



## Data Warehouse Development Web-based Report Services

**GST** has extensive experience in the areas of Data Warehouse Development, Information aggregation, Data Scrubbing and Internet Accessible Customized Reports.

A recent success involves a countywide law enforcement agency. **GST** was up to the task, and developed a successful model involving the following components:

- Creation of a countywide Oracle® Crime Incident Data Warehouse®
- Aggregation of additional Statistical Datasets for crime analysis and other demographic data
- Development of a customized Visual Basic® Data Scrubbing Application that cleans dirty demographic data (license plates in street address, wrong city, incorrect name spellings, etc.) and adds geo-coded data elements to all crime incidents
- Creation of customized Incident Reports that are web-accessible via standard browsers such as Internet Explorer

### **GST Data Warehouse & Web-based Reporting Services include:**

- Database development in Oracle®, SQL-Server®, others
- SQL programming, stored procedures, triggers, etc.
- Data Flow Modeling (Database mapping, charts and ER-diagrams)
- Customized report development
- Web-based Report Information Server configuration & maintenance
- Data scrubbing and cleansing
- Data geo-coding services
- Integration of statistical data warehouses and other customized databases



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