

# BigData Global Supply Chain Implementation

A Global demand planning software company faced scalability issues to provide real time demand planning reports to its customers. Additionally business customers would like to change the data dynamically and assess the impact on their demand plans. Client's existing architecture faced severe performance issues and requested Achala to design and build a robust enterprise Big Data solution

## Challenges

- ✓ Impact on application was high as database is de-normalized (Cassandra)
- ✓ Had to migrate SQL scripts and procedures to application based streaming (Storm)
- ✓ Support for Open Source tools has been a major issue

## Client Benefits

- ✓ Improved performance from 10 mins to 8 sec for 4.6 million records
- ✓ Happy customers as reports are accessed at faster speeds
- ✓ Client's capabilities enhanced to provide more reports to customers

## Our Approach

