

Nine Cloud and Data Market Trends to Watch

IDN Cloud Architecture Summit

Clive Bearman
Director of Product Marketing
Attunity a Division of Qlik

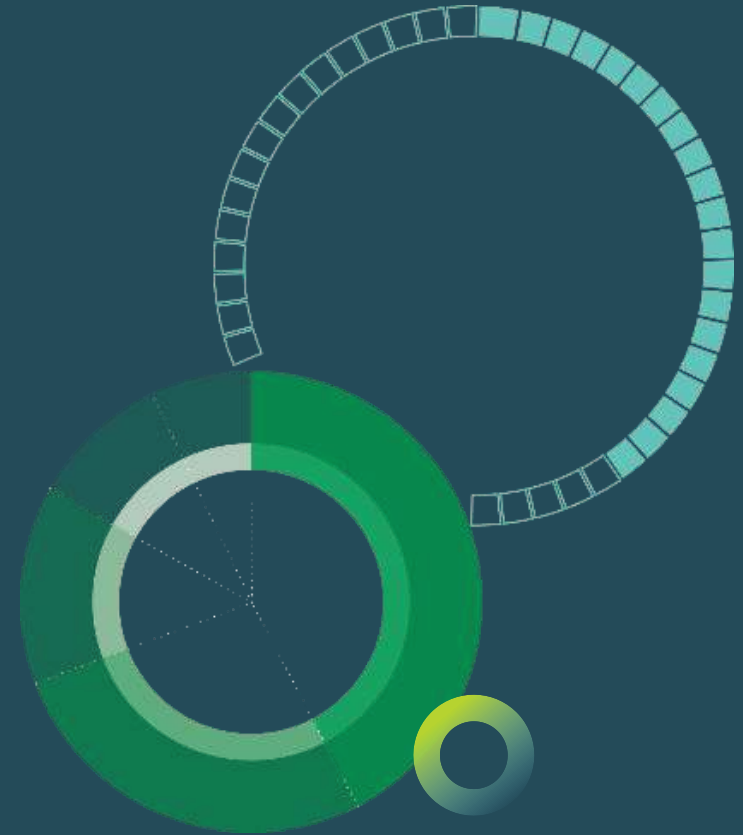
Qlik  LEAD WITH DATA™



Agenda

- Cloud and data-market trends
- New and emerging requirements
- Demonstration
- Attunity and Qlik
- Summary and next steps

Cloud and Data Market Trends



Market Trends



Continues to be massive adoption of Cloud – AWS still leading, but Microsoft and Google are coming on strong.

Key concern: Data governance & security



Multi-cloud not uncommon, especially in larger enterprises

Key concern: Data integration



Streaming has gone mainstream

Key concern: Data stream generation and processing

Market Trends (contd.)

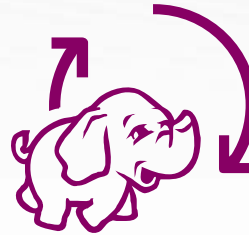


**Data warehousing is
“making a comeback”.**

Key concern:

Data loading (short term)

New tooling (longer term)



**Turbulent times for
Hadoop. Cloudera,
MapR, Open Source.**

**Shift in “Data Lake”
terminology, technology
and understanding**

Key concern: Lifespan



**Emergence of new data
platforms**

**Key concern:
Operationalization**

Market Trends (contd.)



AI/ML hype is off the charts!

Key concern: Training data workflow



BI and analytics consolidation

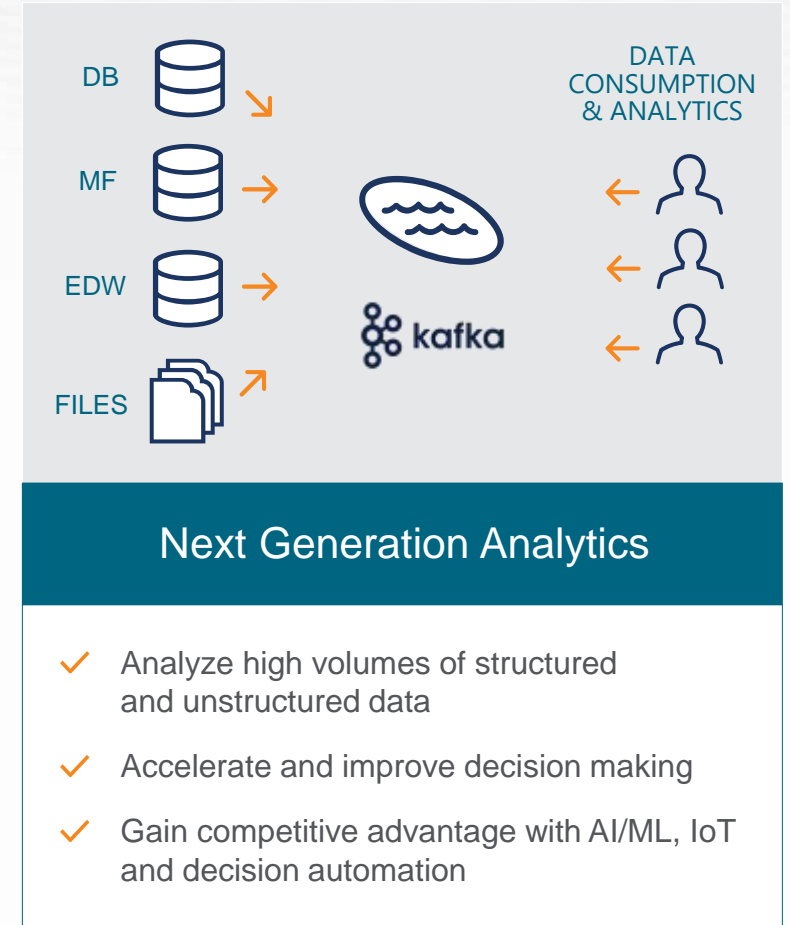
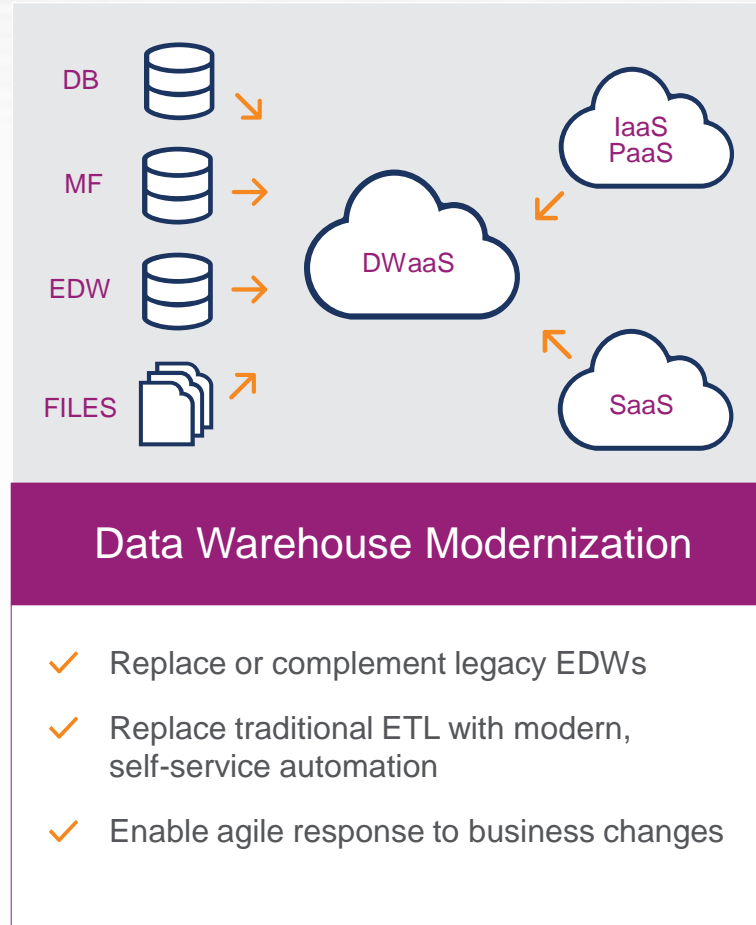
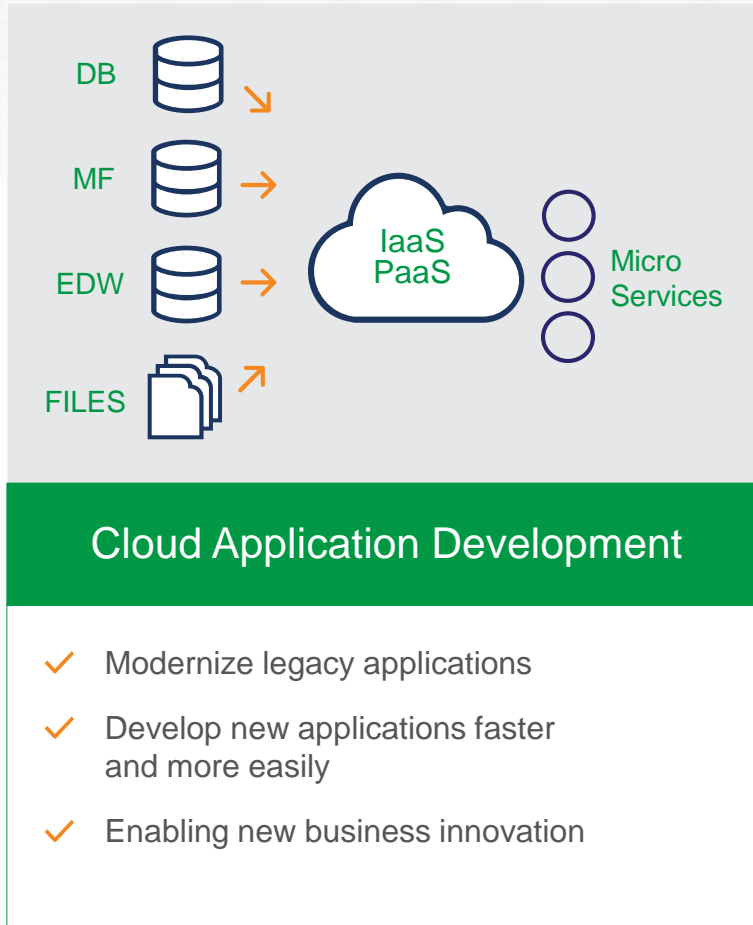
Key concern: Lock-in



Emerging DataOps discipline

Key concern: Best practices

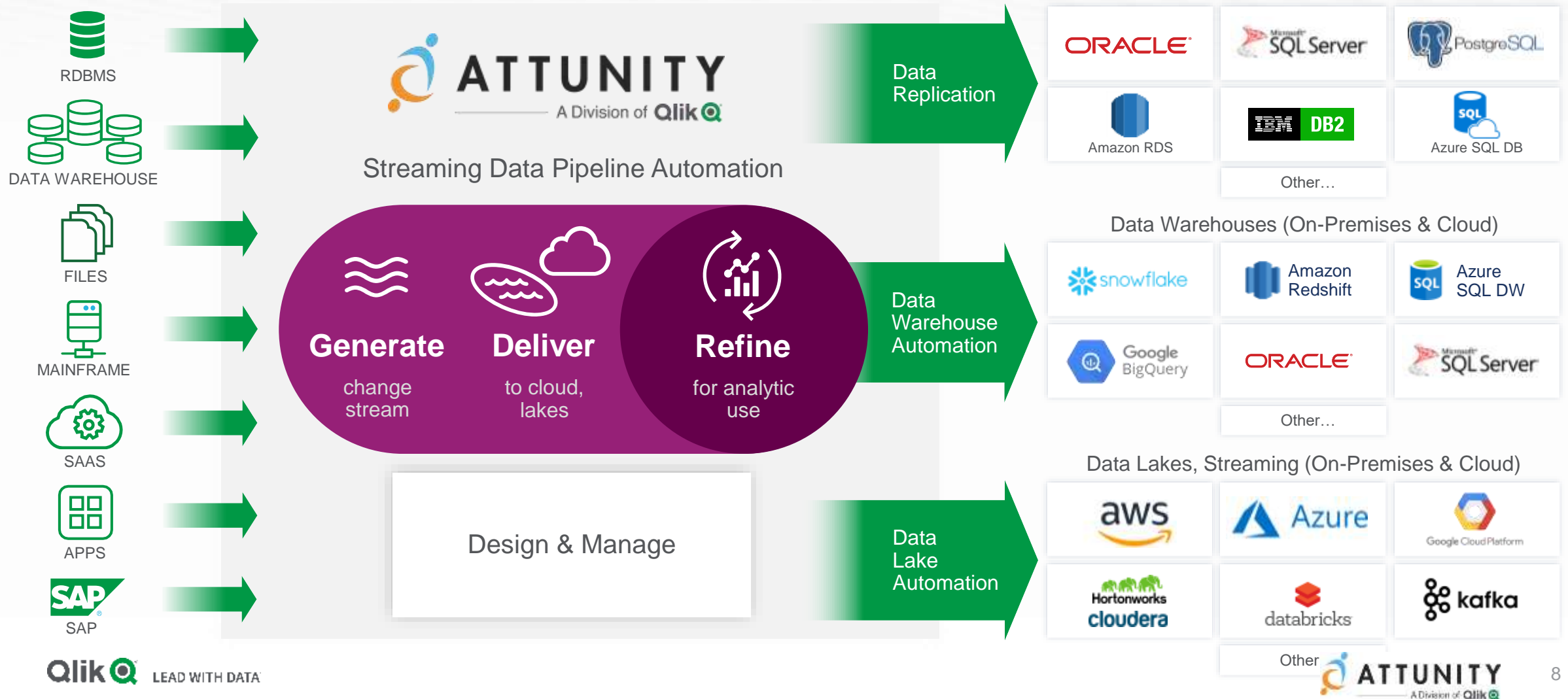
Market Trend Categories



Enterprises require greater agility, elasticity and efficiency

Attunity Solution

Enable DataOps for Analytics



Attunity Product Portfolio

Data Movement Automation (Replicate)

- Real-time data replication
- Low impact capture (CDC)
- Traditional, cloud, data lakes, big data etc. support

Data Lake Automation (Compose)

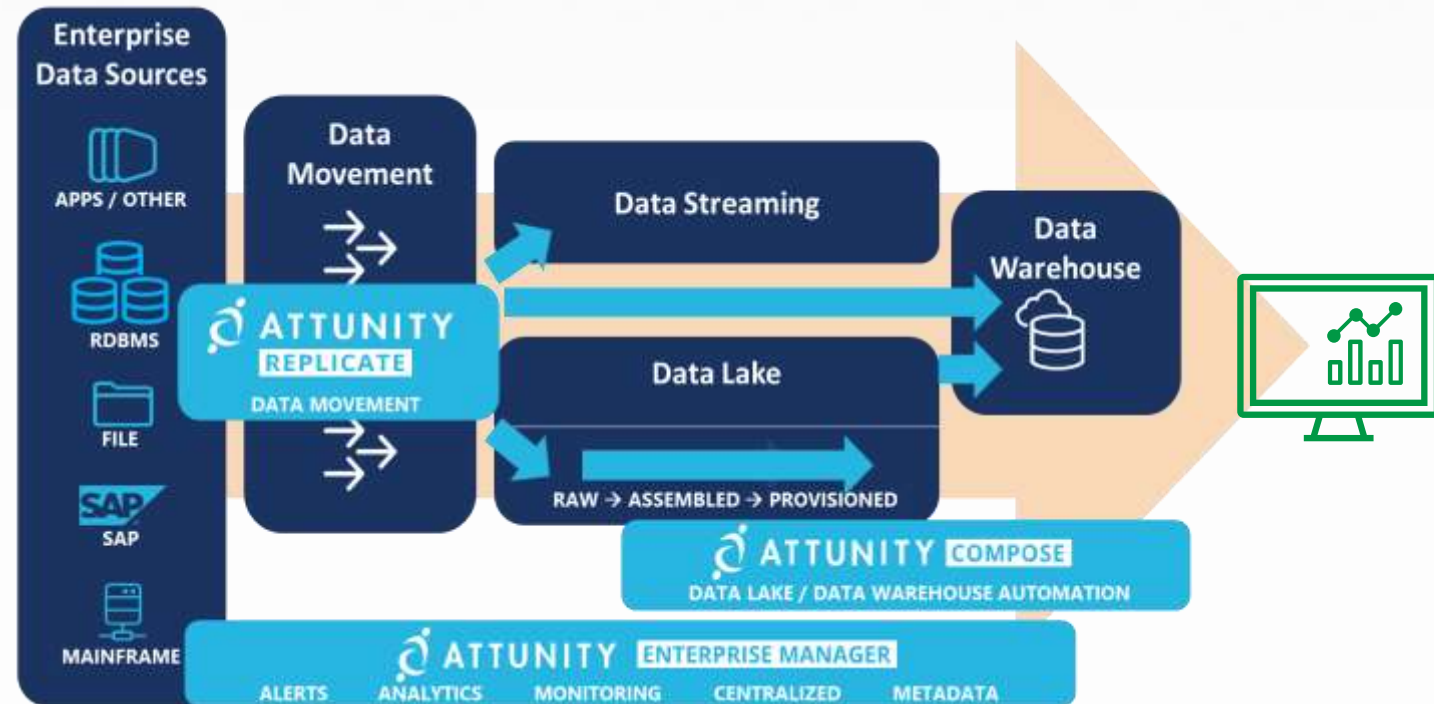
- Automated schema evolution
- “Multi-Zone” approach
- Analytics-ready data provisioning

Data Warehouse Automation (Compose)

- Agile, model-driven approach
- Enforced best practice architecture
- ETL (E-LT) code generation for DW

Centralized Management (Enterprise Manager)

- Operational monitoring & management
- Metadata services & analysis



The Attunity Difference

1

Real-time data

Architected for real-time change data capture and analytics ready data delivery

2

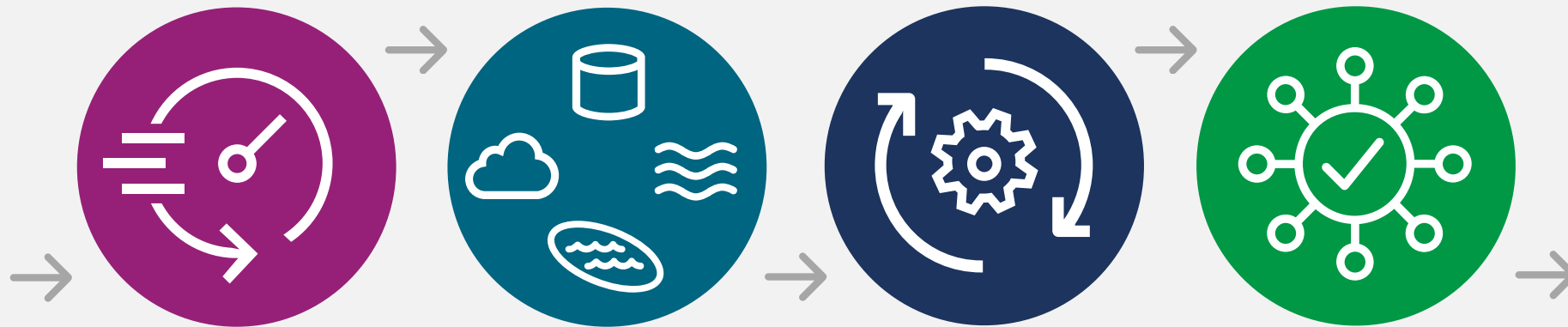
Universal

Seamlessly move real-time data between relational, mainframe, Big Data, EDW, cloud, file systems and applications with one pipeline solution. No hidden agenda.

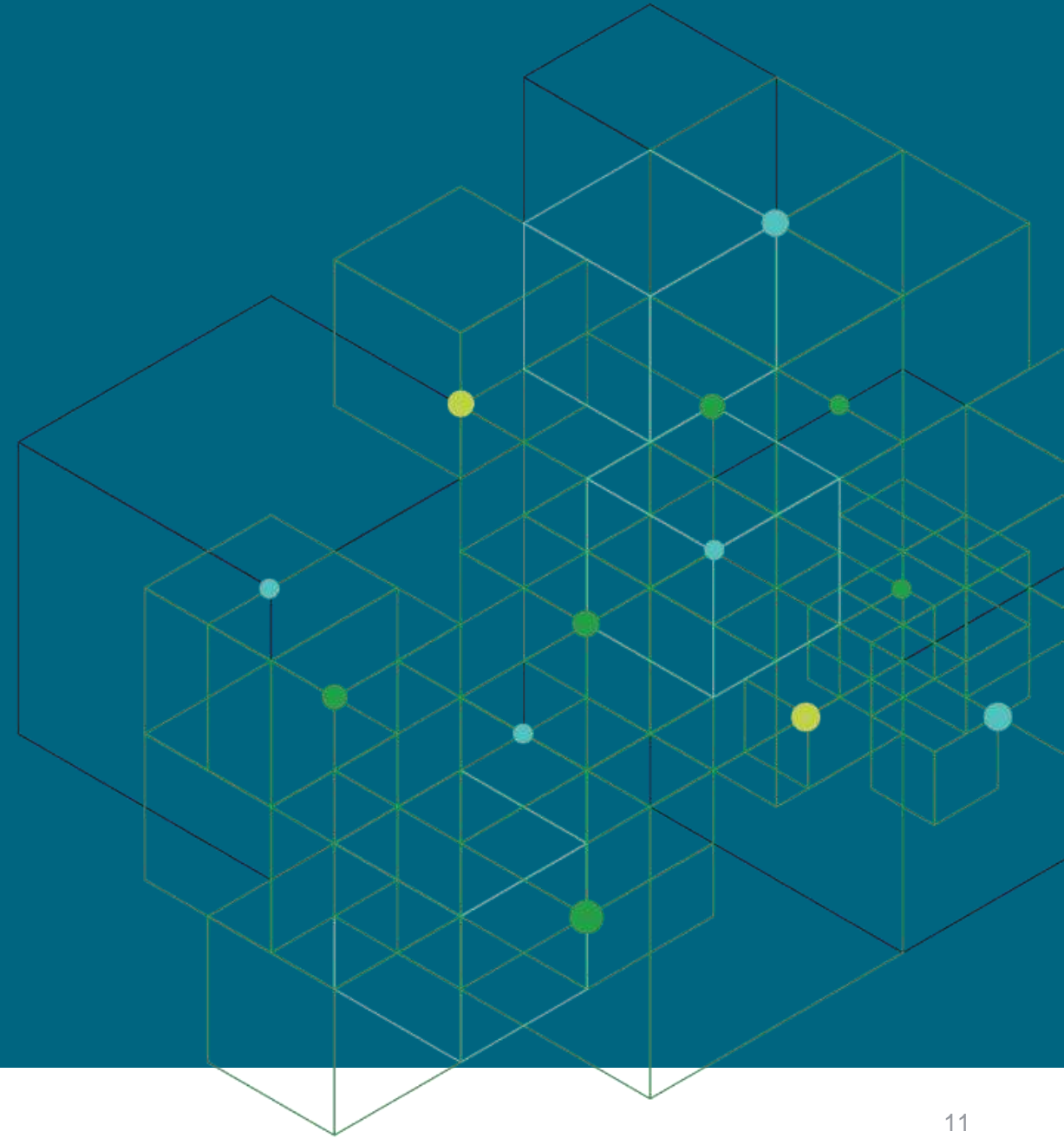
3

Automated

End to end automation includes target table creation, mappings, schema synchronization, EDW/Data Mart and data lake creation, management and documentation



Demonstration



Test Drive Attunity Replicate

- ✓ Nothing to download or install
- ✓ Preconfigured/on-demand lab in the Cloud
- ✓ Current version of Attunity Replicate
- ✓ Covers common usage patterns
 - RDBMS->RDBMS
 - RDBMS->Hadoop
 - RDBMS->Kafka
- ✓ Well documented tutorial
- ✓ 4 hour experience





PRODUCTS ▾ SOLUTIONS ▾ SERVICES & SUPPORT ▾ CUSTOMERS PARTNERS ▾ COMPANY ▾ RESOURCES ▾

FREE TRIAL

EXPERIENCE THE NEW ATTUNITY REPLICATE TRIAL

In a Pre-configured, No-risk Cloud Environment

TAKE A TEST DRIVE TODAY

Trusted by **Half the Fortune 100** and **2000+ Customers**



Test Drive Attunity Replicate

- ✓ Nothing to download or install
- ✓ Preconfigured/on-demand lab in the Cloud
- ✓ Current version of Attunity Replicate
- ✓ Covers common usage patterns
 - RDBMS->RDBMS
 - RDBMS->Hadoop
 - RDBMS->Kafka
- ✓ Well documented tutorial
- ✓ 4 hour experience



Attunity and Qlik Vision



Democratization of Data


Real Time Data for Faster, Better Insights


Agile Data Delivery


Trusted, Enterprise Ready Data

Source Data

RDBMS


Mainframe



NoSQL


Files


Big Data


Cloud


RAW

 **ATTUNITY**
A Division of Qlik

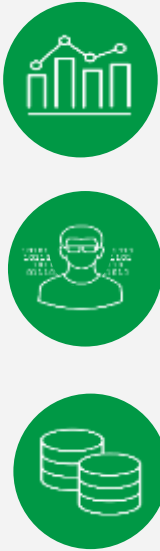
Enterprise
Data
Integration
and Delivery

READY

Qlik 

Data Catalyst
Business
Ready Data
Catalog

OPTIMIZED



BI/Reporting

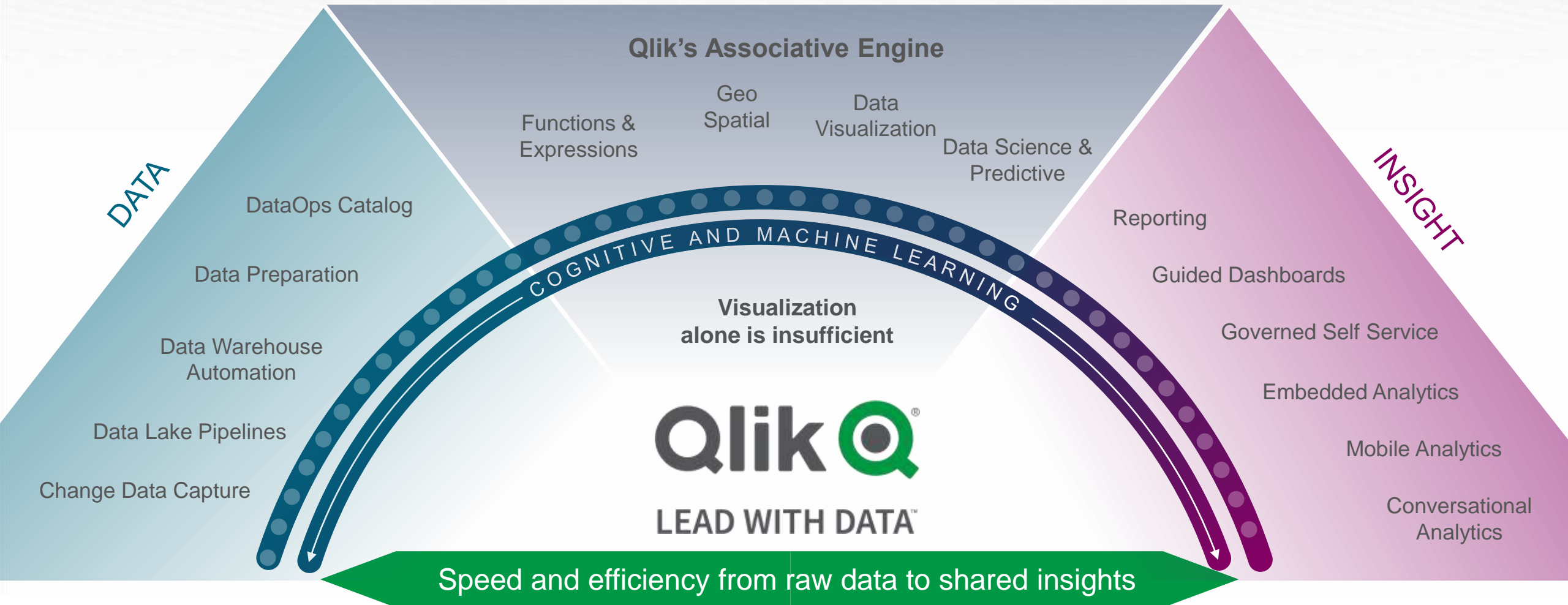
Data Science

Applications

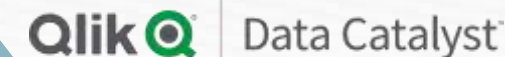
INSIGHTS

Qlik Data and Analytics Supply Chain

ANALYTICS



Data Integration Platform



Data Lake Pipelines
Orchestration and automation
Analytics-Ready Datasets

Data Warehouse Automation
ETL generation, Self-Service Marts,
Cloud Optimization

Data Preparation
Enrichment, transformation,
protection of derivative
datasets

Change Data Capture
Real-time streaming, replication,
Efficient Cloud Delivery

DataOps Catalog
Profiling, Lineage,
Governance, Collaboration,
and Provisioning

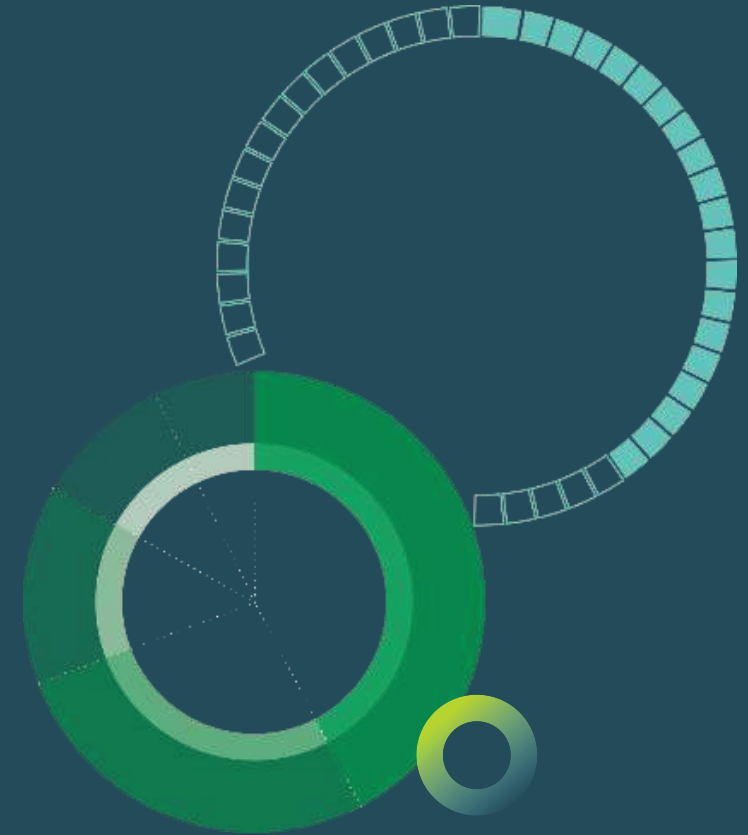
COGNITIVE AND MACHINE LEARNING



LEAD WITH DATA™

Your Data Strategy

Summary & Next Steps



Summary

The Next Phase of Cloud and Data



From Batch
to
Real-Time Data Delivery

From Slow Development
to
Agile Automation

Next Steps

Register

Try the Attunity Replicate Test Drive for yourself.

<https://discover.attunity.com/replicate-test-drive>



Read

The statement of direction about the Qlik Data Integration Platform



Download

Check out the resources from today's webinar

