R SYSTEMS

**MODERN
DATA MANAGEMENT**

CASE STUDY
DATABASE MANAGEMENT

Southwest Gas achieved **immaculate management of database** on every employee, thereby **improving compliance score**, with R Systems' Database Management solution.

SOUTHWEST GAS

Problem Statement

Southwest Gas lacked a centralized database regarding its operations and employees, and this exposed them to the risks of non-compliance during periodic inspections by the State and Federal agencies.

Business Need

- A comprehensive electronic system to maintain and manage the database containing full history of every employee

- A database to manage the testing, class schedules, employee work history, and certification process

Solution Approach

- Ensured 3-phase system implementation, and started with engineering an Oracle 8i database that contained a full history of each employee

- The system front end was developed using Developer 2000 and Discover

- The database contained a full history on every employee regarding their training, qualifications, certifications, and work

- Reporting was also implemented to meet ad hoc requests by the regulators

The Benefits

- Monitoring of class schedules, employee work history and certification process

- Compliance with regulations established by the US Government

- Direct access to information of **2,491 employees**