

Case Study : InSync - .NET Product Development

The Client

The client is a leading US based data warehouse consulting and services company providing master data management, customer data integration and data warehouse implementations.

The Business Need

Data warehouses contain a lot of end user data (also known as reference data or master data) necessary for maintaining the accurate factual information in the warehouse or data mart. This reference data needs to be managed by the business users in order for it to reflect the current state of business. This reference data usually has a lot of parent child relationships among them. There is a need for visualization of relationships among this data and adjusting those relationships or adding new relationships or creating new records or updating existing records as necessary as the business evolves. These needs require a tool for the end users to visualize the data and make appropriate changes.

Not dealing with this problem effectively, results in:

- o Data integrity problems with the reports generated from the warehouse.
- o Lost revenue opportunities
- o Lost customers

The Solution

Prabhavat Solutions with its extensive expertise in developing .NET based solutions has developed InSync product to enable business users to maintain the end user data from the data warehouses and data marts. This product contains a developer interface to build the necessary applications to manage the end user data and an admin interface to control the security. A rich desktop application is provided to visualize the data relationships and manage them. For users on the road, a web interface is provided to access the data remotely in a secure fashion and make necessary changes.

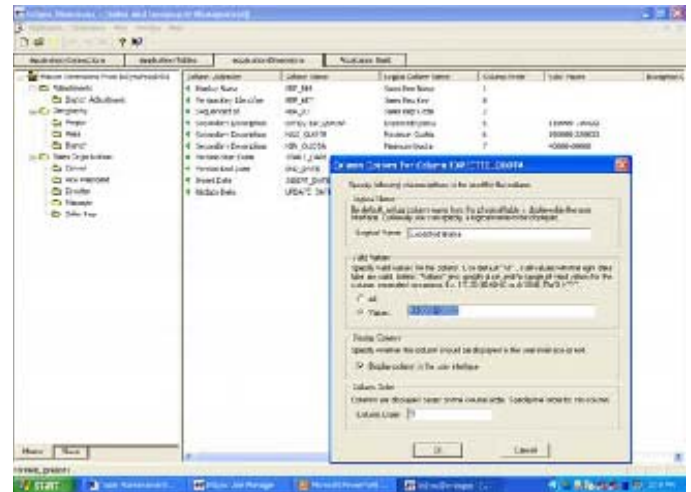
Prabhavat Solutions was responsible for the design and development of InSync product. Some of the key aspects of this development include:

- o Visualize hierarchical relationships among the data.
- o Create new records while mapping them to the existing parent records or create new parent records along with the child.
- o Delete records along with their relationships.
- o Update existing records.
- o Secured access to the information.
- o Ability to manage slowly changing dimensions and maintain history.

Product was developed over several releases incrementally adding customer requested features. Rigorous quality checks were performed at all steps of the product development process to ensure that the product was bug-free and of the highest quality.

Benefits

Offshore development and maintenance of the product resulted in significant cost savings for the client. Our agile development process allowed client to refine the product rapidly based on the customer feedback on incremental deliverables.



Technologies

- o Microsoft .NET with IIS/MTS/COM+
- o Java
- o Microsoft Windows
- o Oracle, DB2, Teradata, Sql Server

About Prabhavat Solutions

Prabhavat Solutions is a privately held company based out of Hyderabad, India specializing in product development services in enterprise software, internet and mobile applications. Since its inception in May 2008, Prabhavat Solutions team has worked with several customers for development, testing and maintenance of our customer software products working as an extended engineering team in a flexible engagement model. Founders have extensive global experience across USA, Europe and Asia in building software products from ground-up and have been involved in bringing several software products to the market on multiple platforms and across several releases. With a well defined development methodology and a strong focus on quality and collaboration with the customer, Prabhavat has a history of successfully delivering quality solutions to all our clients on time and within budget.