

# **CASEMaker**<sup>®</sup>

## DBMaker Case Study

**Customer:** Bureau of Fishing Affairs

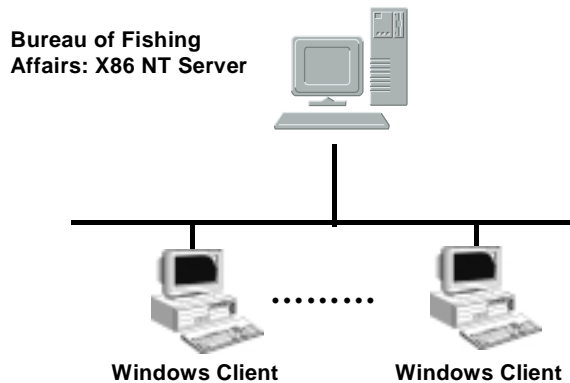
**System:** Management System of Fishing Harbors

### System Purpose

The target of this system is to provide maintenance and inquiry functions on the information of Taiwan fishing affairs. Fishing information includes harbor relation chart, harbor natural environment (rain volume, wind velocity, tide, etc.), harbor environment (major harvest and harvest value) and engineering projects. This system consists of three sub-systems: Data Inquiry System--allows the users to inquire about the data of Taiwan fishing harbors; Data Maintenance System--allows the system administrator to add, delete or modify data; Data Structure Management System--allows the system administrator to management data under a tree structure.

### System Architecture

Hardware: Pentium PC



Software:

Item	Name
Database Server Operation System (Server OS)	Windows NT 4.0
Workstation Operation System (Client OS)	Windows 95/98
Network Server Operation System	Windows NT 4.0
Database Management System (DBMS)	DBMaker 3.0

### Development Tool & Period

Development tool: Delphi

Development period: 6 man/month

### On-line Date

May 1997

### Data Volume

Currently the database includes information of harbor relation chart, harbor natural environment (rain volume, wind velocity, tide, etc.), harbor environment (major harvest and harvest value), and engineering projects.

There are more than one million records in total.

### Benefits

- Computerized control over all fishing information saves manpower when managing historic data
- Ability to do complex queries
- Increased understanding of current fishing information and ability to predict future trends