

Case Study - Big Data Implementation for a Fortune 1000 Healthcare Company

Challenges

- » Green field implementation of ODL
- » Shortage of technology awareness on the customer front
- » Changing requirements from business functions with complex business & technical ramifications
- » Adherence to best-practices based Tools and Architecture desired by customer

Benefits

- » Improved decision making capabilities
- » 24/7 availability of real-time data for business users
- » Generation of required self-service reports by end users
- » Enabling of data Ingestion through web interface/ Self Service modes with very little IT intervention

The Client

The Client is a Fortune 1000 healthcare company

Results

Below are the items SmartERP worked on for the client:

- » Populated ODL through ingestion of data from different sources by using industry standard open source tools
- » Implemented recurring feeds in ODL
- » Provided recommendation to customer with respect to optimal sizing of hardware
- » Analyzed and developed complicated statistical reports by using R studio
- » Developed integration between R studio and Hue
- » Visualization/Analysis of reports through Tableau, R, Python, Hive, Drill

Technology Stack

- » Spark
- » Sqoop
- » Hive

- » Drill, R (Command line, Studio & Shiny)
- » Tableau (in negotiation now)
- » Python
- » Flume
- » SAP PI / PO
- » Hue, HBase
- » Cognos, Qlikview, Oracle (metadata repository)

About SmartERP

SmartERP is a new generation software services company with focus on providing end-to-end Big Data solutions using proprietary methodologies, and real-world business experience in assessments, implementations, upgrades, support, and maintenance.

SmartERP's model and methodologies are geared to ensure that our customers achieve the highest value at the lowest cost. Our Big Data experience, mature delivery model and technical competencies make SmartERP the ideal partner for your strategic initiatives.