

IP Data Base Management

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Director

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- President

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05/18/98

Information, Communication, & Application

Collection

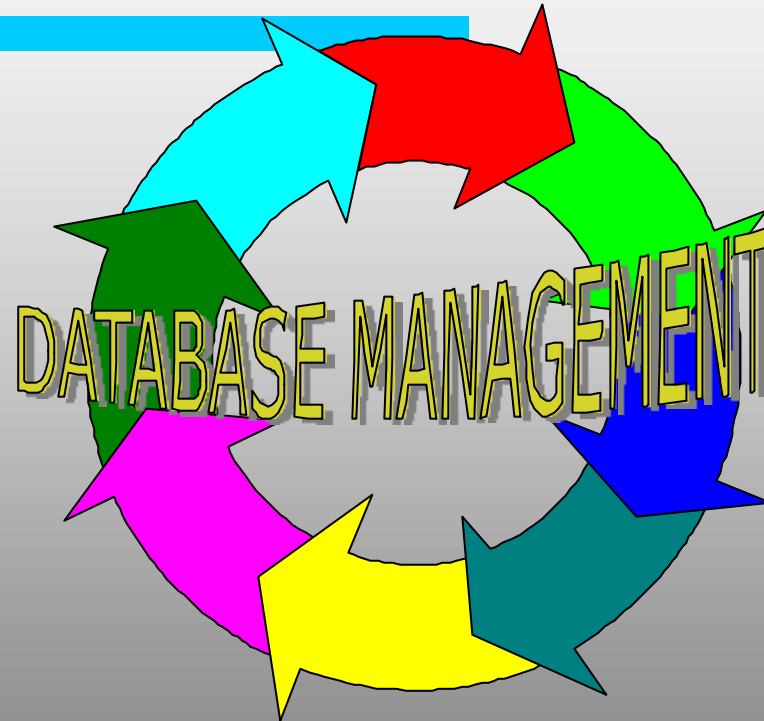
Distribution

Application

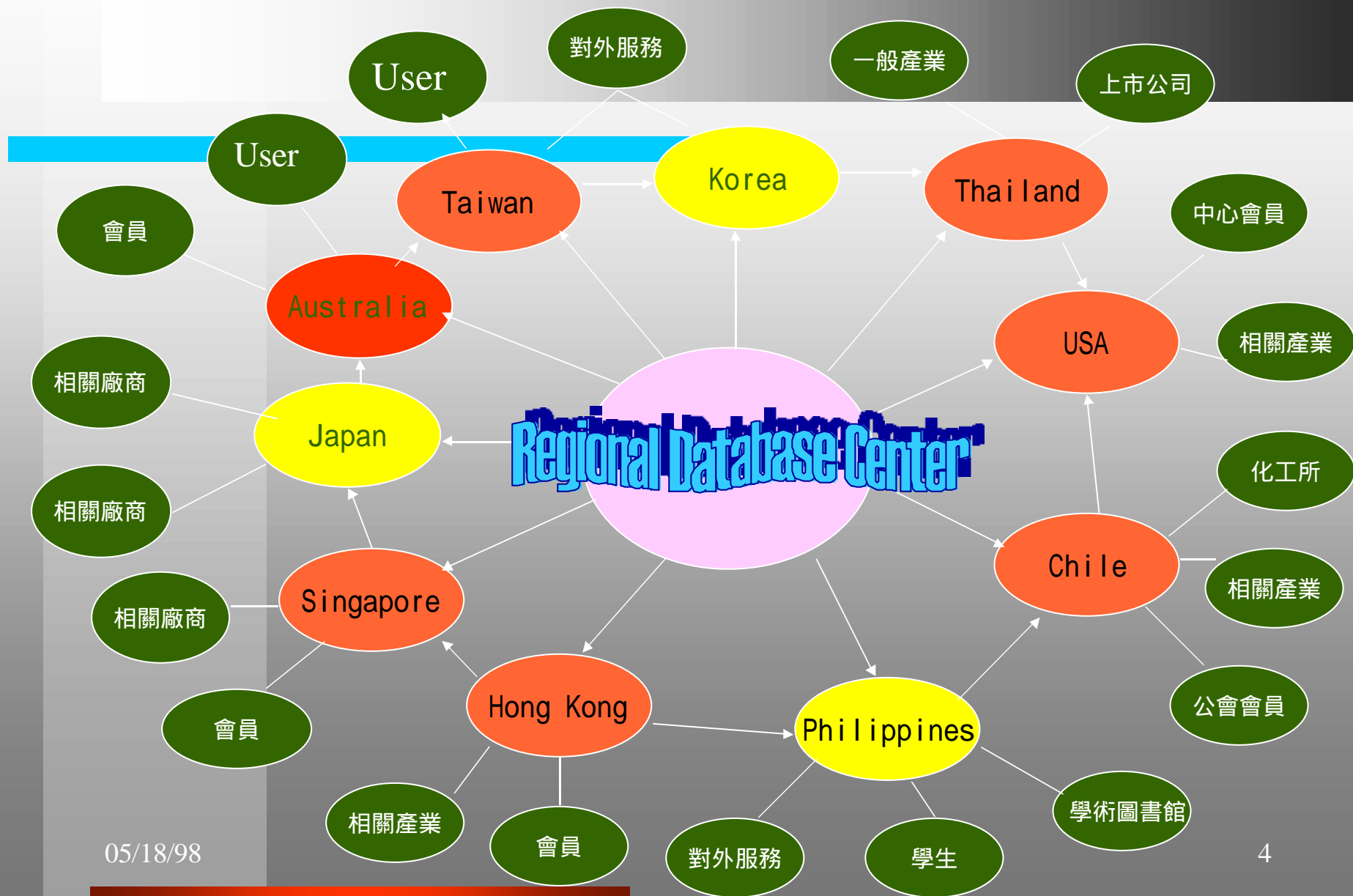
Management

Internet/CARRIER

Database



21st Century Information age



Goal & Objective of APIPA

- Establish an IP data base in Asia
- Provide industries with accessible database information
- Cover all IP information
- International services
- Internet content provider

IP service

★ Service

- ⇒ Internet access by members
- ⇒ Local contact centers (IPIC)
- ⇒ FAQ database on-line services
- ⇒ ATIPS customer services

★ Value added service items

- ⇒ Customized database storage
- ⇒ Special patent search report
- ⇒ Customer patent application search

NT system Software function

User interface

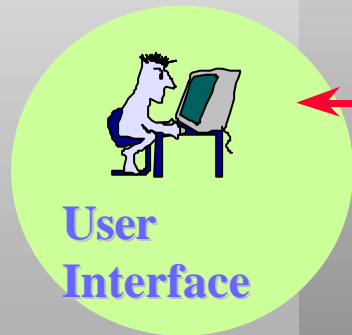
Security

Search Engine

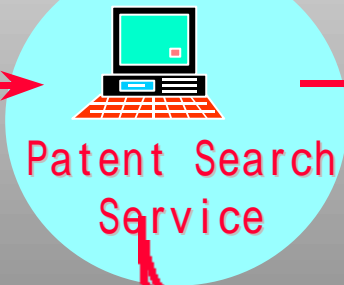
Billing

Administration

Information Maintenance

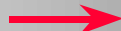


User Interface



Patent Search Service

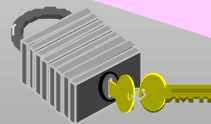
source



Database maintenance system



Search Engine



Security



Billing

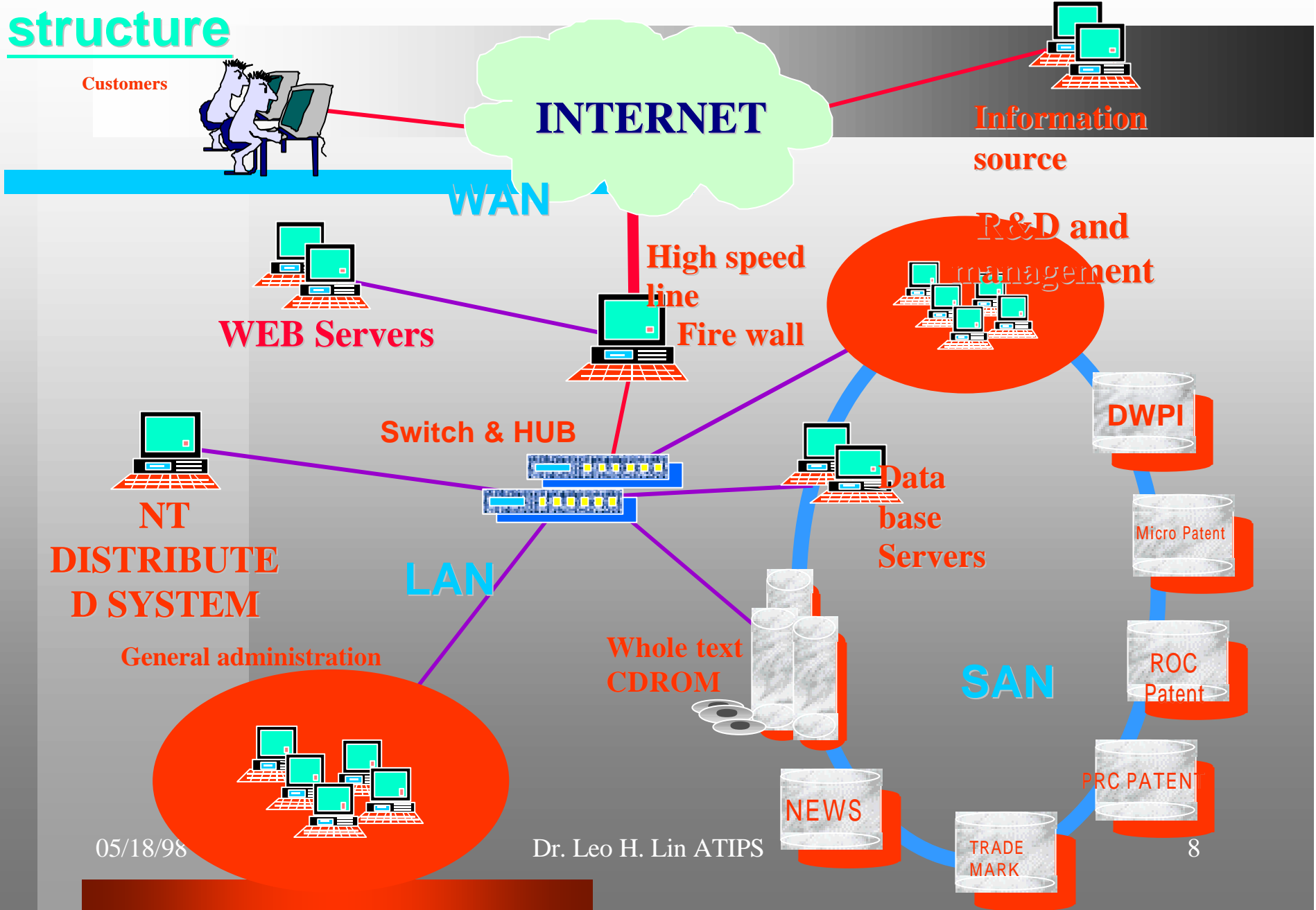


Administration



Database

Hardware & network structure



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Technology

- **New technology being used**
 - Search Engine developed by APIPA
- **ROC patent content**
 - Establishing patent on line
- **PRC patent content**
 - Patent on line

SEARCH ENGINE

Information system

✱ Keep original integrity

✱ UNICODE CAPABILITY

✱ Easy maintenance & management

Search function

✱ Three basic search modules

✱ High speed & complete

General Index

- ✓ Patent number
- ✓ Application number

Whole text index

- ✓ Patent title
- ✓ Scope of patent

Special Index

- ✓ IPC
- ✓ APPLICATION DATE
- ✓ COUNTRY

SEARCH FUNCTION

SEARCH TIME COMPARISON

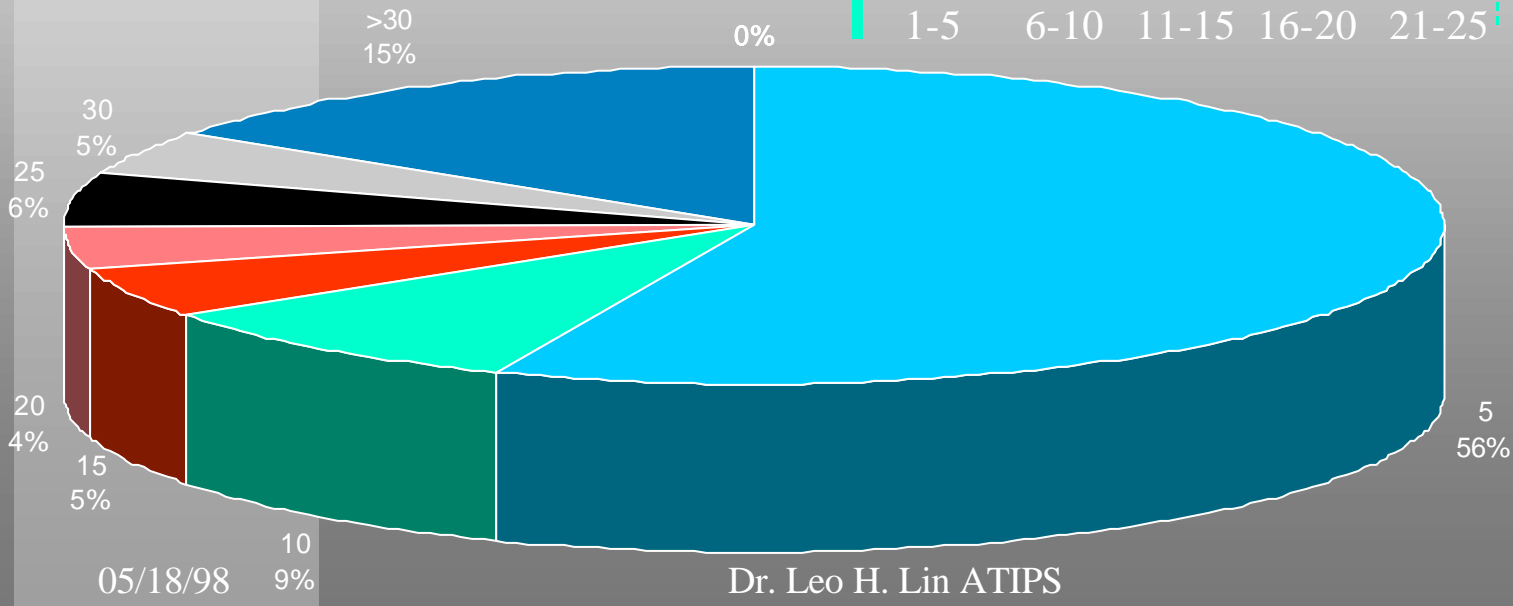
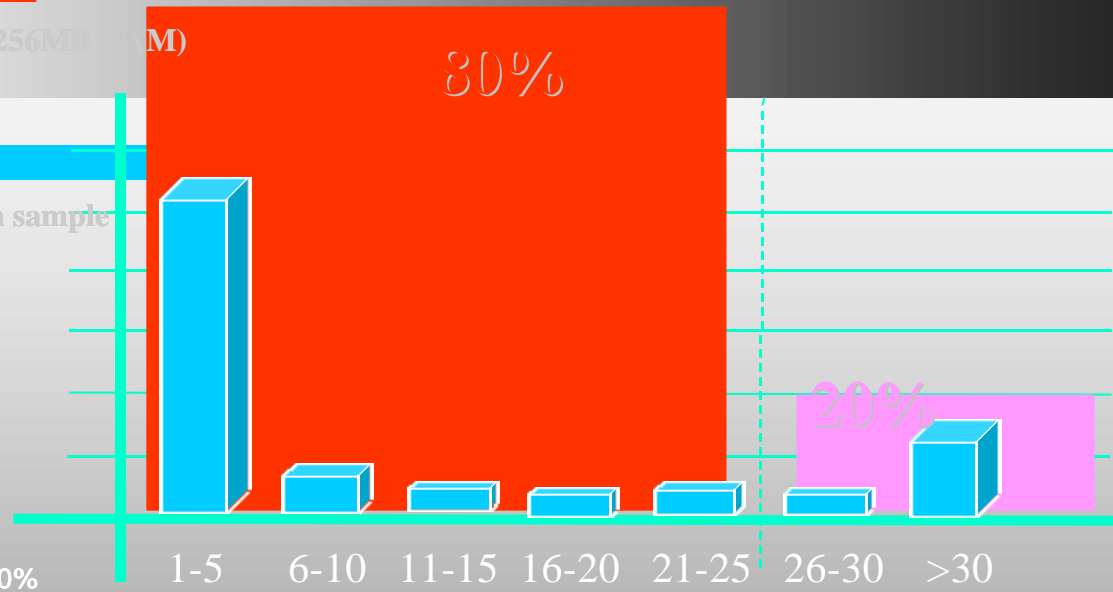
SUN Sparc Server 1000E WORKSTATION (2CPU, 256MB RAM)

30 x 2GB Sparc Storage Array (RAID 5)

8 Million DWPI patent information

Search end: multiple user, multiple machine, random sample

Record for 1000 search items



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APIPA DATABASE SERVICES

- ✦ Provide Complete IP database to industries in Taiwan
- ✦ Promote IPR and establish IP asset management concept
- ✦ Promote usage of IP asset
- ✦ Share the database with neighbors in Asia Pacific region
- ✦ Enhance industrial technological strength and exchange with other members

Current Status

- Over 100 industrial users in Taiwan
- DWPI worldwide patent indices
- Taiwan Patent on line
- PRC patent on line/whole patent
- IP information-news on line
- Membership services
- New Search Engine