

Power Real-Time Analytics with IIoT Data

Equalum streams IIoT data to data lakes, where it can be correlated with legacy application data to fuel real-time analytics.

Extracting IIoT data (sensors and log data, for example) for analysis typically requires a heavy investment in custom development and dev ops.

And using machine and sensor data for real-time analytics requires not just that the data be continuously delivered to a centralized data hub – but also that it be correlated with data from other sources (including ERPs and inventory management systems).

Homegrown scripts to capture sensor data are bug-prone and require constant maintenance. And legacy ETL solutions, in addition to only supporting batch updates, can buckle under heavy data loads – and don’t efficiently handle schema changes.



Equalum integrates directly with both IIoT control systems and enterprise applications (like SAP and Salesforce) to stream data to real-time analytics environments – enabling teams to optimize predictive maintenance, production levels, and industrial processes

What Makes Equalum Different



Scalable

Built with Spark and Kafka; supports streaming between any number of sources and targets in real-time



Zero-coding

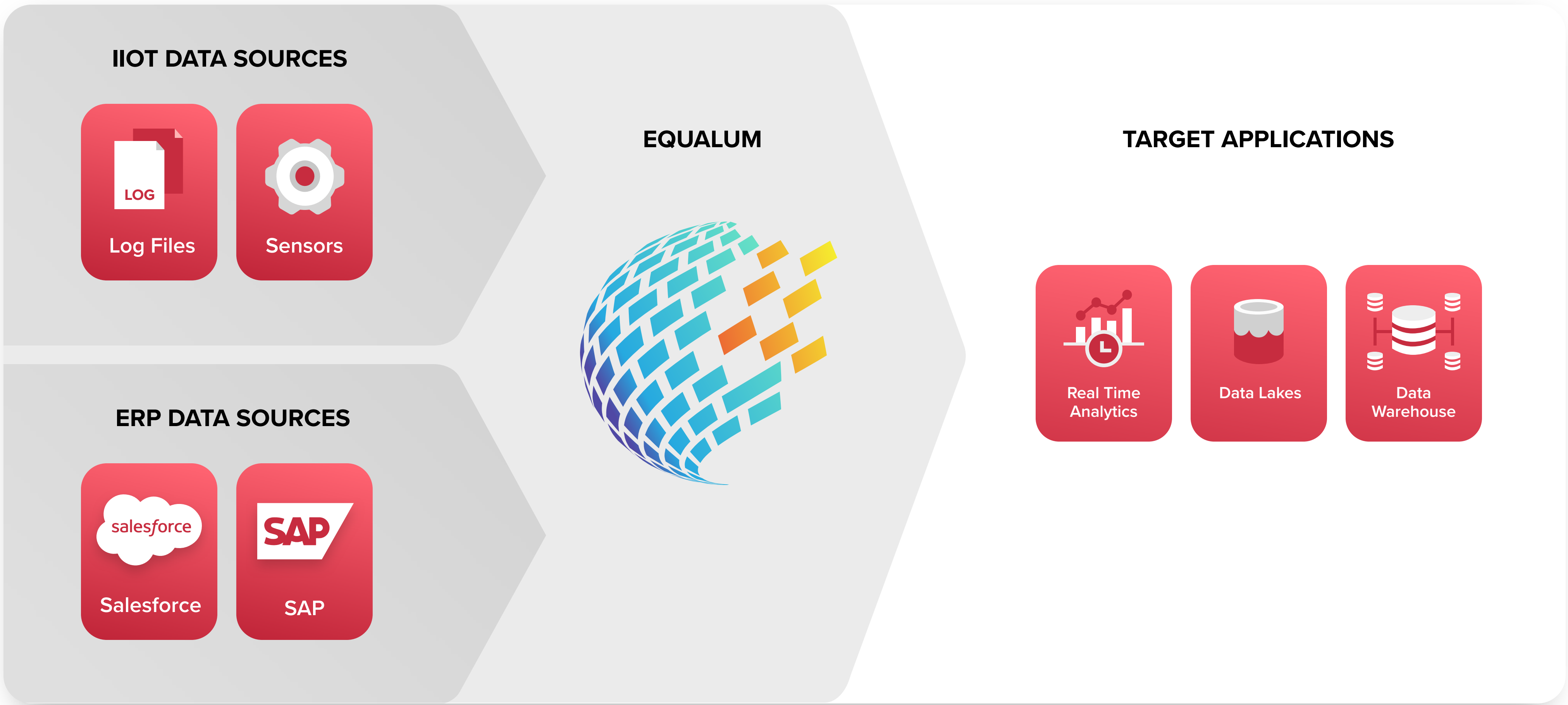
No development required; best-in-class security, monitoring, fault tolerance, and availability without a single line of code



Low-impact

breakthrough use of CDC creates minimal system strain on underlying data sources

How Equalum Works



Case Study

Streaming Sensor Data Powers Real-Time Optimization

A Fortune 500 petroleum and natural gas exploration company uses Equalum to **stream 10,000 events/second** with latency of 1 second from drilling rigs to their real-time analytics environment – enabling drill site operators to make timely optimizations.

