

# IT BILLING APPLICATION – FORTUNE 10 COMPANY

This large conglomerate needed a more efficient process for cross-charging businesses internally for IT Services provided by Corporate and In-Network Vendors. They were using multiple legacy systems for storing customer billing records, determining the billing rates associated with the billing records, calculating the cost for each billing record, and aggregating these records periodically to generate invoices.

## SERVICES INCLUDE:

- Providing solution architecture:
  - Functional analysis
  - IT system specification
  - Logical & physical data modeling
- End to end solution designing & deployment
- Business logic development using PL/SQL (Stored Procedure & functions & triggers etc.)
- Ensure data integrity and re-usability
- Data migration from SQL Server 2000 to Oracle 12c RDS
- Project Support & Maintenance

## TOOLS & TECHNOLOGIES:

- Java JDK 1.6 Eclipse
- Oracle 12C AWS RDS
- PL/SQL
- Spring framework 4.0.1
- JBOSS 6.2 EAP
- Apache web server 2.4.12
- iText 5
- HTML 5
- Highcharts
- Jenkins



## SDG SOLUTION

- 🕒 Implementation of an integrated system with custom modules
- 🕒 Dynamic user roles & authorization along with SSO Open ID integration
- 🕒 Writing custom algorithms for business processes
- 🕒 Enabled analytics using various reports & charts
- 🕒 Improved system auditing

## RESULTS

- Centralized customer & billing data repository for establishing a single version of truth & improved analysis of customer dynamics.
- Reduced manual effort by enabling auto generation & sending of periodic invoices
- Improved user experience and processes.