

CASE STUDY

Development of a Data Integration Engine for a leading Healthcare IT Organization

Company Description

The customer has developed a software solution for providing better routine clinical decisions for one billion plus people suffering with long term conditions. The solution is a comprehensive software package designed for disease management or medication management that helps alleviate the key frustrations of monitoring long-term patients taking potentially harmful drugs. The client supports over 300 customers in 15 countries with over half a million patients.

Project Objective

Data collection and aggregation from multiple sources had to be accomplished via a common integration engine that would interface to a data repository. To automate the process by scripts to extract, transform and load the data into appropriate repository.

Customer Challenges

The customer had a compelling point solution for disease management and medication management but had to interface with external systems and data sources of their clients. They were having challenges relating to

- ❑ Integration of data from disparate systems
- ❑ Overcome inconsistency in data due to manual processes
- ❑ Business users need to have IT skills

Trigent's Solution

Trigent built an integration engine that -

- ❑ Reads data from different sources and formats, transforms it into meaningful data based on rules and loads the transformed data to appropriate destinations
- ❑ Generates scripts to automate the operations based on the various business processes at defined frequencies
- ❑ Is an extremely user friendly application requiring little or no manual intervention

Client Benefits

Using Microsoft .NET framework the integration engine provided fully automated process for data integration with minimal manual intervention, and ensured consistent data both at the source and target systems. User friendly and easy to use application to business users.

Client

A leading Healthcare IT organization with solutions for disease management and medication management.

Project Objective

Build an integration engine to aggregate data from multiple data sources into appropriate repository.

Technology

- ✓ Microsoft .Net
- ✓ VB.Net, ADO.Net
- ✓ Visual FoxPro
- ✓ FoxPro

Benefits

- ✓ Fully automated process for data integration
- ✓ Consistent data both at source & target systems
- ✓ Extremely user friendly application