BIRD
ANALYTICS

Single Platform with Many Solutions

Case Study: Industrial-Automation

Overview

About BIRD

- A modern & agile full-stack data management platform that provides real-time access on any of your data
- Allows users to analyze the data using powerful KPI driven dashboards or through standard ANSI SQL or through augmented ML insights
- With BIRD, enterprises can build instant data pipelines with transformations, design data warehouses with logical data models
- With BIRD's in-built source connectors, all your sources like databases, ERPs, flat files, third-party cloud services, bigdata sources, streaming/IoT devices are covered
- BIRD helps in reducing BI team's efforts by 70%, with its universal data model framework & accelerators to standard sources sources
- With BIRD's augmented analytics, enterprises can now shorten the time to insights by 75%
- BIRD's cloud native architecture, now enables implementation to be 90% faster

Case Study

Industrial-Automation

The customer is a Fortune 500 company that provides Industrial Automation and Information technology with an annual revenue of $6.3 billion. They are listed top 5 in their vertical with 100+ years of existence. It is a public listed company with head quarters in the USA

The Problem

The customer manufactures PLCs, sensor devices for enabling Industrial Automation to its customers such as automobile giants, retail giants etc. The IOT devices generates enormous amount of data and the customer doesn't have a solution in place that can show analytics on real-stream data coming from their PLCs. Building a product ground-up that can differentiate them with real-stream analytics capability will take at least 3 years for them.

The Solution

BIRD's architecture is built to perform not only on batch data but also on real-stream data. With its high performing distributed columnar engine, multiple real-stream connectors and messaging driven architecture with Kafka/RabbitMq made it a perfect fit for customer's requirement. BIRD solution was deployed across 60 of their customer plants, processing data coming from more than 10,000+ sensors.

The Results

- Cost savings due to proactive maintenance is estimated to be ~1 mil USD per plant.
- Savings due to automation in reporting process is ~300k USD for each of their customer. Savings occurred across multiple touch points in data preparation, report creation, maintenance etc.
- Time to generate reports is now done in minutes instead of days/weeks

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Thank You.

For more information
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