

# IP Data Base Management

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May 18, 1998



05/18/98

# Information, Communication, & Application

Collection

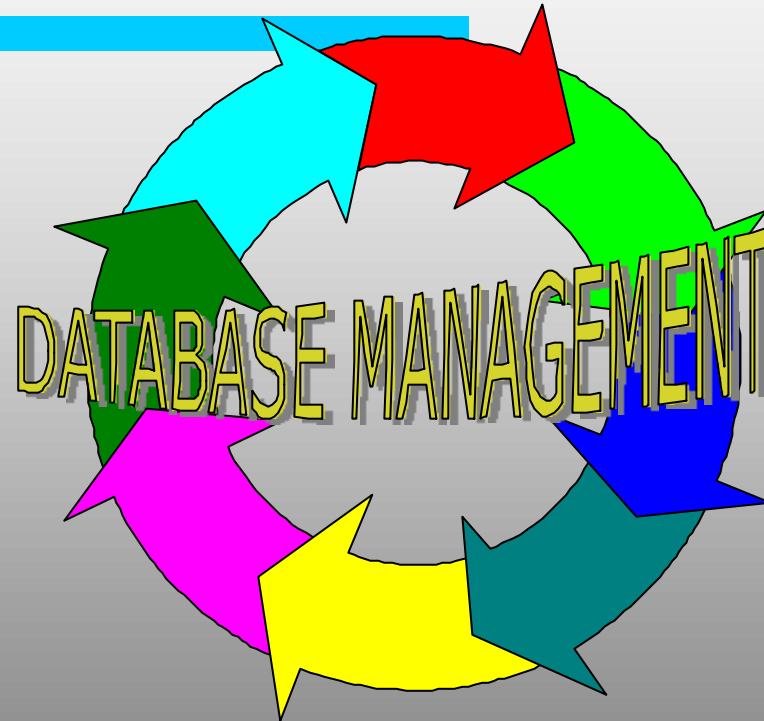
Distribution

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

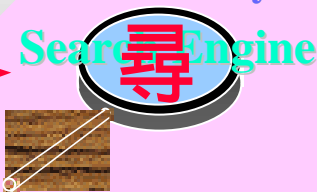
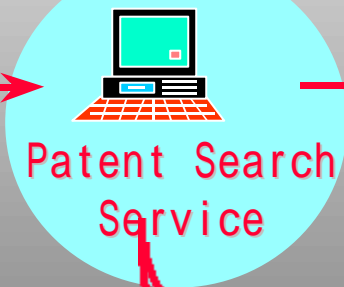
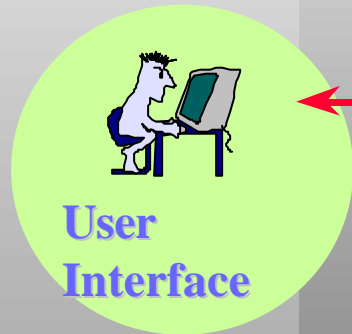
☞ Security

☞ Search Engine

☞ Billing

☞ Administration

☞ Information Maintenance

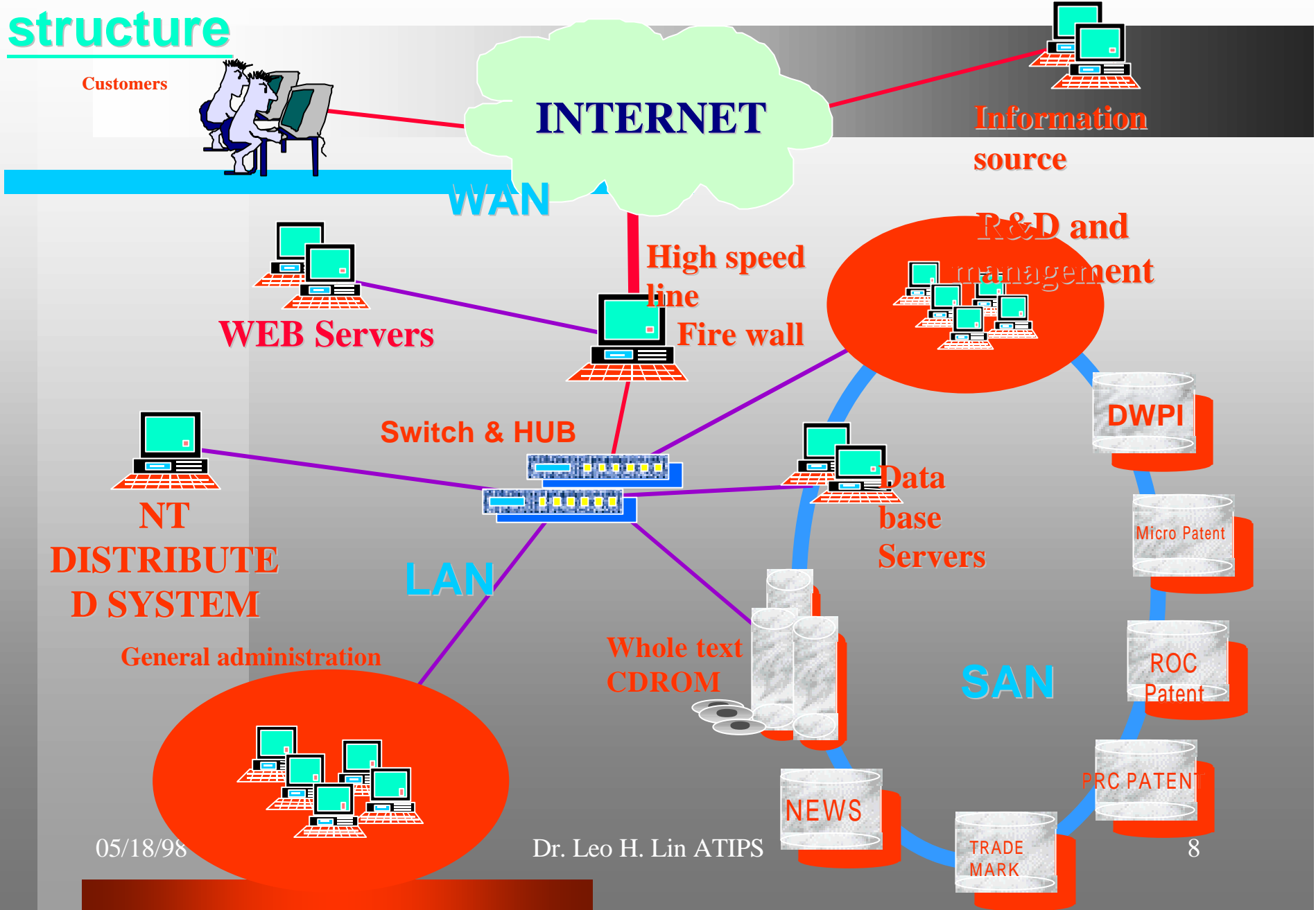


**Database maintenance system**



source

# 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

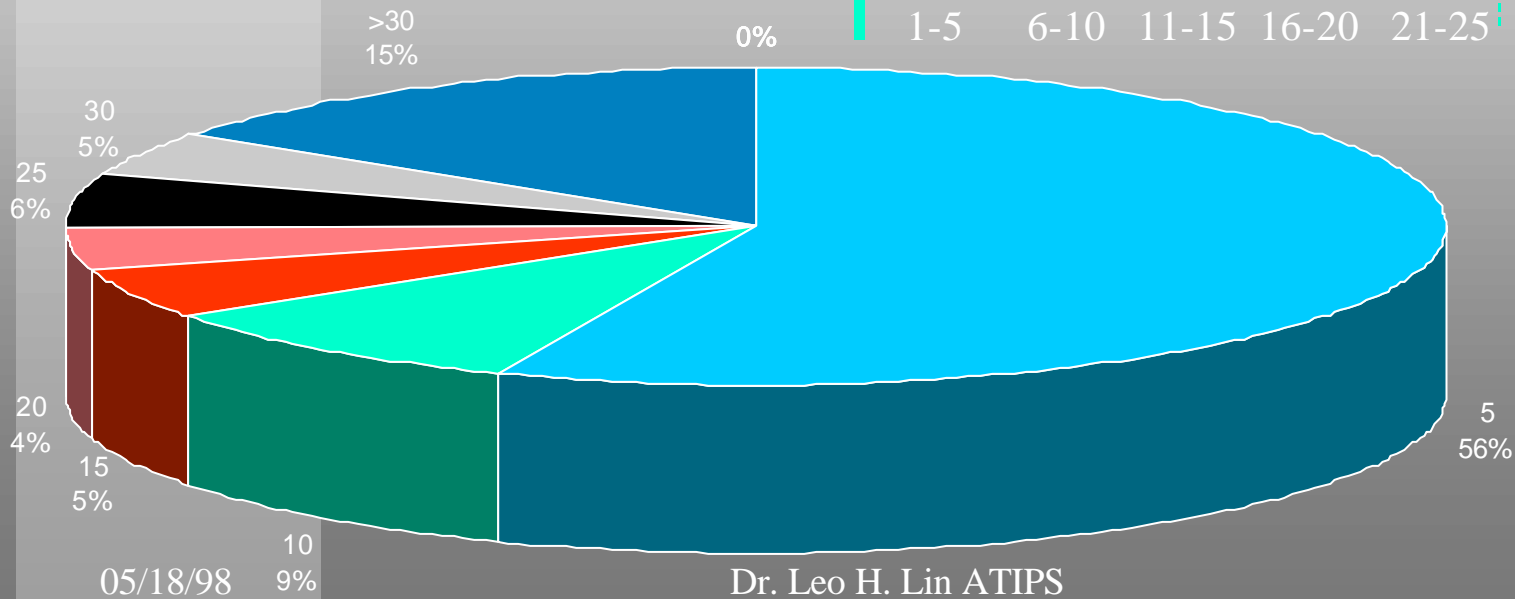
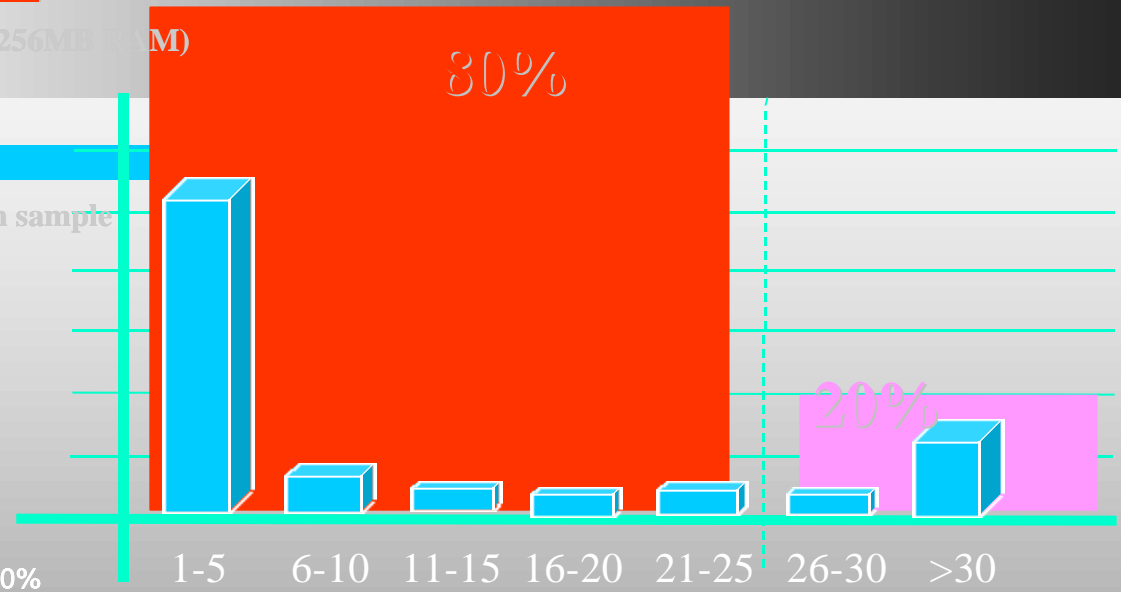
SUN Sparc Server 1000E WORKSTATION (2CPU, 256MB RAM)

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