the bonds (both government and corporate), the exchange rates and the money markets. Please see Figure 9 for an example of the type of information available on Singapore government bonds.

Figure 8: Types of economic statistics available for Hong Kong

Figure 9: Singapore government bonds

AVAILABILITY

NTU Library subscribes to the full and partial Bloomberg database services. The full version comes with an API (Application Program Interface) which allows users to set up spreadsheets quickly and easily with DDE (Dynamic Data Exchange) links. With this software, users can download data needed and update them when required. Two Bloomberg terminals are now available in Library 1.

HELP

Users who have problems retrieving data/information from the Bloomberg terminals can seek assistance from the 24-hour Analytics Help Desk by hitting the “Help” key twice. They may also consult the resource librarians on duty at the Information Desk in Library 1 for assistance.

If you need more information about this database, please call the Information Desk in Library 1 at 790 6312 or email to resource1@ntu.edu.sg.
You sit bleary-eyed at your PC, tracking down every morsel of information you can find to bolster your research paper. Your topic - developments in China’s burgeoning telecom market.

You grimace, half-wishing your topic were on some industry in the G7 arena. The proliferation of information resources on these major players would make your search a breeze.

Wait. What is that new online database the resource librarian was touting about? Yes, *ISI Emerging Markets*. It spans over 35 emerging markets throughout Asia, Central and Eastern Europe and Latin America, doesn’t it?

*Listed as “the best online resource for business intelligence in Asia, Central Eastern Europe and Latin America” - Forbes (Summer 2000)*
You click *China* and using the Intellifind feature, you enter your keywords.

![ISI Intellifind interface](image1)

You can search across any country/countries, use *Boolean* logic and specify a suitable date range on ISI Intellifind.

Did Nokia win any contracts in the China telecom market in the past year? Blip. You retrieve 303 articles.

Integral to your research, you also need some statistics on China’s IT usage.

![Industry Focus interface](image2)

You pick that handy tool which brings up the most relevant information on the telecommunications industry and you have a neatly categorised and conveniently accessible single point of reference. It is as easy as that.

![Figure 1: The growth of Chinese online computers](image3)

*Figure 1: The growth of Chinese online computers (Unit: ten thousand)*


0.03 0.1 1.13 29.9 74.7 650

*Industry Focus search results*
Product Fact Sheet

The *ISI Emerging Markets* Service provides extensive, in-depth business intelligence on more than 35 of the world’s main emerging economies in Asia, Central and Eastern Europe and Latin America, all pulled together by a powerful search engine.

- **News**
  Major local wires, business and political news publications. Literally everything in the business media.

- **Company and Industry Data**
  Listed company annual reports and credit information on listed and private companies. Locally sourced industry and corporate profiles and statistics as well as research from local and international brokers.

- **Financial Markets**
  Market wrap ups sourced from local brokerages and wires.

- **Macroeconomic**
  Macroeconomic data from government bodies and other reputed sources. Regularly updated stock prices, foreign exchange rates and economic indicators.

- **Legal**
  Information on legal and regulatory developments, taxation, local opinion polls and politics.

Company Fact Sheet

Internet Securities, Inc., is part of the Euromoney Institutional Investor family of companies. Based in New York, USA, it currently operates through over 20 offices worldwide, staffed with local and international experts.

3.00 a.m.

You thankfully type that last word and *voila*, your crisp research paper is ready for submission.

Perhaps you would need an extensive coverage of the oil and gas industry in Guatemala for your next research paper.

Or special reports on investment risk factors on the Latin American horizon.

Or an analysis of the booming tourism industry in Turkey, a comprehensive introduction to the Baltic States, or recent amendments in the Estonian tax legislation.

Or credit ratings of prominent Southeast Asian companies.

But whether it’s an emerging economy in some far-flung corner of the globe or nearer home, you are likely to find these hard-to-find data on *ISI Emerging Markets* again. And again.

Campus-wide access to *ISI Emerging Markets* is available now. More details at [http://www.ntu.edu.sg/library/collections/db/lib2/isi.htm](http://www.ntu.edu.sg/library/collections/db/lib2/isi.htm). Please direct your queries to our Information Desk in Library 1 at 790 6312 or email resource1@ntu.edu.sg.
World Development Report CD-ROM

Chng Chor Noy
cnchng@ntu.edu.sg

Coverage


The 1998/99 and the 1999/2000 editions are electronic versions of the print copy. However, this is not true of the earlier editions which contain the text but not the tables and charts.

Contents

There are 2 sections in this CD-ROM. They are the World Development Report and the Selected World Development Indicators.

a) World Development Report

The first screen in this section (see Figure 1) shows the years covered together with the title of the World Development Report. Simply click on the year you are interested in to view the report.

Figure 1: Coverage of World Development Report in the CD-ROM edition
You will see the following screen when you click on the latest World Development Report. (Figure 2)

The table of contents of the publication is shown in the lower frame (see Figure 2). Select any item in the contents page and you will see the full text of the section displayed in the top frame of the screen. The figure in square brackets in the lower frame of the screen refers to the page number in the print edition.

Statistical tables are available in the section ‘Selected World Development Indicators’ in the 1999/2000 edition of the World Development Report. Click on the table to see its contents (see Figure 3).
b) Selected World Development Indicators

Click on the *Selected World Development Indicators* icon and the following table (Figure 4) will be displayed. This section offers a limited number of statistics.

For more detailed statistics, select the *Selected World Development Indicators* in the *World Development Report 1999/2000* issue under the *World Development Report* option.

```
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Albania</td>
<td>5</td>
<td>29</td>
<td>123</td>
<td>2.7</td>
<td>137</td>
<td>1</td>
</tr>
<tr>
<td>2. Algeria</td>
<td>30</td>
<td>2,382</td>
<td>13</td>
<td>46.5</td>
<td>50</td>
<td>1</td>
</tr>
<tr>
<td>3. Angola</td>
<td>12</td>
<td>1,247</td>
<td>10</td>
<td>4.1</td>
<td>121</td>
<td>1</td>
</tr>
<tr>
<td>4. Argentina</td>
<td>36</td>
<td>2,780</td>
<td>13</td>
<td>324.1</td>
<td>17</td>
<td>1</td>
</tr>
<tr>
<td>5. Armenia</td>
<td>4</td>
<td>30</td>
<td>135</td>
<td>1.8</td>
<td>156</td>
<td>1</td>
</tr>
<tr>
<td>6. Australia</td>
<td>19</td>
<td>7,741</td>
<td>2</td>
<td>300.6</td>
<td>14</td>
<td>1</td>
</tr>
<tr>
<td>7. Austria</td>
<td>8</td>
<td>84</td>
<td>98</td>
<td>217.2</td>
<td>21</td>
<td>1</td>
</tr>
<tr>
<td>8. Azerbaijan</td>
<td>8</td>
<td>87</td>
<td>91</td>
<td>3.9</td>
<td>125</td>
<td>1</td>
</tr>
<tr>
<td>9. Bangladesh</td>
<td>126</td>
<td>144</td>
<td>965</td>
<td>44.0</td>
<td>52</td>
<td>1</td>
</tr>
<tr>
<td>10. Belarus</td>
<td>10</td>
<td>108</td>
<td>49</td>
<td>22.5</td>
<td>61</td>
<td>1</td>
</tr>
<tr>
<td>11. Belgium</td>
<td>10</td>
<td>33</td>
<td>311</td>
<td>259.0</td>
<td>19</td>
<td>1</td>
</tr>
<tr>
<td>12. Benin</td>
<td>6</td>
<td>113</td>
<td>54</td>
<td>2.3</td>
<td>142</td>
<td>1</td>
</tr>
<tr>
<td>13. Bolivia</td>
<td>8</td>
<td>1,098</td>
<td>7</td>
<td>7.9</td>
<td>94</td>
<td>1</td>
</tr>
<tr>
<td>14. Botswana</td>
<td>2</td>
<td>582</td>
<td>3</td>
<td>5.6</td>
<td>107</td>
<td>1</td>
</tr>
<tr>
<td>15. Brazil</td>
<td>166</td>
<td>8,547</td>
<td>20</td>
<td>756.0</td>
<td>8</td>
<td>1</td>
</tr>
<tr>
<td>16. Bulgaria</td>
<td>8</td>
<td>111</td>
<td>75</td>
<td>10.1</td>
<td>94</td>
<td>1</td>
</tr>
<tr>
<td>17. Burundi</td>
<td>11</td>
<td>274</td>
<td>39</td>
<td>2.6</td>
<td>140</td>
<td>1</td>
</tr>
<tr>
<td>18. Cambodia</td>
<td>7</td>
<td>26</td>
<td>256</td>
<td>0.9</td>
<td>173</td>
<td>1</td>
</tr>
<tr>
<td>19. Cameroon</td>
<td>11</td>
<td>181</td>
<td>61</td>
<td>3.0</td>
<td>135</td>
<td>1</td>
</tr>
<tr>
<td>20. Canada</td>
<td>31</td>
<td>475</td>
<td>37</td>
<td>8.7</td>
<td>89</td>
<td>1</td>
</tr>
<tr>
<td>21. Chad</td>
<td>3</td>
<td>623</td>
<td>6</td>
<td>1.0</td>
<td>170</td>
<td>1</td>
</tr>
<tr>
<td>22. Central African Republic</td>
<td>7</td>
<td>1,284</td>
<td>1</td>
<td>1.7</td>
<td>160</td>
<td>1</td>
</tr>
</tbody>
</table>
```

*Figure 4: Selected World Development Indicators 1999/2000*

**Availability**

This CD-ROM is available via GEMS workstations.

**Contact**

If you need more information on this database, please call our Information Desk at 790 6312 or email us at resource1@ntu.edu.sg
The library has subscribed to the *Accounting and Auditing Library* - International Standards on Auditing & Related Services (ISA9/99) CD-ROM.

The guide to International Standards on Auditing & Related Services is written by Dan M. Guy (Ph.D., CPA) and D.R. Carmichael (Ph.D., CPA, CFE). It covers all ISAs on audit, agreed-upon procedures, review and compilation engagements, and the international code of ethics for professional accountants.

Access to the CD-ROM is available in Library 1. For more information, please contact the Information Desk at Tel: 790 6312, email: resource1@ntu.edu.sg or check out this website: [http://www.ntu.edu.sg/library/collections/db/lib2/aal.htm](http://www.ntu.edu.sg/library/collections/db/lib2/aal.htm) for additional details.
We received an email recently from Sharon Gan, NTUSU SRO, regarding use of the new PCs in the Library:

——Original Message——
From: Sharon Gan [mailto:sharon.g@pacific.net.sg]
Sent: 17 February 2001 00:20
To: ccwong@ntu.edu.sg
Subject: library computers

Hello Mrs Wong,

This is for your attention. It’s from the NTUSU public folder. Please advise.

Thank you,
Sharon Gan
NTUSU SRO

——Original Message——
From: #RAZLAN SHARIFF MANJAJI#
Posted At: 2/16/01 12:31 PM
Subject: New PCs in Library One

Hello!
To my amazement I noticed that most, if not all the PCs in Library 1 are functioning and equipped with CD-writer! It is indeed a good thing that now we don’t have to cramp to use the few ones available in the South Spine Computer Lab.

But yesterday, I went to the library to try the new PCs and to my dismay, I noticed a single person occupying FIVE computers to use the CD-writer! This is ridiculous. Perhaps the new guidelines governing such use has not been put up yet, hence the misuse.

I propose that notices advising proper usage of these PCs by library users should be put up. Hogging a PC - for example, as in occupying a PC when you are reading a newspaper! - should be a big no no.

I understand that a system of limiting usage to one hour is inflexible, but if such notices are put up, the users are aware that they are misusing the PCs. Other users who notice such an irresponsible act should act promptly and ask the person to move away. If the person proves to be difficult, ask the librarian for help.

Such misconduct can only be prevented if the rest of us stood up for each other to show what they are doing is wrong and they cannot get away from it with their ‘boh-chup’-ness.

——Original Message——
From: Wong Chin Choo
Sent: Saturday, February 17, 2001 8:55 AM
To: ‘Sharon Gan’
Subject: RE: library computers

Dear Sharon
Thank you for forwarding the feedback from Razlan.
We have already instructed our staff to supervise the use of the new PCs in the Library. Other means to prevent abuse will be implemented as soon as possible. We do appreciate Razlan’s call to students to do their part in preventing abuse of the use of the PCs. I hope they will act as suggested by him to bring acts of misconduct to the librarian’s notice.
Please convey our thanks to Razlan for being a “friend of the Library”.

Wong-Yip Chin Choo
Deputy Librarian