

# Unleash your SAP data

Enable modern analytics  
with your SAP data on Azure



# Bringing your SAP data to life

The digital age demands instant access to the information necessary for better decision-making, improved operations, optimized customer service, and competitive advantage. Everyone in your business—from analysts to managers to the C-suite—can benefit from easy access to the latest and most accurate data. This is DataOps: a state of vastly accelerated discovery and availability of real-time, analytics-ready data through automated data streaming, refinement, cataloging, and publishing. That includes making production data seamlessly available—wherever it's needed—across diverse platforms and hybrid environments.

With modern data integration, organizations should be able to achieve a model that delivers data in real time to any analytics environment, including Power BI, and beyond. Seems like a no-brainer for business success in the digital age. So, what's standing in the way?

**Let's talk about that SAP data.**

## The Opportunity and Challenge in Unleashing SAP data

With SAP data being so valuable to organizations, making it available in real-time in cloud analytic platforms such as Microsoft Azure data services (Azure Synapse, Azure SQL Database, Azure HDInsight, Azure Event Hubs, and Azure Databricks) can provide agility in faster time to value. However, getting SAP data into environments like Azure is challenging due to the inherent complexity and proprietary nature of SAP applications and respective data models and systems. SAP is a comprehensive system often comprised of tens of thousands of tables with complex relationships, as well as data formats that make data inaccessible outside of SAP applications. This can make integrating SAP data for analytics a difficult, time consuming, and costly undertaking, limiting analytic modernization initiatives.

# Realizing the value of your SAP data

The Qlik Data Integration platform (formerly Attunity) removes the business and technical challenges of complexity, time, and cost while offering greater flexibility for your SAP data in downstream analytics initiatives.

## Get the data you need

Qlik Data Integration accelerates the availability of SAP data to Azure with its scalable change data capture technology. Qlik Data Integration supports all core SAP and industry modules, including ECC, BW, CRM, GTS, and MDG, and continuously delivers incremental data updates with metadata to Azure Synapse in real time.

## Automate the data-warehouse/lake pipeline

Once your SAP data is landed in Azure Synapse, Qlik's model-driven workflow automates the data pipeline without the hand coding associated with traditional ETL approaches. Qlik's automated data-mart provisioning simplifies the data-warehouse lifecycle.

## Make trusted analytics-ready data

Qlik enables every business user to intelligently discover curated SAP data-marts, preview, and augment with data from across the enterprise. Users publish data sets in a variety of formats that are ready for use with their analytics tool of choice.

## Discover the value of your SAP data

When data leads, transformation follows. Use your newly liberated SAP data for strategic analytics initiatives such as:

- **Real-time insights**—Maximize efficiency by using “in-the-moment” SAP data to deliver business insights that quickly uncover trends.
- **SAP + non-SAP data**—Blend critical, high-value SAP data with non-SAP data for advanced analytics for fresh new insights.
- **BI + Machine Learning**—Bring newly discovered SAP data to the Azure BI and Machine Learning platform for predictive analytics and better business outcomes.

# Extending your SAP data to Azure

Qlik Data Integration easily and rapidly delivers SAP objects, transactions, and system data to Azure data services including Azure Synapse, Azure SQL Database, Azure HDInsight, Azure Event Hubs, and Azure Databricks. Gain insights through automated and governed pipelines to the analytics applications of your choice.

## CDC streaming and data migration

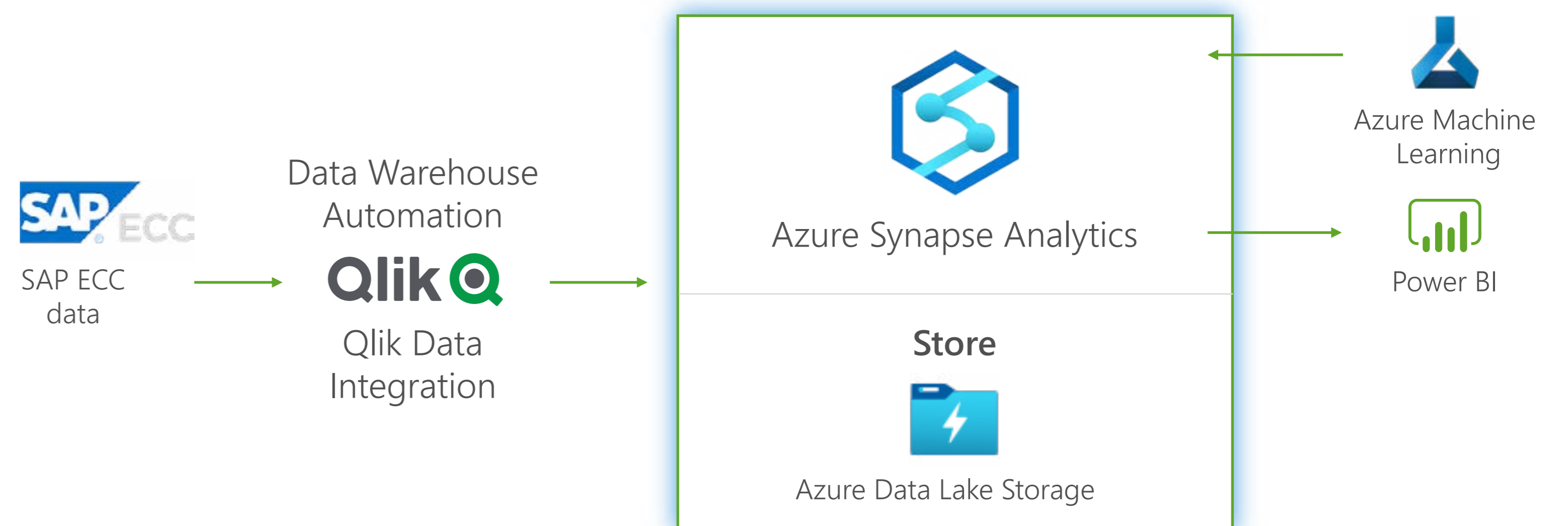
Deliver real-time SAP data to Azure targets for modern analytics and AI projects.

## Data warehouse automation

Automate and augment Azure Synapse with SAP and enterprise data for agile data warehousing.

## Managed data-lake creation

Continuously deliver and refine SAP data for analytics-ready data lakes without coding.



**Easily bring SAP data into Azure using Qlik Data Integration  
for accelerated time-to-insight**

# A breathtaking view of all your data with a powerful, secure, unified cloud analytics solution

Because Qlik operates in the Azure cloud, integrating SAP data with powerful analytics solutions is seamless. Whether you need to create a scalable data warehouse or augment your analysis with machine learning, Qlik + Azure Synapse Analytics provides accelerated time-to-insight.

Azure Synapse is a limitless analytics service that combines enterprise data warehousing and big-data analytics. It gives you the freedom to query data on your terms, using either provisioned or serverless resources—at scale. Azure Synapse features include:

- Vertical and horizontal data-warehouse scaling
- Deeply integrated Apache Spark and SQL engines in Azure Synapse
- Choice of query languages in Azure Synapse including T-SQL, Python, Scala, Spark SQL, and .NET

Azure Synapse enables you to query both relational and nonrelational data using the familiar SQL language. Discover insights from all your data faster using Azure Synapse and Qlik Data Integration.

Transform data from any source—including SAP—and build an engine for business-changing insights available to anyone in your organization.

The powerful combination of Qlik Data Integration and unified analytics with Azure Synapse improves your IT and development organizations' productivity. End-to-end automation of the replication pipeline lowers costs, unifies your data into a single analytics solution, and boosts agility while reducing your management burden.

**Bottom line:** You save money, time, and resources—while driving greater business momentum with insights from all your data.

## How will you use your SAP data?

“The speed of data replication through Qlik Data Integration is **transformational** for us, doing now in hours what used to take us weeks. We’re now able to replicate data from our core business applications like SAP—which houses our asset, customer, and employee transactional data—and make it more readily available through Azure to our analysts and data scientists. They are now finding new ways to improve services and KPIs such as reduced leakage and supply interruptions, resulting in enhanced customer service, asset performance and business productivity. This has also enabled us to accelerate the decommissioning of two legacy data warehouses, creating IT operational efficiencies and expected cost savings.”

- **Melissa Tallack**,  
Head of Data and  
Digital Services at  
Anglian Water Services

# Driving your SAP analytics success with Qlik and Microsoft

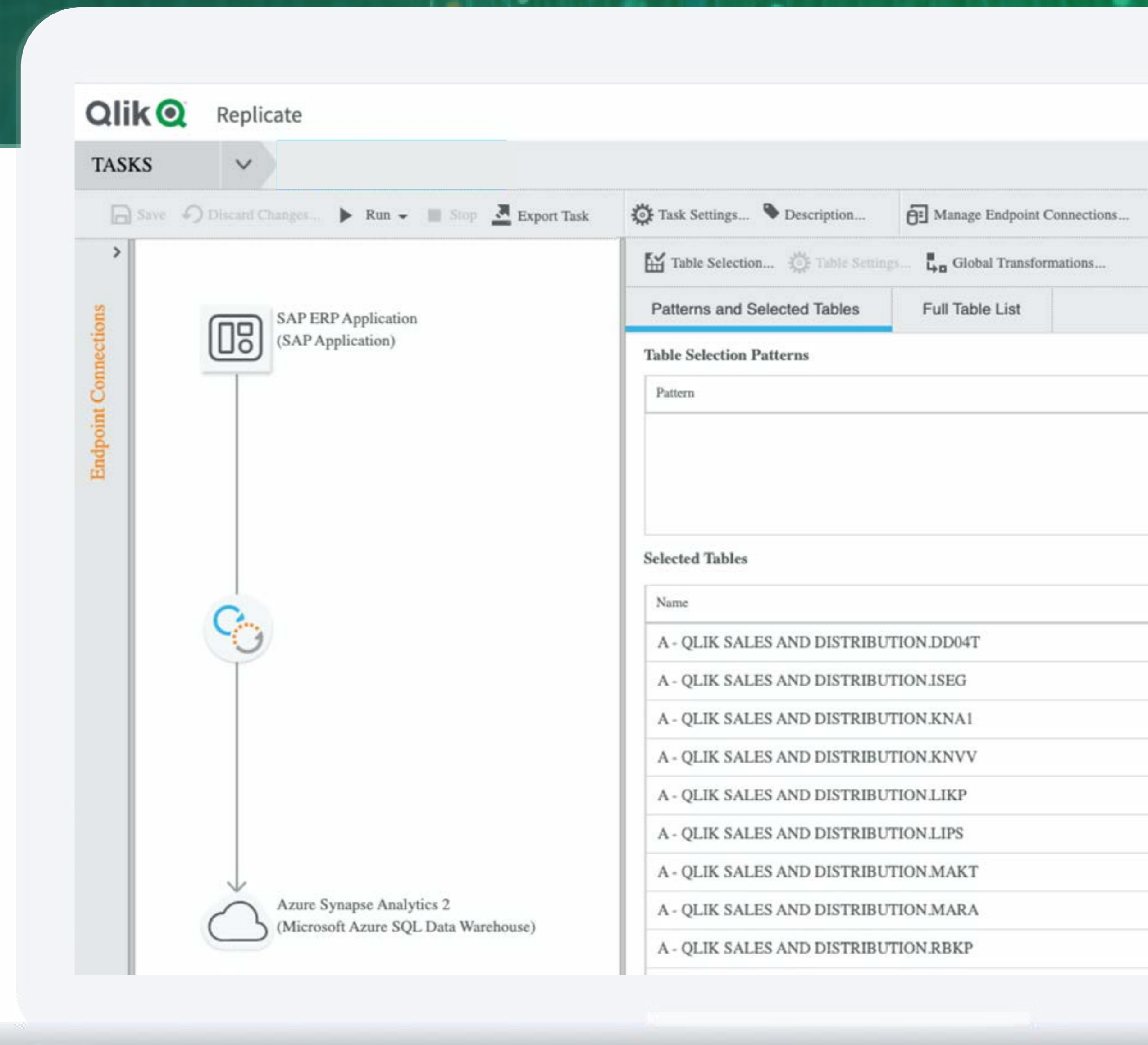
Qlik and Microsoft have been strategic partners for over a decade and have worked together to ensure all your data works seamlessly on Azure. This strong alliance offers you more freedom and flexibility to choose where data should reside, where the analytics should take place, and how and where your users can seamlessly access SAP data, whether on-premises or in the Microsoft Azure cloud. Qlik is a recognized Microsoft Gold Partner and has a competency in the area of data and AI with proven expertise in delivering solutions for Azure data migrations.

[Find out how Qlik and Azure make migration, data ingestion, and automation easy.>>](#)



**SAP® Certified**  
Integration with SAP HANA®

Gold  
**Microsoft Partner**  
Data Platform  
Microsoft



# 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.

