

# Turbo-Charge Batch ETL Processes

Equalum leverages fully-managed Spark and Kafka to boost the performance of batch ETL processes by up to 15x – with a 66% reduction in development time.

Batch extract-transform-load (ETL) processes face strain for a number of reasons.

- Increases in data volume can render a once-performant ETL process unstable or introduce unacceptable lag.
- Increasing batch frequency (e.g., from daily to hourly) can introduce overhead on the underlying database or application.
- Batch jobs may be massively resource-intensive, requiring constant monitoring and restarting, failing after a long run, or incurring high server costs
- Legacy ETL solutions offer limited support for newer database technology and other non-database stores like IIoT control systems.



**Equalum** leverages the scalability of open source big data framework Spark to dramatically improve the performance of existing batch ETL processes by up to 15x– enabling organizations to increase data volumes while improving performance and reducing development time up to 66%.

## What Makes Equalum Different




**Scalable**

Built with Spark and Kafka; supports both batch and real-time ETL



**Seamless**

Plug-and-play integration with all major databases and systems; breakthrough use of CDC creates minimal system strain



**Enterprise-Grade**

Zero-coding approach; best-in-class security, monitoring, fault tolerance and availability

## How Equalum Works



### Case Study

### Substantial Performance Improvement Over Legacy ETL

A Fortune 100 manufacturing enterprise saw a **15x Increase In Performance** in batch ETL processes after migrating from a legacy commercial ETL solution to Equalum.