

# GIS and MIS in Transport Data and Model Center Project (TDMC)

Client:

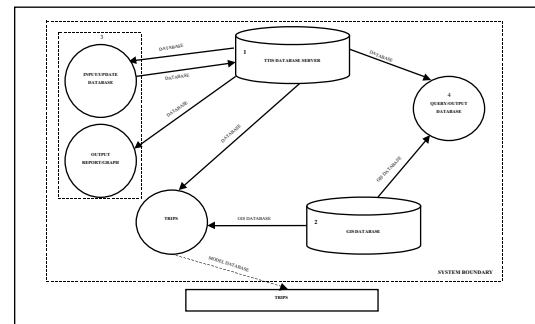
Office of Transport and Traffic Policy and Planning

Period of Appointment:

1997 to 2001

AMP Consultants Ltd with JMP Consultants Ltd and ESRI has been commissioned by the Office of Transport and Traffic Policy and Planning (OTP) of the Royal Thai Government, under TDMC project, to develop and maintain a suite of Transport Database in Thailand, ie. National, Regional and Bangkok Metropolitan Region (BMR).

The 21 groups of transportation database can be classified into two main groups, ie. Management Information System (MIS) and Geographic Information System



Only the mapping in the database is Geographic Information System (GIS). The GIS maps can be divided into 12 groups:

- Administrative Boundary Maps
- Waterway Maps
- Traffic Zone Maps
- Road Network Maps
- Railway Line Maps
- Survey Site Maps
- Bus Route Maps
- Ferry Line Maps
- Van Bus Route Maps
- MRT Line Maps
- Vehicle Speed Check Route Maps
- Mega-Project Construction Status

These are 21 groups of transportation database as shown below:

- Home Interviews
- Trip Interviews - In Course of Travel
- Attitudinal Survey
- Socio-Economic
- Land Use
- Trip Rate
- Vehicle Count
- Passenger Count
- Freight Volume
- Fixed Infrastructure Inventory
- Vehicle Inventory
- Schedule of Services
- Travel Time/Delay
- Environmental
- Transport Economics
- Road Accident
- Tourism
- Traffic and Transport at Regional City
- Programs and Projects
- Coordination among Concerned Agencies/Others
- Mapping

