

Big Data AML Analytics Platform

Data Lake built to handle large data volumes of over 8 petabytes



Success Story

“ We needed to incorporate a modern Data Lake architecture into our anti-money laundering.... Iris was instrumental in crafting the best solution. ”
– AML Lead Architect

CLIENT PROFILE

A multinational bank providing consumers, corporations, governments and institutions with a broad range of financial services and products. The client had a comprehensive Global Program for Anti-Money Laundering (AML) to protect clients and franchise from the risks of money laundering, terrorist financing and other financial crimes.

Increasingly, they needed to address mounting volumes of data.

BUSINESS CHALLENGE

The foundation of a global program is an AML Policy. That policy must provide a consistent system of controls to identify and mitigate AML risks and to comply with AML laws and regulations.

Existing Data applications could not scale to handle growing volumes of data. Further, the rules-based algorithms generated high numbers of false positives—wasteful labor for the case management team.

SOLUTION

- Designed a Data Lake, a centralized Data Hub for the business process of AML
- Followed Modern Data Architecture principles to process petabyte data volumes

BENEFITS

8

PB Capacity

5000

End users

14

Global regions covered

“Iris cross-trained a global team for an efficient implementation of a Big Data Lake for a Global Bank”
– Iris Data & Analytics Practitioner

TECHNOLOGY

- Cloudera
- Hadoop
- Talend
- Spark MLlib
- MicroStrategy
- Datameer
- SQOOP

About Iris Software

Iris (www.irissoftware.com) is a professional software services organization providing its customers with high-quality, cost-effective solutions and developing mutually beneficial relationships. Iris does this through comprehensive solution offerings with best-of-breed technologies, rapidly deployable solutions, flexible engagement models and proven methodologies. This allows customers to focus on their core competencies, and concentrate IT resources on projects that directly impact their bottom-line.

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