

CASEMaker[®]

DBMaker Case Study

Customer: Syscom Computer Center

System: MIS System

System Purpose

The Syscom group currently has over 730 employees. To reach the goal of “office automation”, as well as a “paperless office”, it was necessary to make the communication channel smooth and to raise the efficiency. With DBMaker as the back-end database management system, Syscom is able to manage and exchange all kinds of documents through the network and fulfill various requirements of the MIS systems.

System Architecture

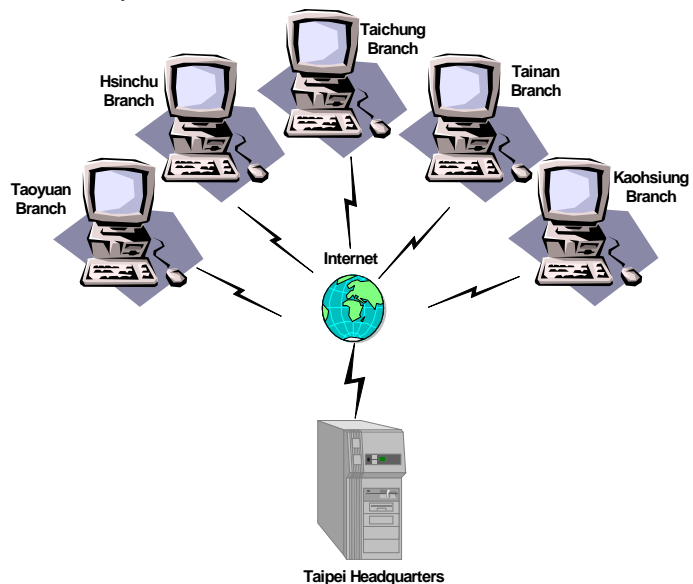
Hardware:

Server--

DG-AV3600 + DG-AV3650 (cluster)

Disk Array--

DG-CLARiON 1000 with 9GB HD * 6



Software:

Item	Name
Database Server Operation System (Server OS)	DG/UX Release R4.20MU02
Workstation Operation System (Client OS)	Windows 95/98/NT
Network Server Operation System	Windows LAN?TCP/IP
Database Management System (DBMS)	DBMaker 3.0
Other	ACUCOBOL version 3.2.2 + ACU4GL for ODBC

Development Tool & Period

Development tool: Acucobol

Development period: 32 man/month

On-line Date

September 1998

User Number

Non-peak hours: 70 users; peak hours: 110 users

Data Volume

Total table number: 350; total record number: 5 million; current total data volume: 2 GB.

Access Speed

Response time: 3 seconds in peak hours

Benefits

- Reduce time needed for exchanging documents and reduce the possibility of losing documents
- Strengthen the capability to file and manage documents
- Reduce business operation cost and environmental pollution by decreasing volume of paper used
- Provide more accurate control over inventory
- Off load secretarial task because every employee can query various data through computer/network directly
- Enhance the communication channel between employees and the management level