

The Client

The client is one of the largest automobile and motorcycle manufacturers in the world. They are the only manufacturer worldwide that concentrates entirely on premium standards and outstanding quality for all its brands and across all relevant segments.

The Challenge

The client recognized the need to make significant progress in having all its products and services available on the Intranet for the better communication within the company and related businesses.

The Objectives

- To maintain standards at the dealerships across the country.
- To identify opportunities for new business and improve performance of the dealerships.
- To provide information to the dealers and sales centers about the changes they have to make in next five years to meet the needs of their growing business.
- To provide the senior management with reports on the client's business and the industry.

The Solution

Our team assisted the client in designing and implementing the solution through all phases of the software development lifecycle. This included developing the software architecture, implementing and deploying the solution.

The main features of the solution provided were:

- Completeness and correctness – The tool had to capture all the requirements and provide the accurate results. This needed extensive market study, expert inputs and data analysis.
- Methodology – The tool used appropriate algorithms for different kind of results. The most appropriate algorithms available in the industry authorized by the experts were used.
- Reusability – The tool reused the core functionality of the existing system to provide a level of comfort to end user in the using the results.

The solution provided the following service to the its customers:

- Assessments – Provides users a prioritized list of tasks to be completed to maintain the standards, department wise.
- What if – Identifies the future changes need to be made based on their growing business.
- Reporting – Provides market and regional managers key statistics related to sales and business achieved in their areas.
- Admin – Add new centers in the market, extract and consolidate data from the other legacy systems.

The application was deployed in a clustered environment for high scalability and availability. The new application was integrated with company's legacy systems to access the data related to sales centers and dealerships.

Tools and Technologies used

- Weblogic (Application Server)
- DB2, Essbase, Oracle (Database)
- Java, VB (Language)
- J2EE (Server side technologies)
- WSAD, Eclipse (IDE)
- Windows NT, AIX (Operating system)
- VBA (Office automation)