Accelerate Your Data Pipeline and Decision Making

Qlik Replicate™ for Real-Time
Data Integration

LEAD WITH DATA™ Qlik Q

How businesses make decisions is changing. Historical transaction reporting and static batch data analyses are giving way to predictive data science, streaming analytics, machine learning (ML), and artificial intelligence (AI). Your enterprise must embrace these new paradigms for more informed, real-time decisions to tune operations, win customers, and capitalize on new opportunities — or risk being left behind.

What you need is a modern data architecture, and data lake, streaming, and cloud platforms have emerged as leading choices. But they require scale, speed, and data variety that breaks traditional integration tools. How can your environment evolve from slow tools requiring manually coded commands that tie up your best programmers to an agile foundation for efficient data pipelines?

The answer is Qlik Replicate (formerly Attunity Replicate). The foundation for modern, efficient data pipelines, our Qlik Replicate software provides automated, real-time, and universal data integration across all major data lakes, streaming systems, databases, data warehouses, and mainframe systems. On premises and in the cloud. With our solution, you can deliver more data to the business that's ready for agile analytics — all while reducing IT effort and cost.

Qlik Replicate is different. It moves data at high speed from source to target, simply and easily managed through a graphical interface that completely automates end-to-end replication. With our streamlined and agentless configuration, your administrators and data architects can quickly set up, control, and monitor bulk loads and real-time updates with enterprise-class change data capture (CDC). Finally, global visibility into and centralized control of data replication across your distributed, hybrid environment.

Easy to Use and Automated

An intuitive, web-based console makes it simple to configure, control, and monitor your replication tasks across all sources and targets without needing a deep understanding of the environment or coding requirements. Execute initial data loads, then transition automatically to continuous CDC for instant updates. Our Qlik Replicate software automatically generates target databases based on metadata definitions in the source schema. Any DDL changes made to that schema, such as table/column additions or changes to data types, can be replicated dynamically to the target.

Intelligent Management and Control

Qlik Enterprise Manager™ (formerly Attunity Enterprise Manager) empowers you to design, execute, and monitor thousands of Qlik Replicate tasks across distributed data center and cloud environments. Scale easily and monitor data flow in real time through KPIs and alerts. Customize your views by grouping, searching, filtering, and drilling down into key tasks to control complex replication activities across your enterprise. And when you want to, leverage comprehensive analytics for capacity planning and performance monitoring, or integrate with microservices architectures through REST and .NET APIs.

Broadest Platform Coverage in the Industry

Peerless, our Qlik Replicate software supports all major source and target systems for data replication. Got relational databases, data warehouse systems, Hadoop, streaming systems, cloud targets and mainframe systems? No problem. Years of innovation, optimization, and our strategic partnerships ensure our solution integrates data across all these platforms seamlessly.
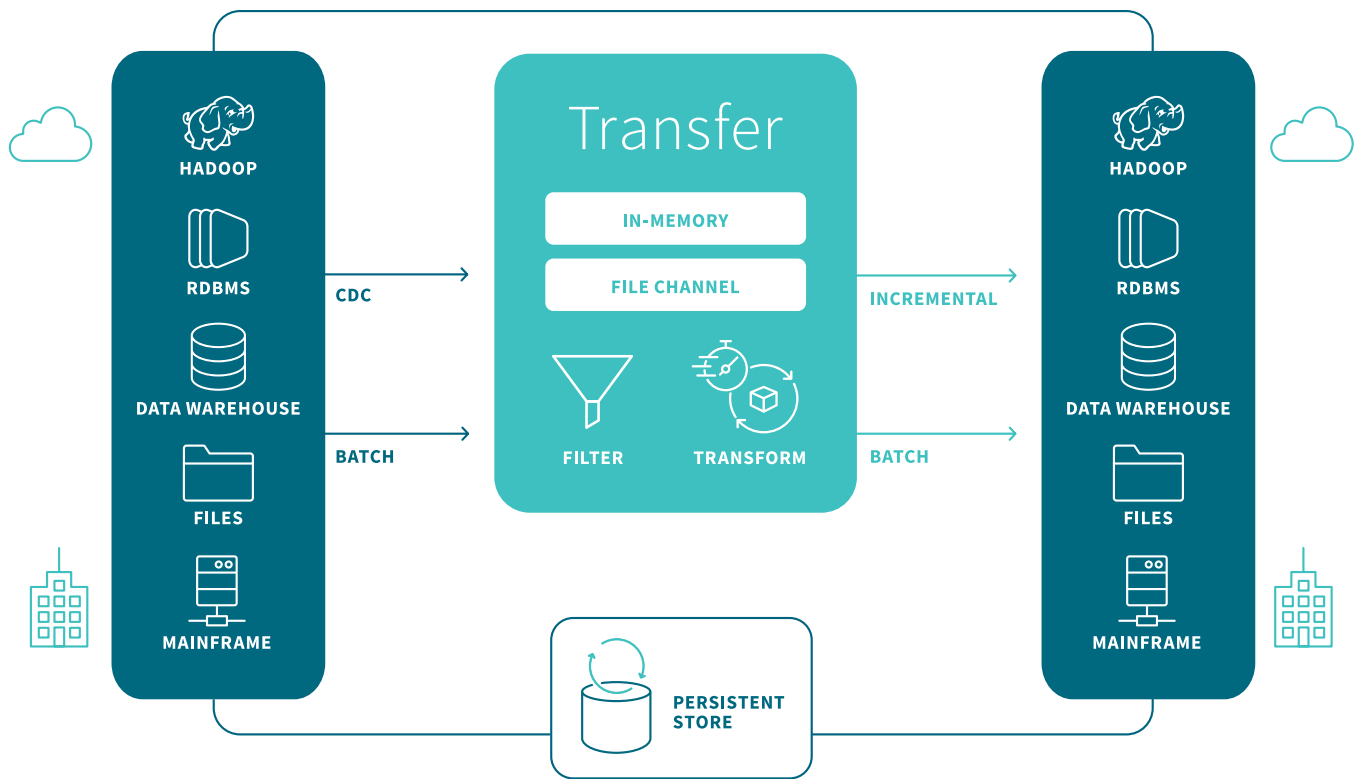
Benefits
- Speed migrations and analytics projects
- Reduce skill and training requirements
- Increase agility and meet business needs

Enterprise Use Cases
- Data lake ingestion
- Data streaming with Kafka
- Mainframe data modernization with Big Data platforms
- Real-time data warehousing Query offload and live reporting Enabling cloud analytics

Key Capabilities
- Advanced CDC addressing transactional, streaming, and batch architectures
- Centralized, simple "click to load" interface
- Automated end-to-end data replication
- Agentless connections to all environment end points
- Industry's broadest platform support — all major RDBMS and legacy systems, data warehouses, Hadoop and NoSQL platforms, on premises and in the cloud

Zero-footprint Architecture

Get agentless data replication for mainstream database systems with our solution. Qlik Replicate uses platform-native utilities, remote change log scanners, and secured client connections to eliminate intrusive agents, triggers, or timestamps on sources and targets — dramatically reducing your administrative burden and improving source production performance. For example, in lab tests using IBM's Data Server Driver to connect to DB2 z/OS results in significant production performance benefits:

- 85% reduction in source MSU (million service units)
- 75% cut in replication latency
- 95% reduction in loading time (Our agentless solution compared to agent-based technologies.)

Instant Updates

Our adaptable, enterprise-class Qlik Replicate CDC gives your organization options. Use it to copy and deliver transactions sequentially — in the same order in which they were applied to the source. Create optimized batches of changes to further optimize throughput and latency. And try integrating our Qlik Replicate CDC with native data warehouse loaders or feeding CDC changes to message streams.

Secure and High-speed Cloud Data Transfer

Attunity Replicate compresses, encrypts and transfers data in parallel streams into, across and out of cloud architectures, including Amazon Web Services, Microsoft Azure and Google cloud. Users also can now feed data from any source to cloud-optimized Snowflake SQL data warehouses.
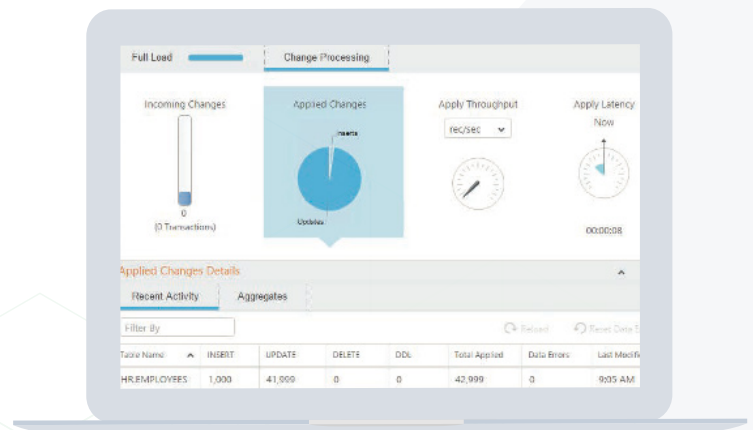
Easy Ingestion

Our Qlik Replicate software ensures high-performance data loading and publication to data lake ecosystems through native APIs. And it's certified with all the leading Hadoop distributions including Cloudera, Hortonworks, and MapR. Rest assured you have transactional consistency in Hadoop targets such as Hive data stores with our solution. It partitions updates by time so each transaction is processed holistically — eliminating the risk of partial or competing entries.

Universal Stream Generation

Databases easily publish events to all major streaming services, including Kafka, Confluent, Amazon Kinesis, Azure Event Hub, and MapR-ES when you use Qlik Replicate. Your organization can support multi-topic and multi-partition streaming, as well as flexible JSON and AVRO file formats. And you can separate data and metadata by topic to more easily integrate metadata with various schema registries.

Powering SAP Analytics

Saving your team time and headaches, our Qlik Replicate for SAP software easily and securely transfers SAP data, documents, and transactions into Hadoop and other external platforms, and automatically incorporates complex SAP text and descriptions into simple target table and column names. Our solution supports data collection from all your core SAP business applications — ERP, HR, CRM, industry-specific applications, and loading data into SAP HANA.

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

Qlik Q®

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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