

China Telecom, China

China Telecom is one of the world's largest wireline telecommunication and broadband service provider having over 220 million fixed line subscribers and over 35 million broadband subscribers.

mBOSS is being used by 10 subsidiaries of China Telecom and China Telecom itself. mBOSS system provides prepaid billing services for PHS networks of all of them. mBOSS is serving a customer base of over 5 million. mBOSS offers a huge bouquet of prepaid billing packages with flexible rate plans and discounts plan.

mBOSS supports unified billing and accounting for multiple services, including services provided in 3G network, PSTN, and so on. It provides an improved OSS that supports multiple core networks. This capability makes it suitable for implementation of unified service management and system upgrade maintenance, and also, is helpful for the sustainable development of mBOSS itself.

The pricing function is designed to calculate against each CDR, as to how much concerned should be charged. This calculation is based on the billing policy applied and the subscribers' profiles, and also, the various discounts involved. mBOSS also supports rate transaction in real-time or in batch using any combination of complex parameters.

The modules of mBOSS provided to China Telecom include the following:

- Inventory management
- Customer management
- Rating and Pricing
- Prepaid service center
- Accounting management
- Payment and service control
- Credit management
- Resource management, and
- Customer self service

The billing solution has been hosted over Sun Solaris server with Oracle 9i RDBMS and serving over 1 million fixed line telecom subscribers.

The system has been perfectly operating since 2004. The system has been implemented in a number of sites, and it has been running perfectly at all sites since the time it was implemented therein.

Reference: Rukui Xu, Director Billing Support Centre, China Telecom

Contact details to be made available on request.