

DATA INTEGRATION

# Modern DataOps for Analytics

Qlik's Data Integration Platform

Qlik's Data Integration Platform accelerates the discovery and availability of analytics-ready data by automating real-time data streaming, refinement, cataloging and publishing.

In a hyper-competitive business climate where real-time insights and decisions are critical, the need for agile analytics are driving new data architecture and integration requirements. Unlike traditional batch movement and ETL scripting approaches which are slow, inflexible and labor-intensive, Qlik's Data Integration Platform can automate the creation of data streams from core transactional systems, efficiently move it to applications, data warehouses, and data lakes on prem and in the cloud, refine it to make it immediately available via an Amazon-like catalog and marketplace experience. By quickly delivering data to the user without typical business friction, Qlik's Data Integration Platform enables the agility necessary to drive greater business value.

## Real-Time Data for Faster, Better Insights

Using Change Data Capture technology, Qlik's Data Integration Platform can intelligently deliver data from a wide range of systems to ensure users are always analyzing the latest information. Our approach is agentless and log-based so there is minimal impact to production systems. The Qlik's Data Integration Platform supports connectivity to over 30 different data sources, 40 different targets, and all of the major technology stacks for the public cloud vendors. And automatic data cleansing, validation, and profiling ensure data quality, and document the exact content, structure, and quality of each source.

## What is DataOps?

Increasing analytics requirements and rising demand from data consumers are creating complexity and bottlenecks within IT as many existing processes and technologies are insufficient.

Borrowing methods from the DevOps concept, which combines software development (Dev) and information technology operations (Ops) to improve the velocity, quality, predictability and scale of software development & deployment, DataOps seeks to bring similar improvements to data analytics. It focuses on the practices, processes, and technologies for building and enhancing data pipelines to quickly meet business needs.



## Agile Data Delivery

To fulfill ever-changing business needs and meet the demand for increasingly diverse data sets, Qlik's Data Integration Platform automates the creation of analytics-ready data pipelines to empower users to operate at the speed of business. A unified orchestration and management console allows the design, execution, and monitoring of integration tasks across large and growing business landscapes, both on premise and multi-cloud. And the Qlik Data Integration Platform can meet the needs of both IT and business users with the power to quickly perform complex data federation, modeling and transformations that can be executed at scale along with the ability to register new data sets to our catalog for immediate use by others.

## Trusted, Enterprise-Ready Data

Business users need to quickly find and be confident that the data they analyze is accurate, safe and verifiable. Qlik's Data Integration Platform includes a robust set of enterprise-scale quality, governance and collaboration capabilities to streamline DataOps processes, making sure that all data is completely validated, protected and secured from data ingest through delivery including role based obfuscation. It enables automation and scale of data management processes and gives data consumers powerful tools to find, understand, and use data based on their unique needs and security credentials. Data protection features are easy to administer even in very large settings with many users, data sources, or complex infrastructure. And by being centralized rather than departmental, Qlik's Data Integration platform allows collaboration and reuse between user groups across the organization.

# Capabilities

Qlik's Data Integration Platform combines the data streaming, replication and automation capabilities of Attunity products with the refinement and catalog capabilities of Qlik Data Catalyst.

## Qlik Replicate™

Automated, universal and real-time data delivery

- Change data capture (CDC) across the most comprehensive source and target platform support
- Large volumes of heterogeneous data from source systems
- Real-time delivery to Streaming & Cloud Platforms, Data Warehouses and Data Lakes

## Qlik Compose™

Automate creation of analytics-ready data mart & data lake structures

- Agile, model-driven automation without scripting
- Continuous integration for always fresh data
- Resilient to source schema drift
- Self-service data mart creation

## Qlik Enterprise Manager™

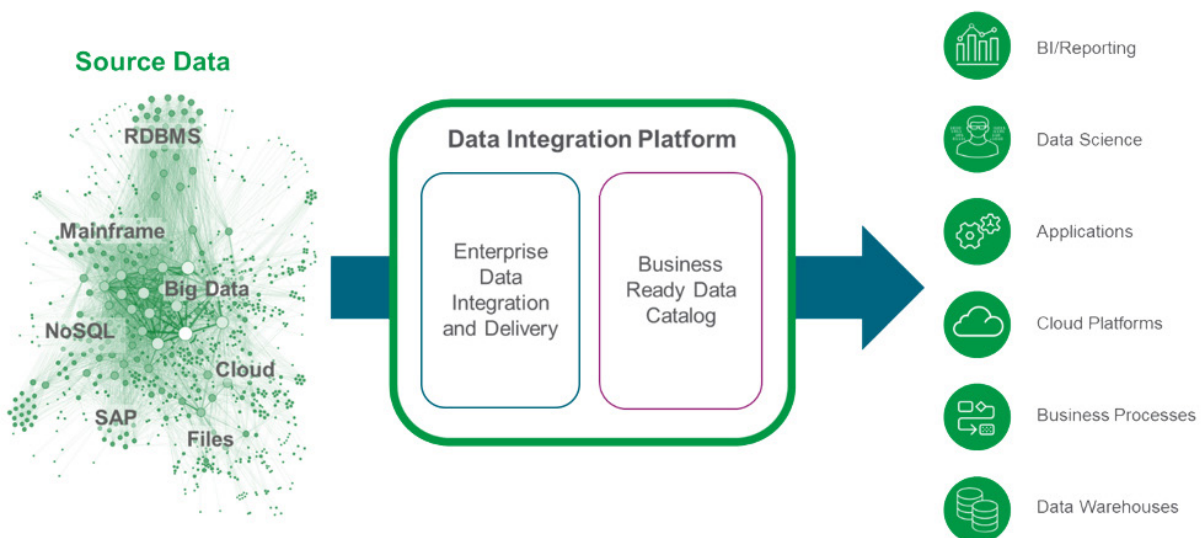
Command center to configure, execute and monitor data pipelines at scale

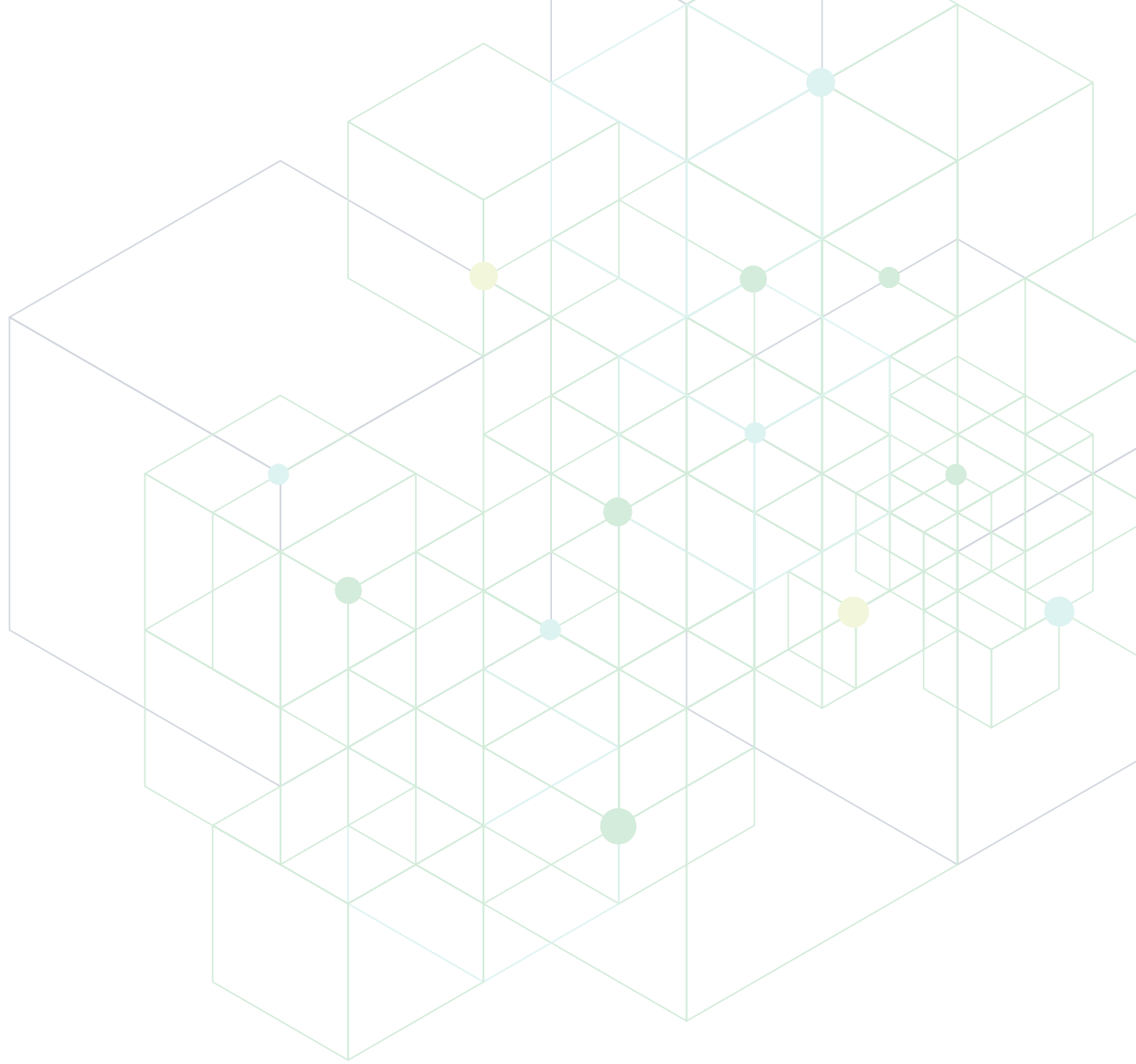
- Execute data pipelines at scale
- Metadata management & integration
- Complete governance & security
- Open APIs

## Qlik Data Catalyst®

Simplifies and accelerates cataloging, management, preparation and delivery of business-ready data to analytic tools

- Full data profile and automated data tagging
- One simplified view of all your data, including data lineage
- Prepare new data sets with simple drag and drop preparation steps, including combination of data sets, row and column filtering, and data transformations
- Actionable data, on-demand
- Enterprise-grade data management, including data encryption, obfuscation, and user access based on role





## 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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