

DATA INTEGRATION

Integrating Your Mainframe Data with Data Lake Platforms

Qlik Replicate™ for Modern Analytics



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Unlock the Value of Your Mainframe Data Without Increasing Your MIPS Consumption

Large enterprises have relied on mainframes for half a century to manage their most valuable and sensitive data. From order processing to financial transactions, production and inventory control to payroll, mainframes continue to support mission-critical applications. And they don't appear to be going away anytime soon.

This poses a dilemma for enterprises like yours. You need to integrate mainframe data into your modern, data-driven, analytical business processes and the environments that support them. Yet a brute-force approach such as directly querying the mainframe can prove costly. That's because mainframe system billing is based on MIPS (millions of instructions per second). So how can you affordably leverage mainframe data continuously for business analysis?

Here's one way. Offloading mainframe data to modern data lake platforms such as Apache Hadoop, Azure Data Lake Services (ADLS GEN2), and Databricks Unified Data Analytics Platform that let you create new analytics possibilities and insights. But integrating with these new environments takes a fresh approach that keeps your data current and available without adding complexity or prohibitive costs.



Qlik Replicate Benefits



- Accelerate your mainframe data analytics
- Address new analytics use cases
- Reduce your IT and development resource requirements

Bring Mainframe Data to Life in Hadoop and Kafka

Our Qlik Replicate solution (formerly Attunity Replicate) gives you an efficient and cost effective way to bring your mainframe data into a modern analytics environment using change data capture (CDC) technology for DB2, VSAM, and IMS. It's low-latency and low-impact data integration for mainframe databases. With Qlik Replicate, you can extract your mainframe data efficiently, in real time, and deliver it to your data lake platform of choice.

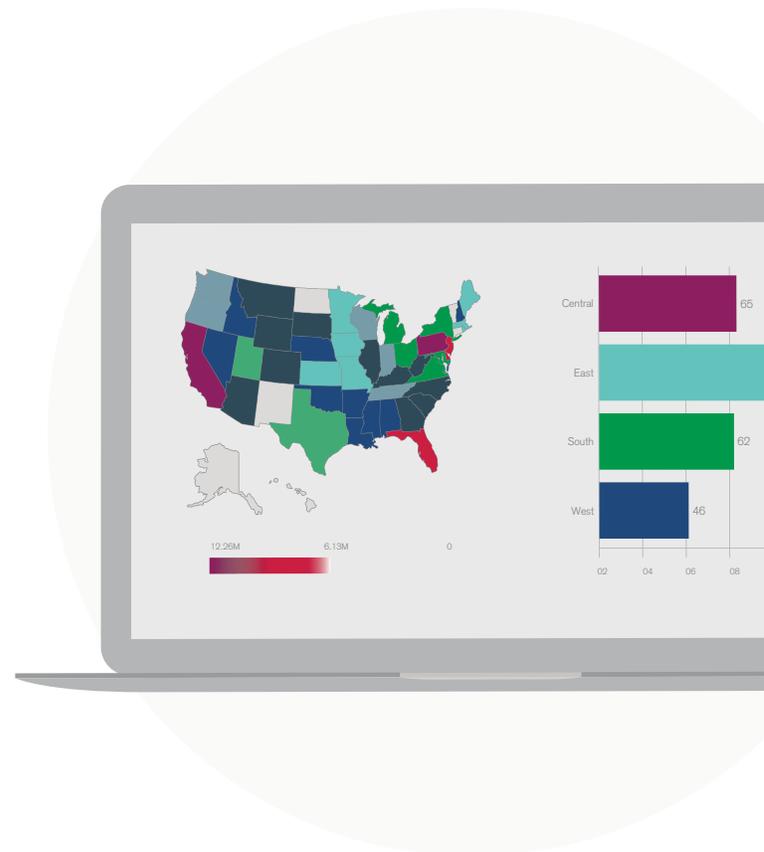
If your business is among the growing number of enterprises also using Apache Kafka for high-scale, low-latency ingestion and processing of live data streams but is challenged by it, too. Its impact on source systems, its complexities associated with custom development, and the need for real-time streaming at scale from many different data sources, our Qlik Replicate software is the solution.

It enables real-time analytics with live data from your mainframe databases by leveraging low-impact, CDC technology. You can replicate data to Kafka message brokers, which in turn convert mainframe transactions into real-time message streams to one or more data lake platforms to address a wide range of new analytics use cases.

Qlik Replicate Use Cases

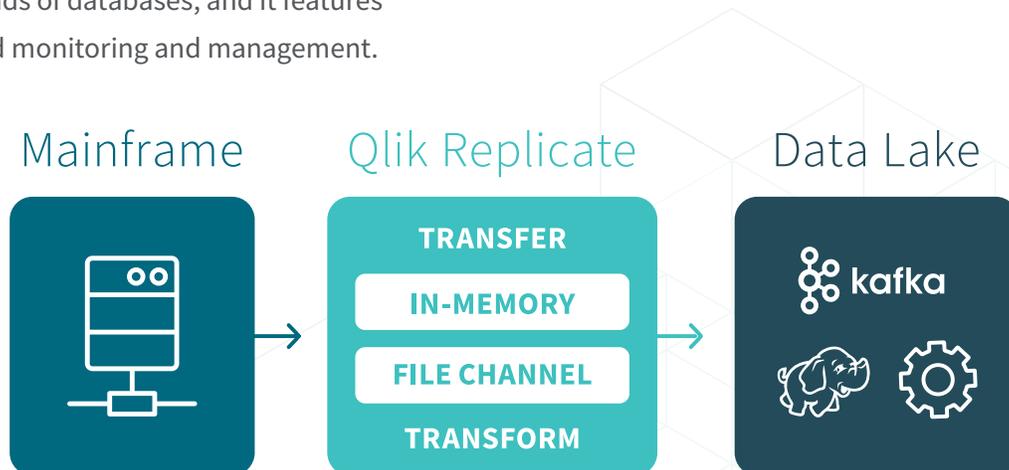


- Convert mainframe data into message streams
- Manage thousands of data feeds going into one or more data lake platforms
- Feed data into Hadoop or data lakes for analysis with other data types



It doesn't matter if your unique business needs demand direct data ingestion into Hadoop or streaming data ingestion through Kafka, Qlik Replicate delivers these benefits to your organization:

- **Support for many source systems with low impact** – Qlik Replicate is a single platform that supports many types of legacy sources, including DB2 z/OS, IMS, and VSAM. Our CDC technology identifies changes by scanning logs, which reduces the need to consume costly mainframe resources.
- **Simplicity (no coding required)** – Qlik Replicate is easy to configure through a wizard-based GUI. Quickly set up data feeds without manual coding.
- **High scale for data ingestion/streaming** – Our software scales to ingest data from hundreds or thousands of databases, and it features centralized monitoring and management.
- **Real-time data capture for Kafka** – With Qlik Replicate feeding live database changes to Kafka message brokers with low latency, your enterprise can broadcast data streams concurrently to multiple data lake targets.
- **Continuous updates into data lake environments** – Our software ingests incremental datasets continuously through enterprise-class CDC from many transactional sources to speed your major data integration projects.



Learn more at qlik.com/us/products/qlik-replicate.



About Qlik

Qlik's vision is a data-literate world, one where everyone can use data to improve decision-making and solve their most challenging problems. Only Qlik offers end-to-end, real-time data integration and analytics solutions that help organizations access and transform all their data into value. Qlik helps companies lead with data to see more deeply into customer behavior, reinvent business processes, discover new revenue streams, and balance risk and reward. Qlik does business in more than 100 countries and serves over 50,000 customers around the world.

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