



Anhui Telecom Company Ltd  
Hefei City, China  
www.anhuitelecom.com.cn

### Industry:

Communications

### Employees:

12,000

### Oracle Products & Services:

Oracle Database  
Oracle Partitioning  
Oracle TimesTen In-Memory Database  
Oracle Real Application Clusters  
Oracle Streams  
Oracle Data Guard

### Oracle Partner:

Shenzhen Tianyuan DIC  
Information Technology Co., Ltd  
www.tydic.com

**“Oracle Database 10g has helped us manage the explosive growth in data generated by the continuous delivery of new services to our 142.7 million telephony customers. Our data warehouse has achieved very high performance and processing speeds.”** – Fang Wensheng, Director, Corporate Information Department, Anhui Telecom

## Anhui Telecom Deploys Data Warehouse to Manage up to 40TB Data

Anhui Telecom Company Limited is a wholly owned subsidiary of China Telecom, the largest fixed service telecommunications provider in China. Anhui Telecom offers voice, data, internet, multimedia, and information services to more than 10.5 million customers in the province of Anhui. The company has 17 municipal and 63 county-level branches across the province.

### Challenges

- Build a data warehouse to process and integrate information across the business
- Store and refine information for operational analysis and decision support systems
- Provide open architecture, rapid response and comprehensive user support
- Support complex data sources and provide scalability to manage explosive data growth
- Protect Anhui Telecom’s investment by simplifying system management and reducing costs

### Solution

- Deployed Oracle Database 10g as the basis of a data warehouse to analyze statistics and support policies across the business
- Gained a large-capacity database platform that supported growth in data used by the operating analysis system from 4 terabytes in 2004 to a forecasted 40 terabytes in 2008
- Enabled the effective integration of data interfaces and sources into an enterprise-wide environment
- Allowed the organization to efficiently undertake extract, transform and load (ETL) processing tasks across 40 to 50 gigabytes of data and 100 analysis themes per day
- Enabled the organization to support data warehousing applications that vary across technology, standards and interfaces with open architecture
- Supported concurrent queries from multiple internal users and authorized external parties
- Simplified partitioning and reduced management task with Oracle Partitioning 10g