



# Data Sheet

## Application Development Service

### Utility Based Offering

#### ❑ The Situation

As customers are more cautious about making investment in computer hardware and software, the need to consolidate various applications to the same hardware infrastructure and the ability to scale the hardware when needed becomes apparent to save cost and investment. Ideally these computing resources should be able to be shared by different user groups and allocated based on actual needs. End users will be charged based on actual consumption.

#### ❑ The Challenge

A major corporation needed to architect and implement a Utility based solution to support the end users. The end users are a number of fortune 500 companies that wants to capability to dynamically schedule computing resources and paid only on either actual resource allocation or actual consumption. The challenge involves building a system that accurately calculates the actual consumption of computing resources and create billing for the end users in a timely manner based on.

As the system is managing metering and billing information, the system was considered mission-critical supporting 24/7 worldwide operations and it is deployed in a scalable, reliable and serviceable infrastructure.

An aggressive delivery timeframe was the least of the challenges presenting TrekLogic, the chosen implementation partner.

#### ❑ The Solution

TrekLogic's Application Development Group worked closely with the client's marketing groups to architect and implement a J2EE solution that meets client's need. An expert team of Oracle database developer, J2EE architects and operating system developers were assembled to design and deliver the solution. Agile development process was deployed in this project. This high morale team works closely with client to come up with a working solution.

The first beta version was released in three months. Subsequent releases were done in quarterly basis to address new business requirements as different charging models are developed.

TrekLogic also managed deployments of the releases to production and provide remote system administration and maintenance to these systems.

#### ❑ The Result

TrekLogic successfully drove this project to completion within customer's budget and met customer's needs and expectation. The client and end users now rely with confidence on the system to calculate actual system usage and be able to cross bill end users. End users now enjoy better system performance and availability and pay less as a consequence because the hardware and software infrastructures are shared by different end users.

