

BUSINESS REQUIREMENTS

The customer has vast stores of disparate user data that includes statistics on consumables. The customer wanted to gain more insight from this data, in order to streamline their supply chain, specifically - production and shipping of consumables.

Our Solution

- ❑ AFL's Technology Services team designed, architected and developed a set of applications on by leveraging the Hadoop platform for managing the vast stores of unstructured data. Additionally, the final data, after being processed based on custom business logic was then interfaced with Qlikview applications for user-friendly views of the processed data.
- ❑ AFL provided the following solutions – to match customer requirements:
 - Hadoop based solution for handling the large amount of unstructured data.
 - Data pipeline applications for handling the different data sources in an organized manner.
 - KAFKA based producer-consumer system as an interface, to process Hadoop data input.
 - Data wrangling application using Cascading framework.
 - Custom data-analysis with algorithms and business logic.
 - Data presentation layer using QlikView.

Technology Stack



Hadoop, Java, KAFKA, CAMUS, ZOOKEEPER, ORC, AVRO, JSON, Cascading, PIG, Hive, QlikView

Benefits

