

TELECOMING:

- Telecoming has a successful and extensive experience in mobile payments systems (Direct Carrier Billing) and digital marketing.

SUCCESS FACTORS:

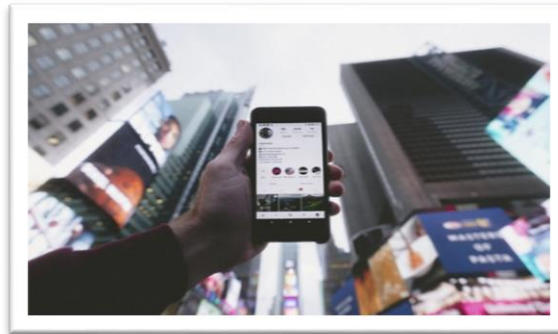
- The transparency and expertise of the team have allowed us to deploy a Big Data - Hadoop architecture that is simple and scalable.
- Apache Kylin improves query latency up to 30% to 40% higher than previous used technology.
- This architecture has been seamlessly integrated with our BI tools.

JUAN CALLEJA (IT ENGINEERING DIRECTOR AT TELECOMING):

- With this project we have improved our business productivity by means of data analysis.
- With the help of Stratebi we have enhanced the leverage of Big Data in our company.

ADRIÁN GALLEGOS (IT MANAGING DIRECTOR AT TELECOMING):

- The Big Data architecture deployed is very powerful and flexible.



Telecoming relies on Apache Kylin and Hadoop for Big Data processing

Telecoming Scenario

Telecoming is a company that manages large volumes of data due to the digital nature of its activity. The analysis of this data at the right time, "the freshness of the data", is crucial for the operation and improvement of their business.

For these reasons, they already had a Data Warehouse developed and highly optimized by their team. The new Big Data platform deployed allows the technological breakthrough to a scalable architecture that offers the service needs and information analysis that a company like Telecoming needs.

Proposed Solution

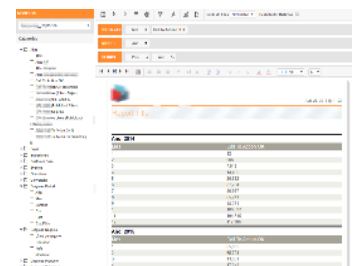
Due to the volume of data and real time data processing and querying requirements, StrateBI proposed a scalable architecture based on a Hadoop cluster (Sqoop, Hive) for data processing and the Kylin tool to support interactive analytical queries (OLAP).

In addition, the Pentaho BA server and the StrateBI ST Tools were deployed to extract useful insights from data stored in Kylin.

Outcomes

The greatest achievement of this project for Telecoming has been to improve the quality and productivity of its decision making processes, which means better results for their business.

With the Hadoop - Kylin architecture deployed, in addition to better and faster processing and analysis of current data sources, they can incorporate any new data source to develop new and useful analytical processes.



Tailor-Made Big Data Solutions