

Asset Management Analytical Data Mart



Client Overview

This client is one of Europe’s leading diversified equipment leasing business who offers a range of vendor programs from tactical to strategic at a local, European and global level. They offer flexible tailored solutions to their partners' customers ranging from Multinationals and Government institutions, to small businesses. It specializes in a variety of equipment markets including – Office Imaging, Construction, Transportation, Vending, Professions

This vision of the equipment finance firm was to digitize its Asset Management Analytic processes and enable Asset Tracking across several platforms by developing and deploying a web based Asset Management Analytic Reporting Application that reports out of a single central data repository containing asset data down to the component/feature level (maximum a five tier level) of detail.

The client wanted an Asset Management reporting solution that will enable to develop business, customer and vendor metrics and to identify potential sales opportunities.

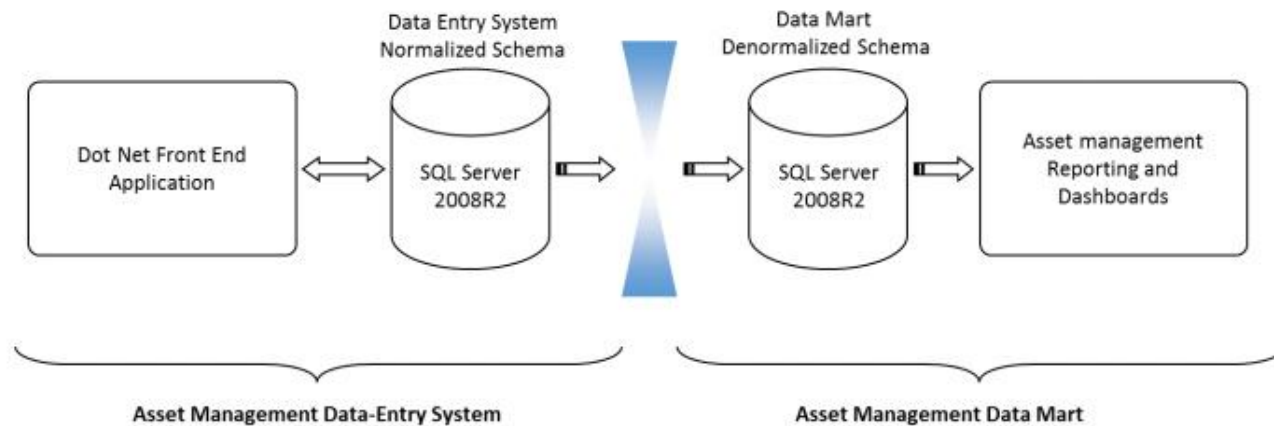
Business Challenge:

The integrated Asset Management System with Web based Dot-net front end and an Asset Management Analytical Data Mart was developed by leveraging following technology investments of customer

- Front End System:** Dot-net
- Database:** SQL Server 2008R2
- ETL:** SQL Server Integration Services
- Reporting:** SQL Server Reporting Services

Technology Solution

High Level Technology Architecture



EGS Solution:

The solution was built as an integrated The Asset Management System with below mentioned two functional sub-systems

Data Entry System

Data Mart and Reporting System

Asset Management data entry system will provide functionality to Administrate, Capture, Maintain and Migrate data. Asset Management data entry system is categorized into three functions namely Data Administration function, Data Entry function and Data Migration function

The Data Mart, predominantly cater to the Asset management function of the business focused to the analytical team's data/metric requirements. The system is built using SQL Server 2008R2 as the data store, SQL Server Integration Services as the ETL tool and SQL Server Reporting Services for reporting.

Existing legacy data entry and reporting application on MS Access and other source systems were migrated to newly designed integrated transaction systems.

Business Values:

The following are some of the benefits that the client was able to realize as a result of the implementation:

- Integrated Asset management system on single platform, retired multiple data entry and reporting solutions which also enable a unified view of assets, customers and financials details for client
- Capability for the top level management to monitor the KPI via a 360 view
- Providing one single platform to manage the end to end processes
- Increasing the productivity of Service Force (FE, Call Centre Agent) and Sales Force