

## Billing & Pricing Infrastructure

**AREA OF COMPETENCES:** Enterprise Business Solution

**INDUSTRY:** Wireless

### CHALLENGE



The main objective given by the client is migrate the regional performance metric reports to the Network Data Warehouse web site and accompanying database. Then all the existing reports must be moved from the legacy system to the new one in a very short time. The reporting engine must be flexible enough to permit users to create custom reports based on their own needs.

### SOLUTION

We are developing a complete solution for the web-based application to be used for reporting performance metrics in the West/Western region of the U.S.A. for Cingular, using the Cold Fusion MX 6.1 and Oracle 9i platforms. The new reporting application will replace the reports currently generated from the Nettrack Regional Legacy System and will serve the needs of the Ericsson GSM technology.



The technical solution employed consists in a multi-tier architecture:

- client tier (front view), a web browser (Internet Explorer, Netscape, Mozilla, Opera)
- web server tier (apache, IIS, Netscape)
- application server tier (ColdFusion MX Enterprise Server)
- database tier (Oracle 9i Enterprise Database)

The communication protocols used are as follows:

- HTTP (Hyper Text Transfer Protocol) between the browser and the web server
- HTTP (Hyper Text Transfer Protocol) between the web server and the ColdFusionMX server
- JDBC (Java Database Connectivity) between the ColdFusionMX server and the Oracle database

### ABOUT OUR CLIENT

Wireless from AT&T, formerly Cingular Wireless, is the largest wireless company in the United States, with more than 72.9 million subscribers who use the nation's fastest 3G network. AT&T is dedicated to providing customers with wireless technology designed to enrich their lives. AT&T is solely owned by AT&T Inc. (NYSE: T) now that the merger between its former parent companies, AT&T Inc. (formerly SBC) and BellSouth (NYSE: BLS) has closed. In addition, wireless from AT&T serves 95 percent of the Fortune 100 companies and counts more than 80 percent of the Fortune 500 and more than 1200 federal, state, and local government agencies as customers.