



Cognos to Essbase Conversion Project

The Client: Internal Project – BI/DW Center of Excellence

The Need: Migrating to Oracle suit of products to leverage new features that deliver Next-generation BI capabilities

The Challenges:

- To make use of Essbase features to enhance existing Cognos Cubes while ensuring that functionality is not impacted
- Introducing new features like Right Back, Slice and Dice etc which are not available in the current system
- Best Practices to be followed to reduce the cube size & to improve performance.
- Faster Response Time and better performance

The Solution:

- Used Hyperion Essbase Studio for analyzing & modeling complex business scenarios
- Built a Mini Schema model that includes all the tables/Views required for Cube build
- Built meaningful Hierarchies and Measures
- Made use of Block Storage Option for better performance
- Used Calculation Scripts to implement complex business logic
- Used Hyperion smart view as user Interface, since excel sheets were convenient to work with
- Provided Write Back features for forecasting, scenario modeling, and "what if" type analysis
- Designed and implemented BI reports in OBIEE using Essbase cube as source
- User Level and Data level security using Shared services

Technologies used:

- Source system : In house Data mart system
- Hardware : AIX, App server on Windows Server 2008 Enterprise Edition
- Data Mart Database: Oracle 9.2.0.7.0
- OLAP Services : Hyperion Essbase 11.1.2.0

Benefits:

- Integration with Microsoft Office leverages existing user competencies
- Predefined functional solutions allow for quick implementation
- Better analysis of data