

# Qlik Active Intelligence for IoT

From data to proactive actions

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**Qlik**  LEAD WITH DATA™

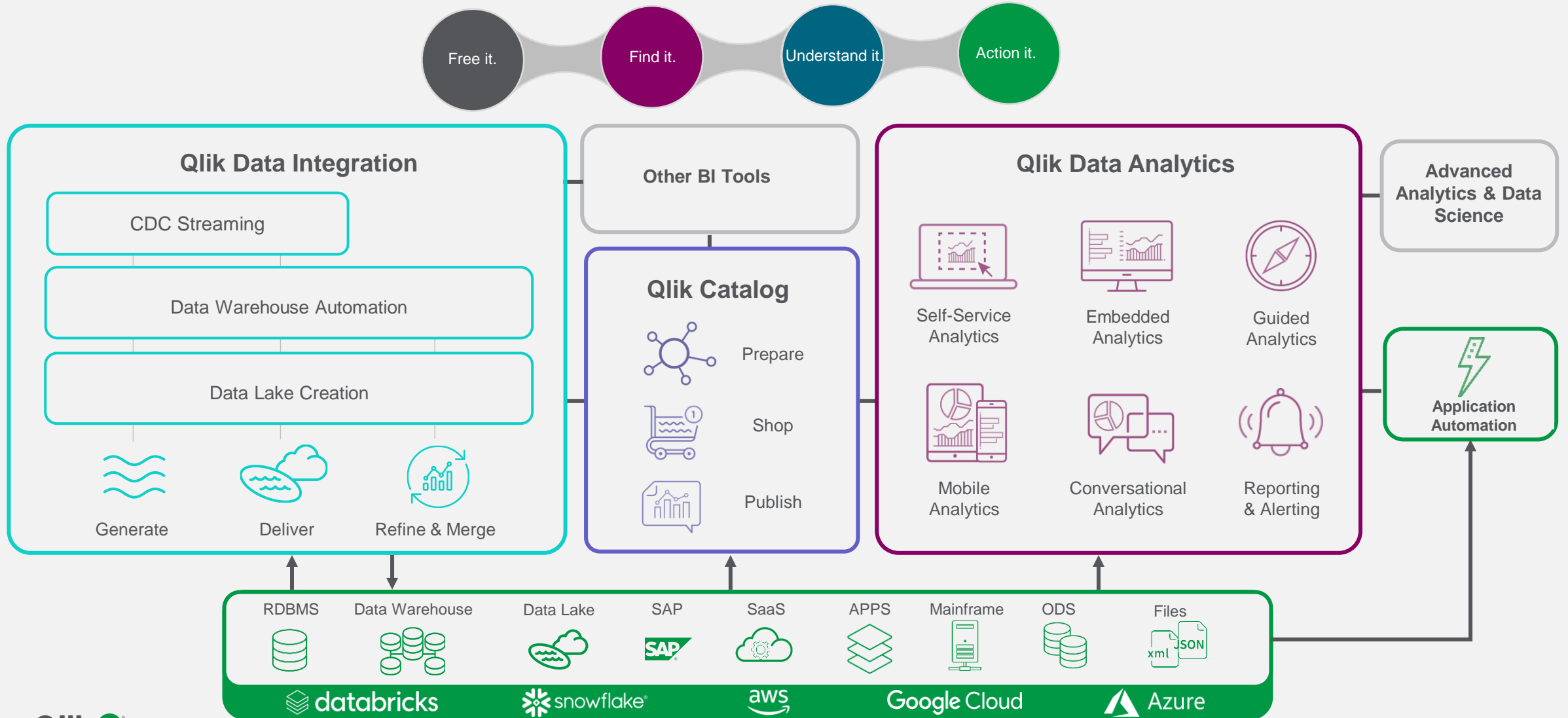


# Role of Analytics

**“processing of data streams, such as device, enterprise and contextual data, to provide insights into asset state by monitoring use, providing indicators, tracking patterns and optimizing asset use”**

*Gartner Magic Quadrant – Industrial IOT platforms*

# Qlik Open End-to-End Platform



# Doing Business At the Speed of Data

## TRADITIONAL BI

Based on pre-configured, curated datasets, and designed to inform but not necessarily compel action.

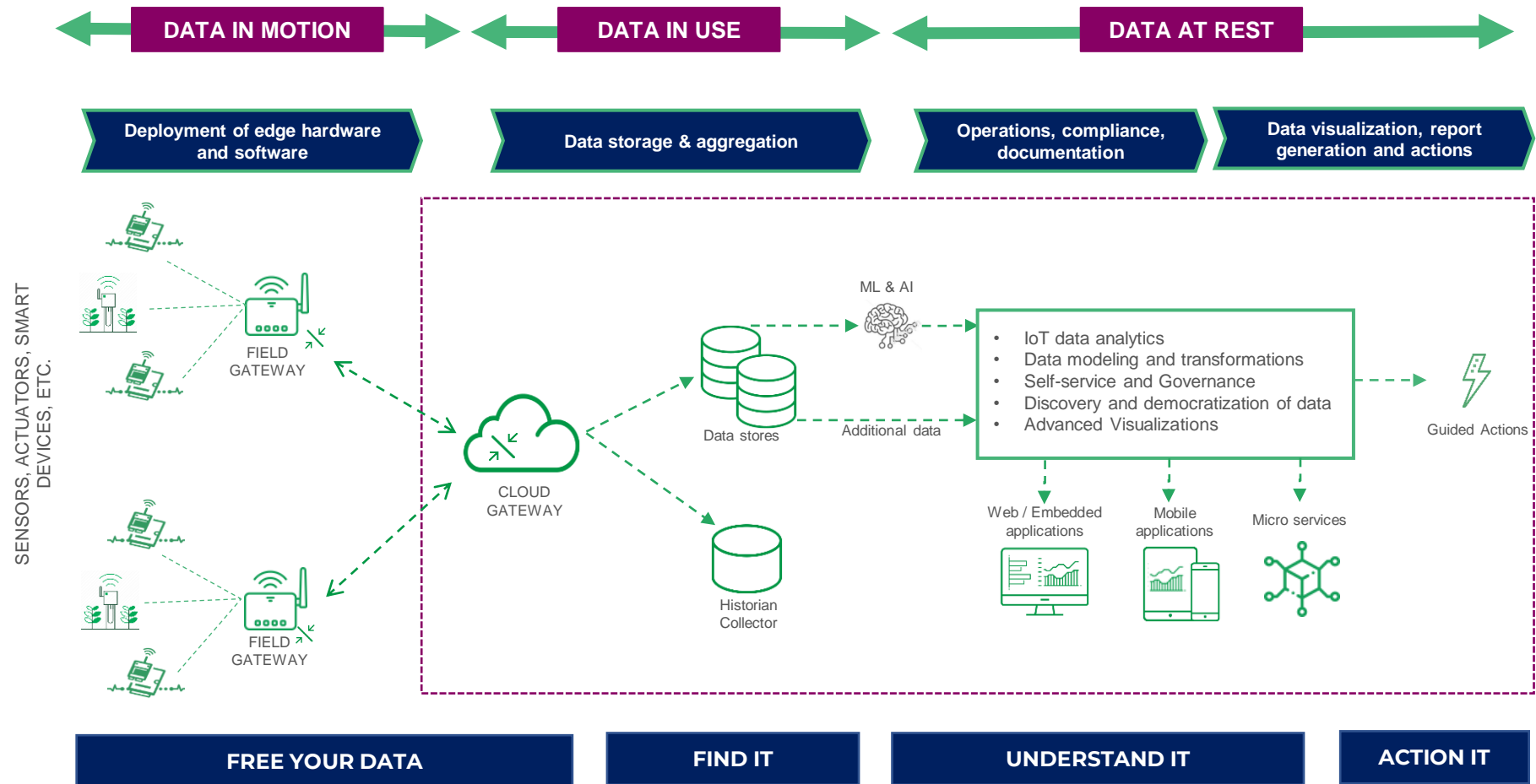


## ACTIVE INTELLIGENCE

Based on continuous intelligence from real-time, up-to-date information, and designed to trigger immediate actions.



# Active Intelligence of Things



# IoT embedded analytics Use Cases

## Manufacturing & High Tech

- Production efficiency and scrap reduction
- Quality & Machine Breakdown
- Asset tracking

## Healthcare

- Telehealth
- Emergency care
- Contact tracing

## Communications

- Customer Segmentation/Churn
- Quality/Process Control
- Next Best Offer/Action

## Financial Services

- Credit Risk Analysis
- Wireless payments
- Fraud Detection



## Public Sector

- Smart cities
- Public Transport improvements
- Education

## Retail & Consumer

- Customer experience
- Inventory monitoring
- Smart shelves

## Environment

- Pollution
- Smart farming
- Forest monitoring

## Energy & Utilities

- Smart metering
- Energy savings
- Peak Demand

# ShopperTrak

ShopperTrak, a subsidiary of Johnson Controls, provides retail analytics services to over 2,000 companies, where it has installed thousands of sensors that track the shopping habits of billions of shoppers around the world.

- ShopperTrak sensors generate huge amounts of data with Qlik Sense and NPrinting being used to collect and analyze that data and support the ShopperTrak Retail Analytics Platform (STAN).
- This service streamlined report generation on topics such as customer traffic and 'sales-per-shopper' and speeds up the onboarding of new clients.
- Qlik Sense's scalability, easy integrations, and powerful associative engine allows ShopperTrak to build solutions quickly and efficiently. ShopperTrak can go from the research and prototype phase to a client-facing solution faster than ever before.

For solution installed

**150,000**

**SENSORS**

Track the habits  
of approximately

**40 BILLION**

**GLOBAL SHOPPERS**

*"With Qlik Sense, ShopperTrak is transforming the retail landscape.  
We are no longer looking at a retail apocalypse but are focused on retail boom."*

**Vladmir Komarov**, Manager, Advanced Analytics, ShopperTrak

Links: [video](#) **Upshot**  
by Influitive

**ShopperTrak**

# Montrans

Montrans is Russia's leading transport monitoring company whose satellite-based object monitoring systems are now used by over 1,000 companies. It serves both small corporate vehicle fleets and the largest and strategically important infrastructure projects in Russia and the CIS, including Moscow International Airport, Power of Siberia, PSJC Gazprom, TurkStream and Yamal LNG.

- The Montrans Analytics cloud solution is a comprehensive fleet management and control product that simplifies financial and technical administration tasks by combining all data under a single management and control standard.
- Sensors monitor the condition of the vehicle, its location and movement, mileage and fuel consumption, engine hours and how it is being driven.
- Using comprehensive analytics dashboards, information can be analyzed by periods, types of vehicles and branches, and scores are generated for factors such as driving, safety, the volume of production output and the level of profitability.

Tracking  
**30,000+**  
vehicles

OVERALL FLEET  
EFFICIENCY GAINS OF  
**28%**

**60%**

LOWER DATA COSTS

**30%**  
REDUCTION IN  
PAPERWORK

*"I have seen how Qlik has grown and it energizes me. Its example will enable us to grow Montrans to many times its current size because I see our future in this Data Analytics technology platform."*

**Stanislav Emelianov**, Managing Partner, Montrans

Links: [video](#) [pdf](#)





*Thank you!*

**Qlik** ®

LEAD WITH DATA™

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For more use cases and insights:

