incedo

SUCCESS STORIES

Migration of Big Data Processing to AWS

For a Leading US-Based Financial Advisory Group

About the Customer

Manages **$390 billion** in AUAs and **$150 billion** in AUMs[1]

Serves Advisors, Tax Experts, Enterprises, Banks, and Credit Unions

The customer is a renowned financial advisor Wealth Hub that empowers financial advisors and institutions to optimize their control and value creation. With a comprehensive range of solutions, support, and services, the customerfacilitates growth, scalability, and transition for financial professionals and institutions.

Key Challenges

The customer faced several challenges with their big data processing infrastructure hosted on Cloudera. These challenges included multiple Service Level Agreement (SLA) breaches for data loads, resulting in business users experiencing disruptions due to unavailability of the latest reports. Additionally, the customer encountered integration issues between Cloudera and Snowflake Enterprise Data Warehouse (EDH).

Business Solution

To address the customer's challenges, Incedo crafted a comprehensive solution that leveraged the power of Amazon Web Services (AWS) to modernize their data processing and optimize their rewards management application. The solution included the following key elements

Cloudera to AWS EMR Migration

Incedo replaced Cloudera with AWS Elastic Map Reduce (EMR), equipping Cetera's analytical teams with the engines and scalability required for Petabyte-scale analysis. This transition significantly improved performance and scalability.

Seamless Data Integration

AWS EMR, integrated with Amazon S3, ensured seamless data integration, enhancing performance. AWS EMR Sqoop facilitated direct data import into S3, reducing data transfer bottlenecks.

On-Premise Servers Migration

Incedo migrated on-premise Informatica Big Data Management (BDM) servers to Amazon Elastic Compute Cloud (EC2), optimizing resource utilization and scalability.

AWS Secrets Management

AWS Secrets Manager was leveraged to enhance security and efficiency by securely storing RDS credentials.

AWS services used as part of the solution

Incedo leveraged several AWS services to build a robust and scalable solution for the customer

- **EC2:** Amazon Elastic Compute Cloud hosted Informatica servers, ensuring smooth data processing.

- **S3:** Amazon Simple Storage Service played a vital role in storing and managing data, making it accessible and efficient.

- **AWS EMR:** AWS Elastic Map Reduce was employed for big data processing, offering scalability and performance.

- **AWS Secrets Manager:** Securely stored RDS credentials were managed with AWS Secrets Manager, enhancing data security.

Business Impact

Incedo's solution had a profound impact on the customer's cloud cost management and optimization efforts, leading to the following outcomes
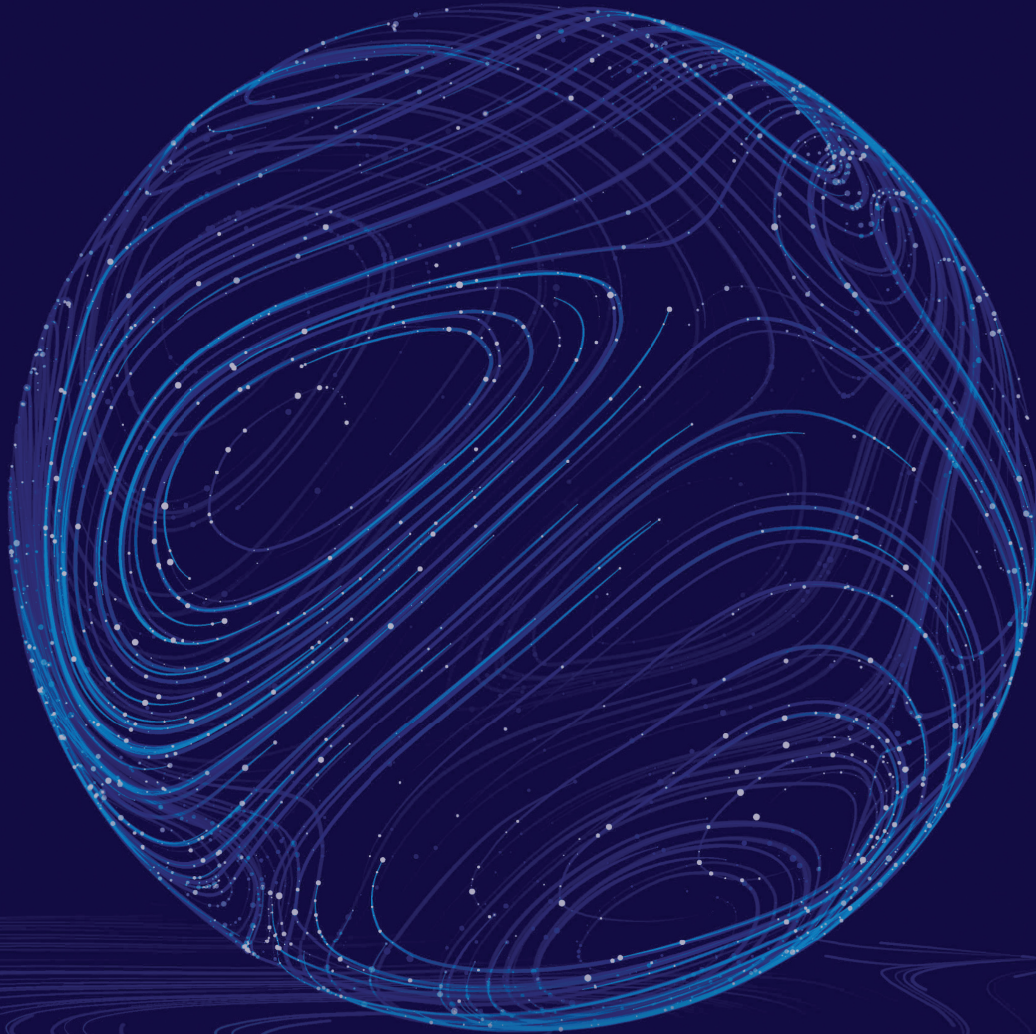
90% SLA Achievement	Timely Data Availability	Increased Cost Efficiency

Migration of Big Data Processing to AWS for the customer Financial Group, a Leading US-Based Financial Advisory Group

incedo | Win in the Digital Age

About Incedo

Incedo is a digital transformation expert empowering companies to realize sustainable business impact from their digital investments. Our integrated services and platforms that connect strategy and execution, are built on the foundation of Design, AI, Data, and strong engineering capabilities blended with our deep domain expertise from digital natives.

With over 4,000 professionals in the US, Canada, Latin America, and India and a large, diverse portfolio of long term, Fortune 500 and fast-growing clients worldwide, we work across financial services, telecom, product engineering, and life sciences industries.

9+
Fortune 500 Customers

10+
Global Locations

4k+
Employees Globally

Our Global Presence

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