

ORACLE®

Extreme Performance with In-Memory Database Technology – Real Life Stories

Presented at Oracle Open World

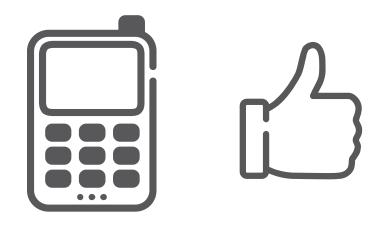


Ericsson Charging System

Jim Håkansson (Senior Specialist Software Development) Ericsson, Sweden Revenue Management



Do NOT turn off



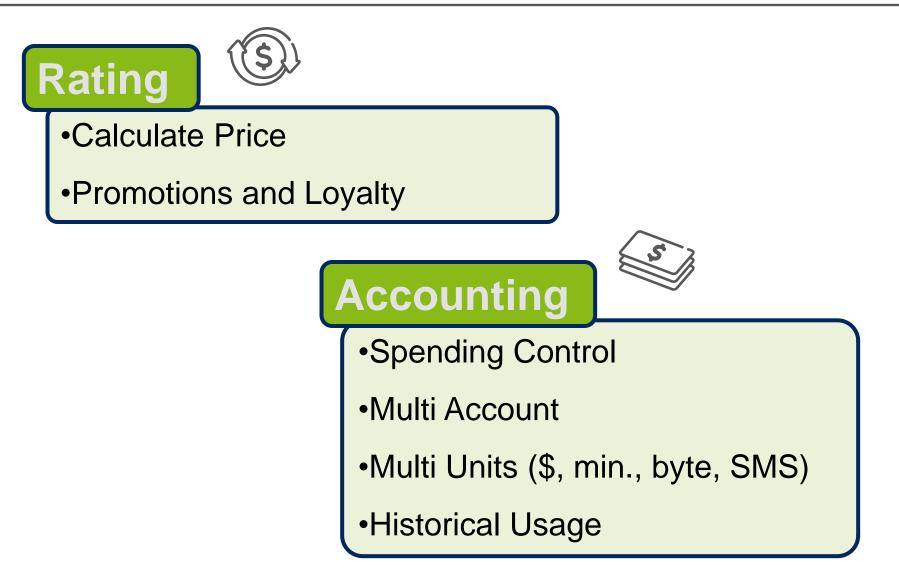


Mobile Phone Statistics

>6.800.000.000 people in the world >5.000.000.000 subscriptions >2.000.000.000 has access to PC >20% are Charged via Ericsson

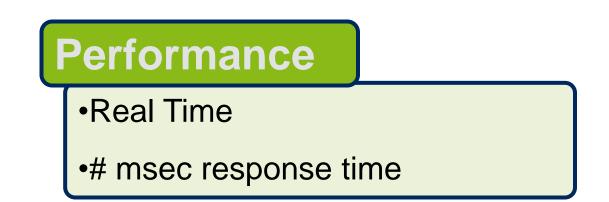


What is Mobile Phone Charging System





Non Functional Characteristics



Availability

•Telecom Grade

•99.999% (max down 5 min/year)

Quick and Automatic Failover



How is it done

High Performance

- In-Memory Database
- Quick Queries
- Predictable Response Time
- •ACID

High Availability

- Share Nothing Cluster
- Replication
- •LAN and WAN



Key Features in TimesTen

- > High Performance
 - In Memory
- Standard Interface
 - SQL
 - JDBC/ODBC
- > Low Maintenance
 - No DBA needed
- > Wide Hardware/OS support
- > Low System Impact



ERICSSON