



Real-World Real-Time Digital Transformation

Steve Wilkes - Striim CTO & Co-Founder

Digital Transformation

Digital transformation is the integration of digital technology into all areas of a business resulting in fundamental changes to how the businesses operates and how they deliver value to customers



Transforming All Aspects of Business



CUSTOMER EXPERIENCE & ENGAGEMENT



OPERATIONAL EXCELLENCE & EFFICIENCY



RISK, SECURITY & COMPLIANCE



INNOVATIVE NEW SERVICES

Affecting Every Industry



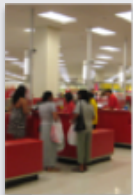
Financial
Services



Healthcare



Manufacturing



Retail



Communication



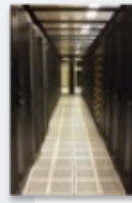
Transportation/
Logistics



Insurance

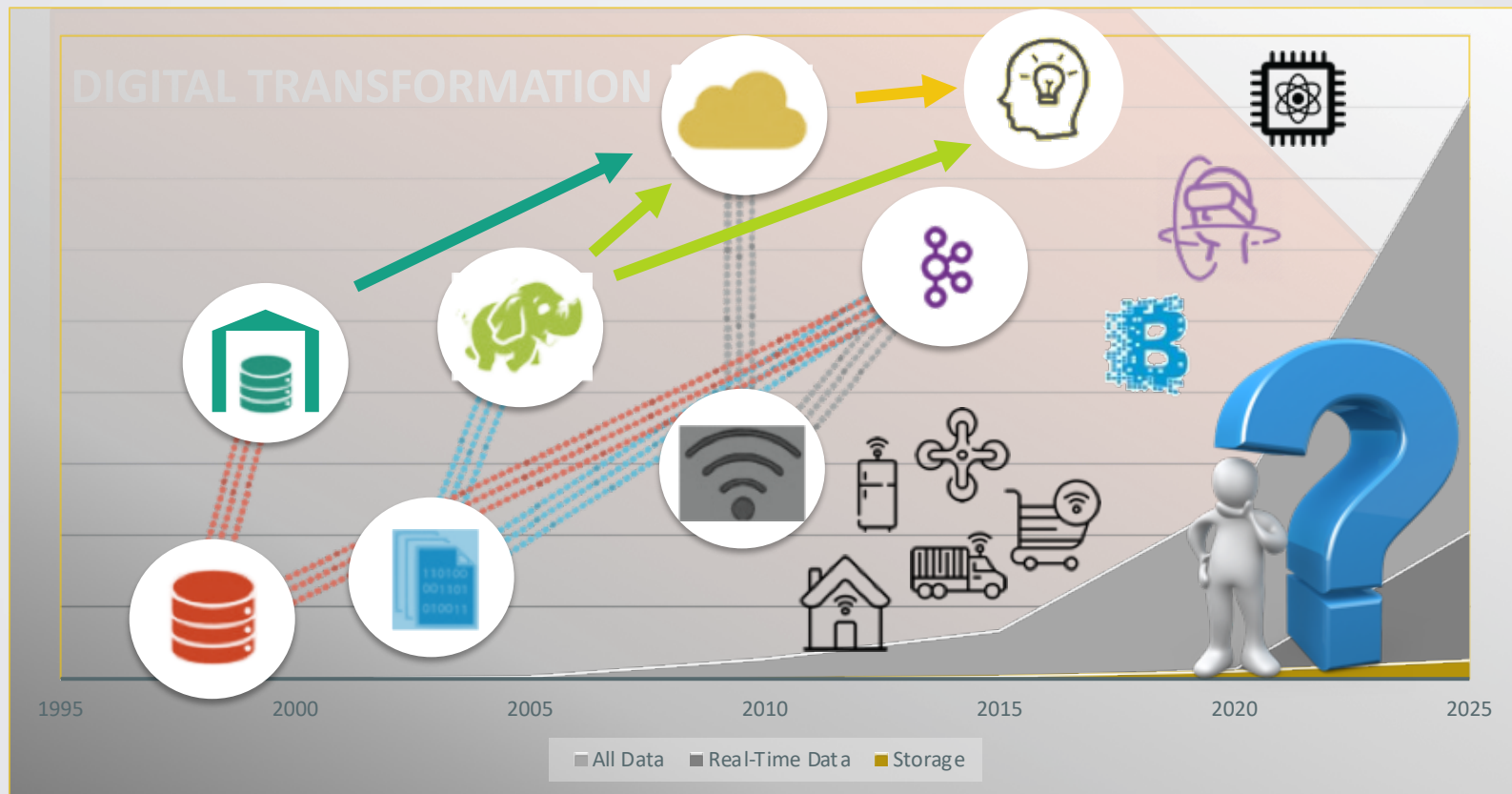


Public Sector

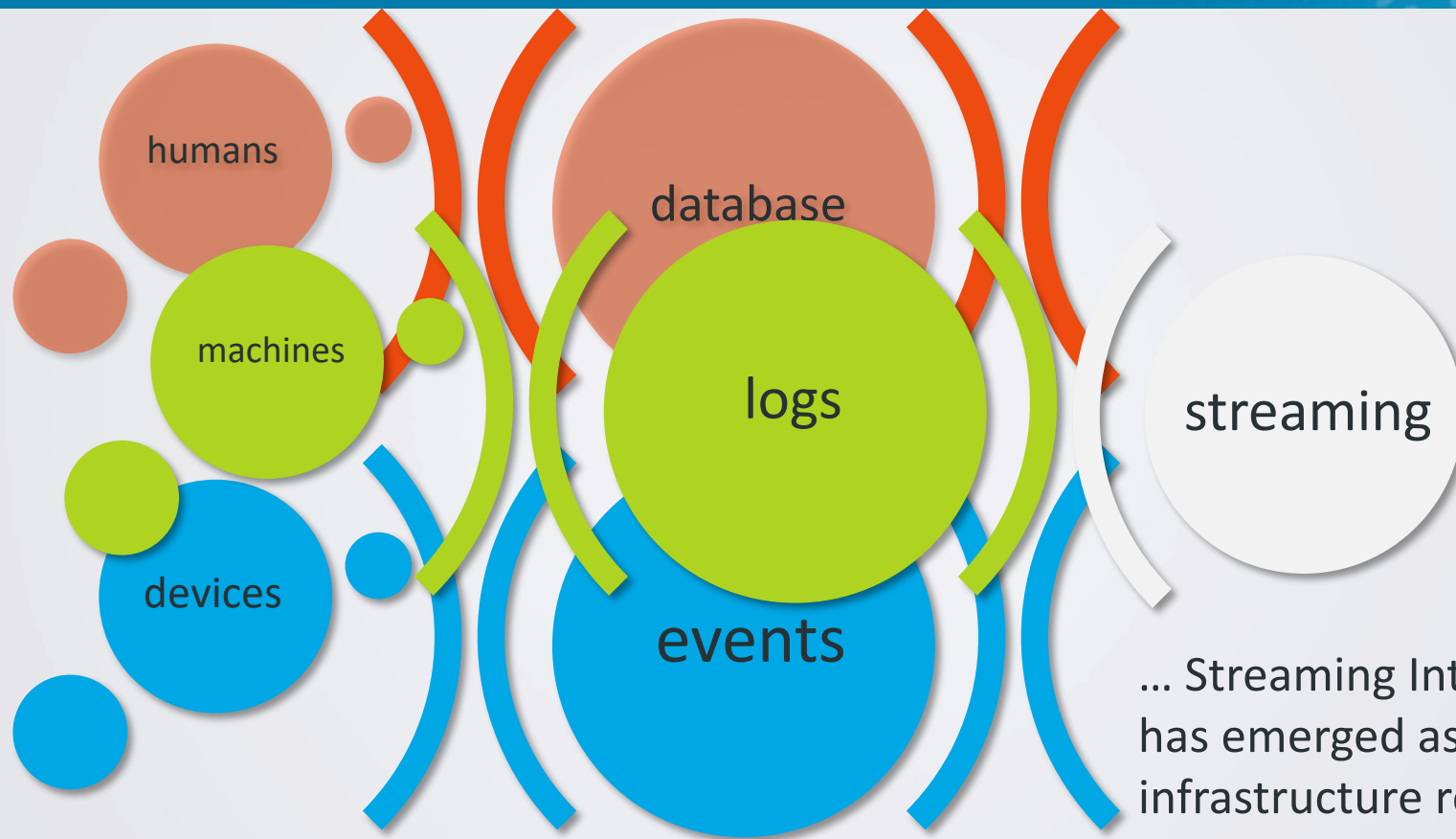


IT

A Brief History of Data



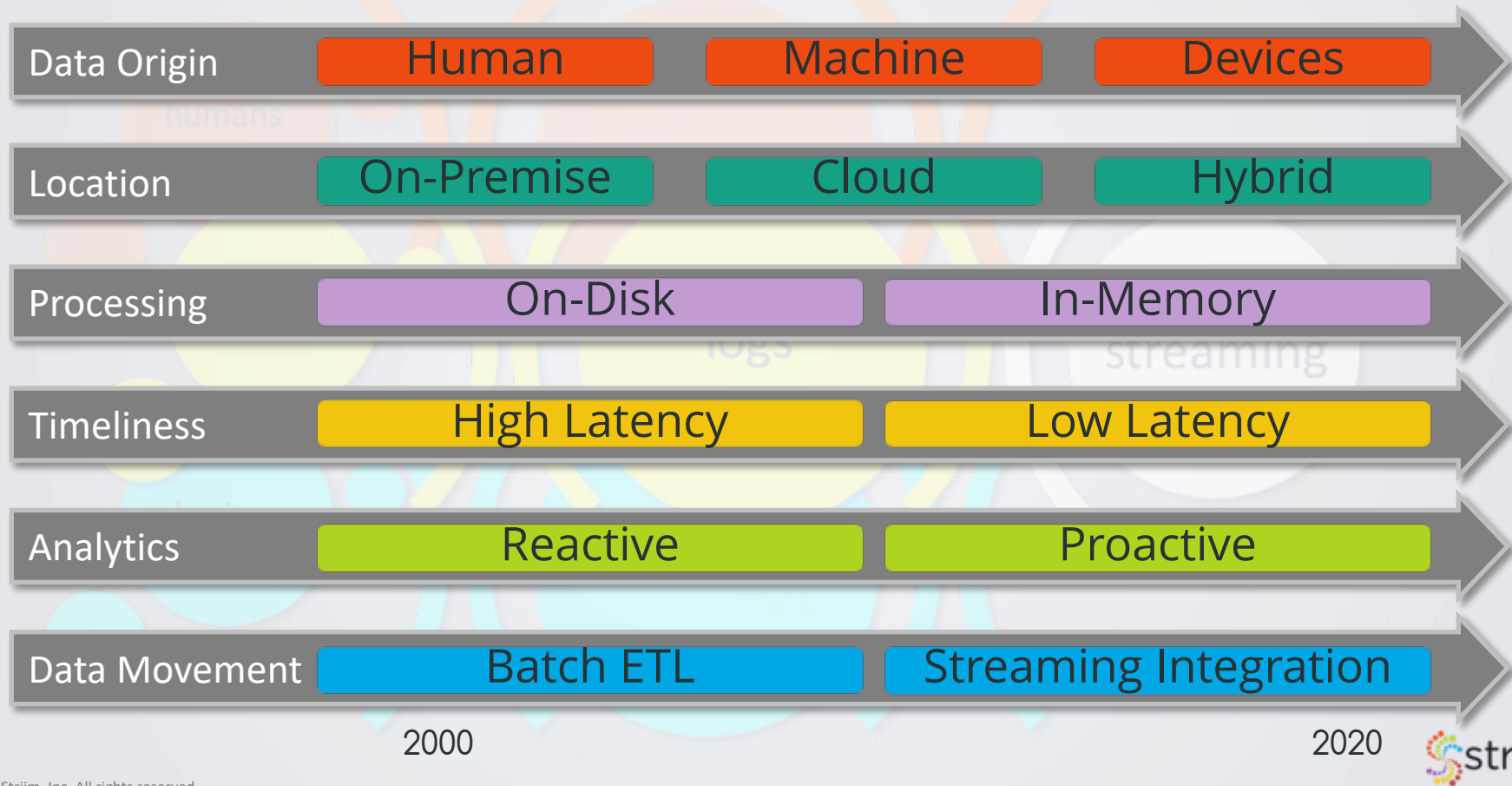
Data Arrives in Streams - Not Batches



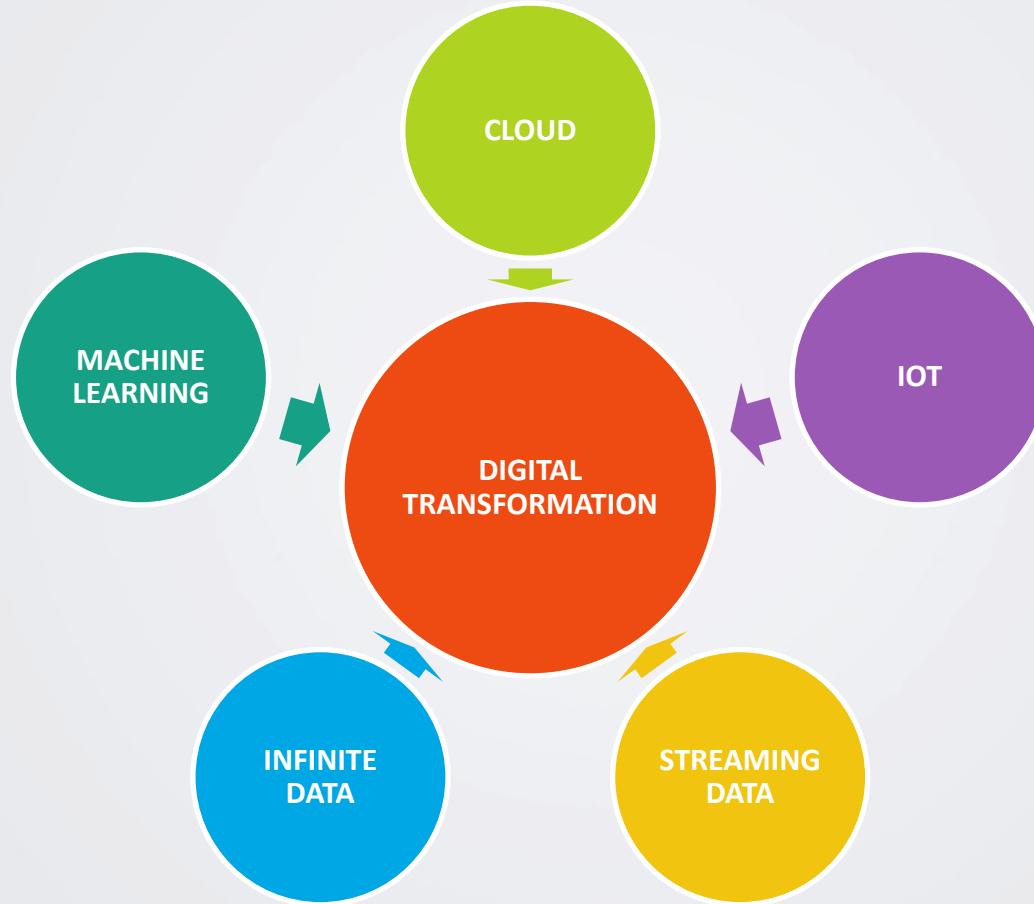
... Streaming Integration
has emerged as a major
infrastructure requirement



Data Trends



Multiple Technology Shifts Driving Digital Transformation



Cloud Is Changing the Technology Landscape



Cloud Provides Multiple Transformation Opportunities

Hybrid-Cloud

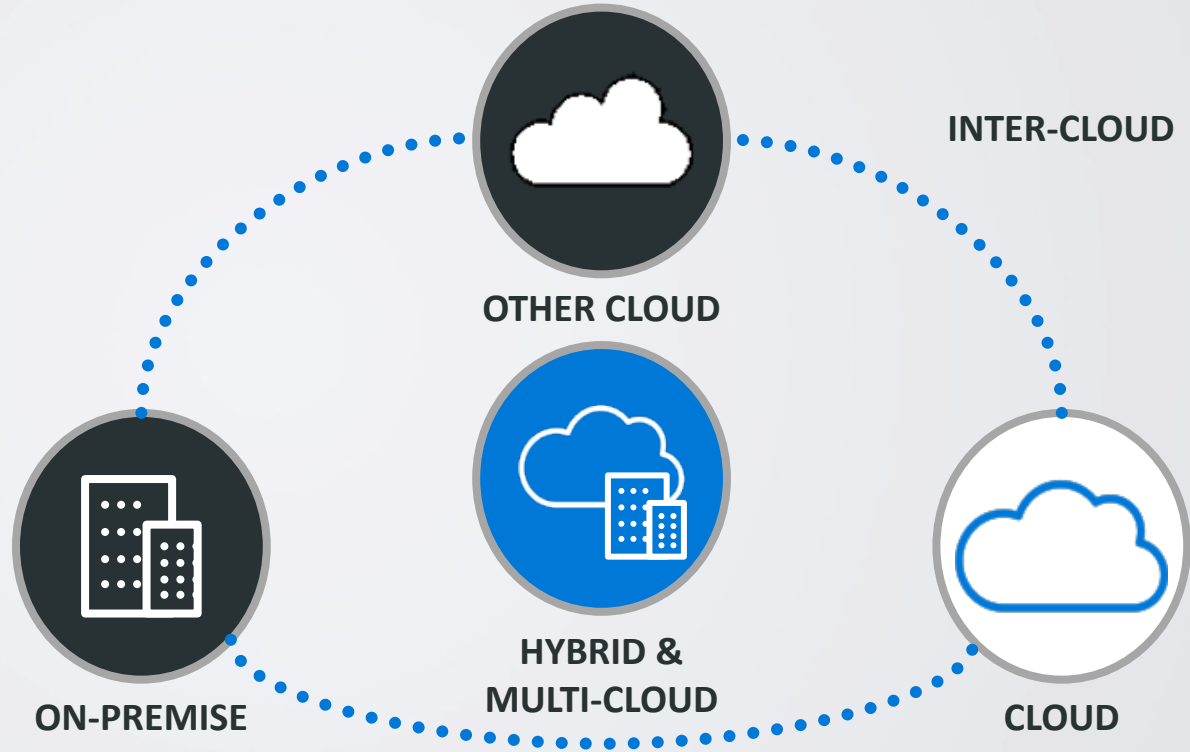
- Adopting a Cloud Platform

Multi-Cloud

- Adding Another Cloud Platform

Inter-Cloud

- Switching Cloud Platforms
- Synchronizing Cloud Platforms

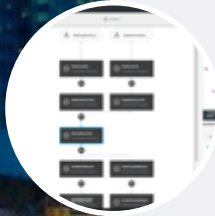


Streaming Integration is the Engine of Digital Transformation

It's all about
continuously
collecting and
moving any
enterprise data
in real-time,
while:



Handling extreme volumes of data at scale with high throughput

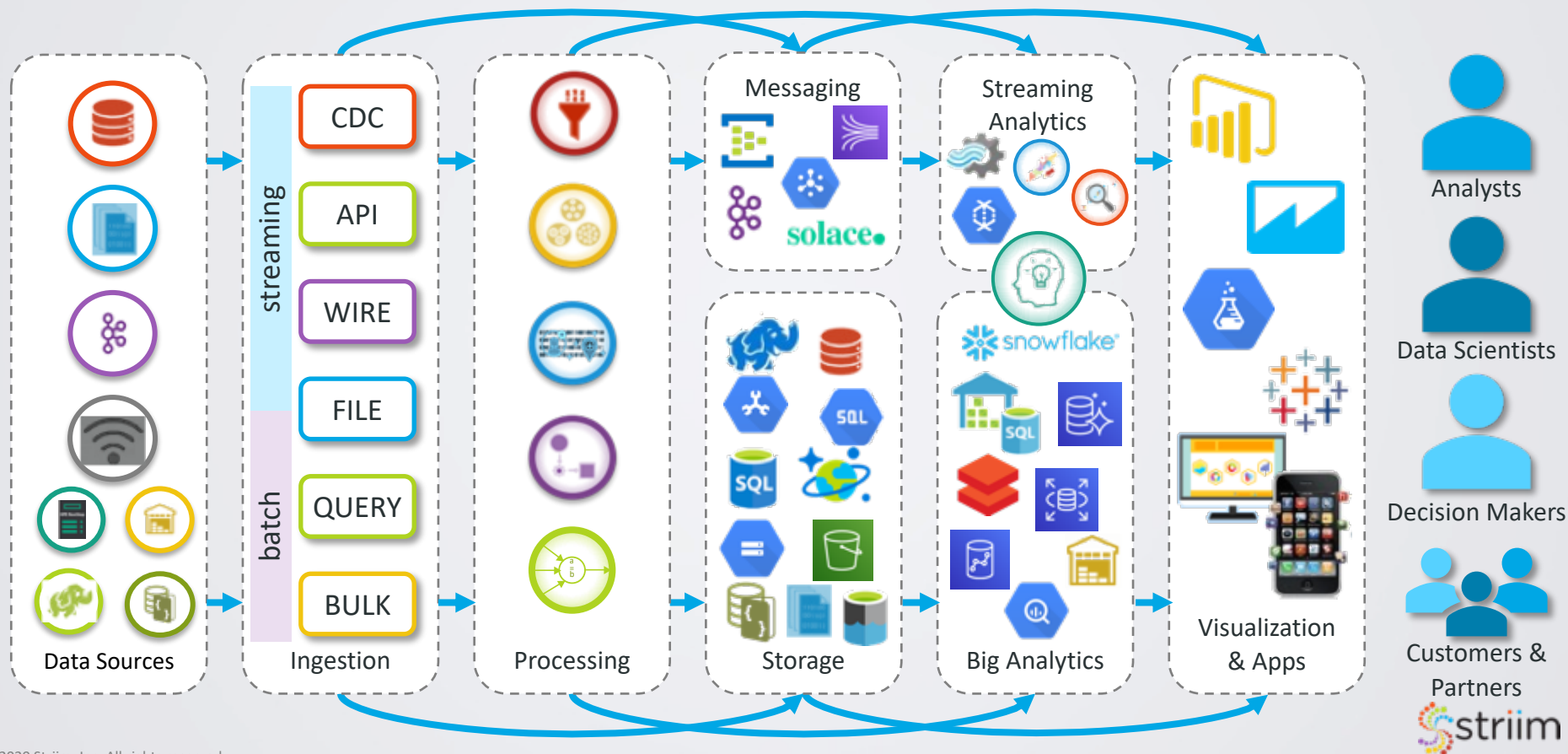


Processing, analyzing, and correlating data in flight



Making data valuable, verifiable, and visible in real time

Digital Transformation Requires a Modern Data Architecture



Build On, and Integrate Legacy Castles

Digital Transformation involves moving to a “streaming first” data architecture, supporting cloud, streaming analytics, and IoT, while integrating legacy resources

Bridge the old and new worlds of data

Streaming data from legacy systems brings new value and possibilities for old castles

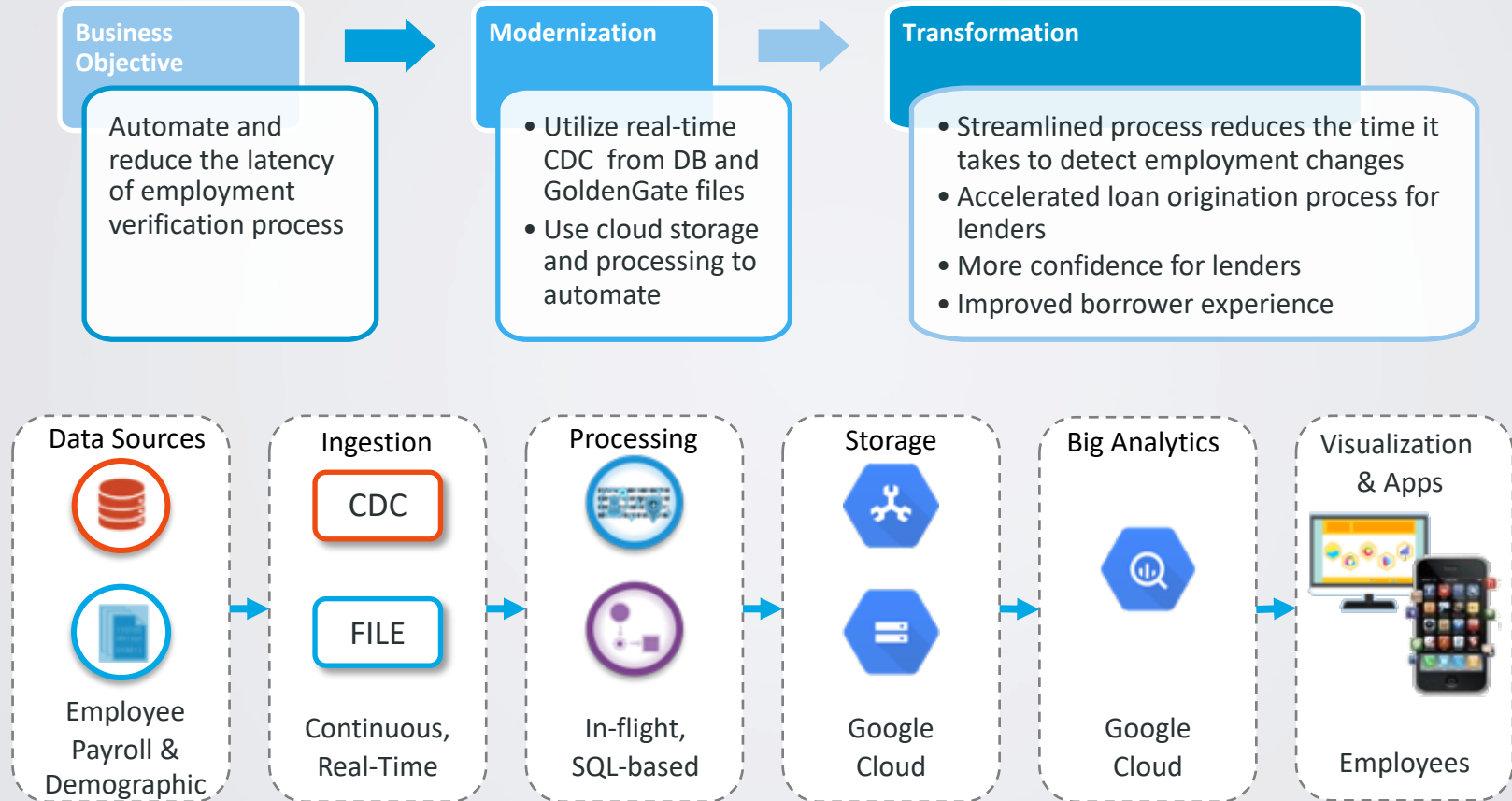


Customer Case Studies

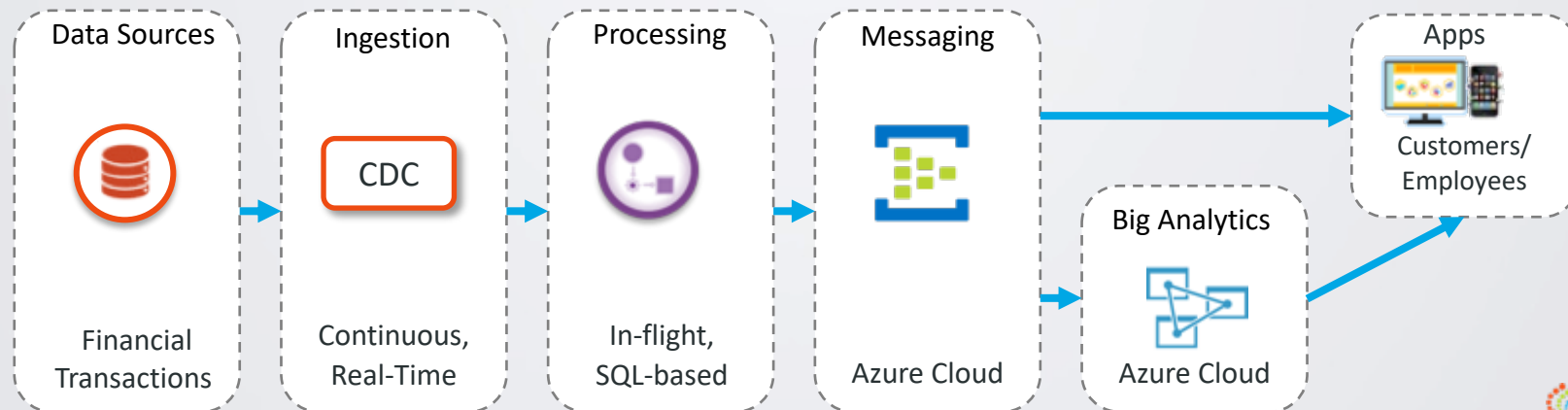
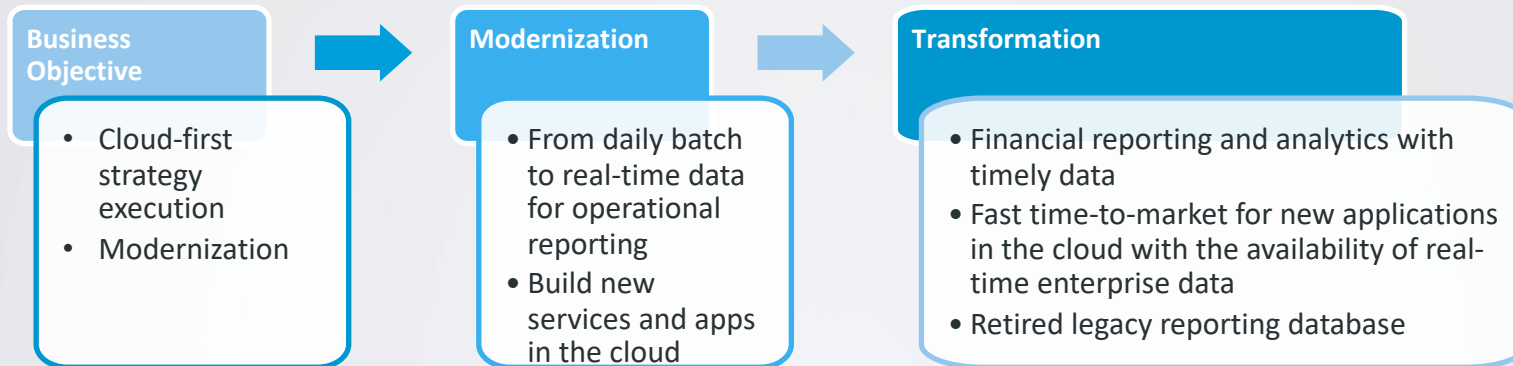
**REAL-WORLD
REAL-TIME
DIGITAL TRANSFORMATION**

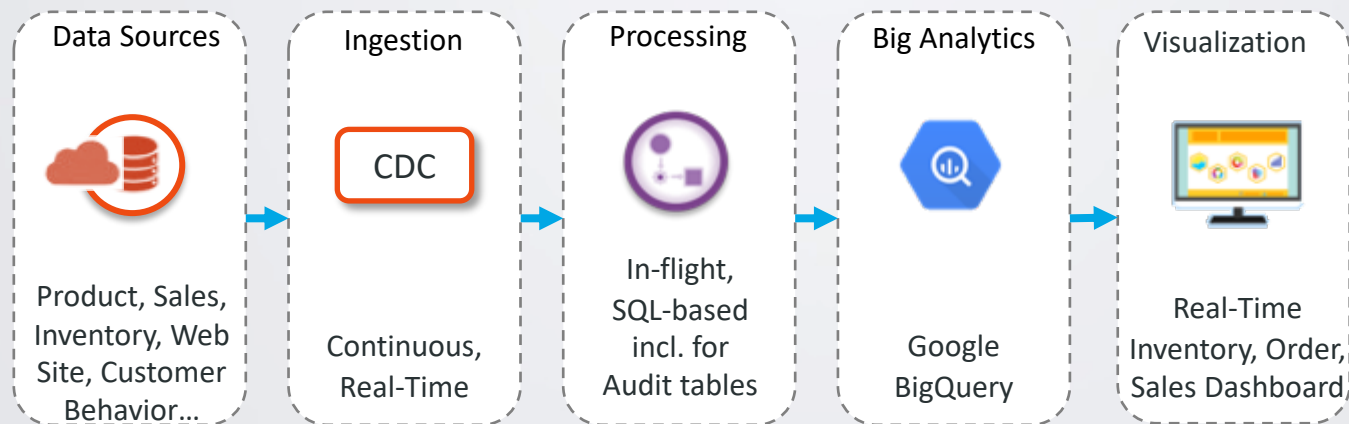
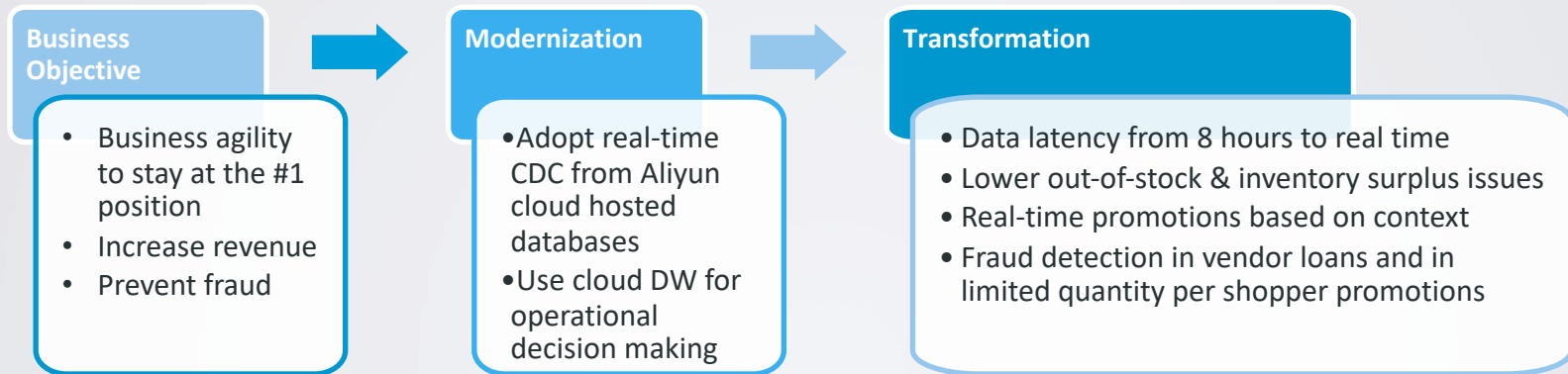


Credit Agency

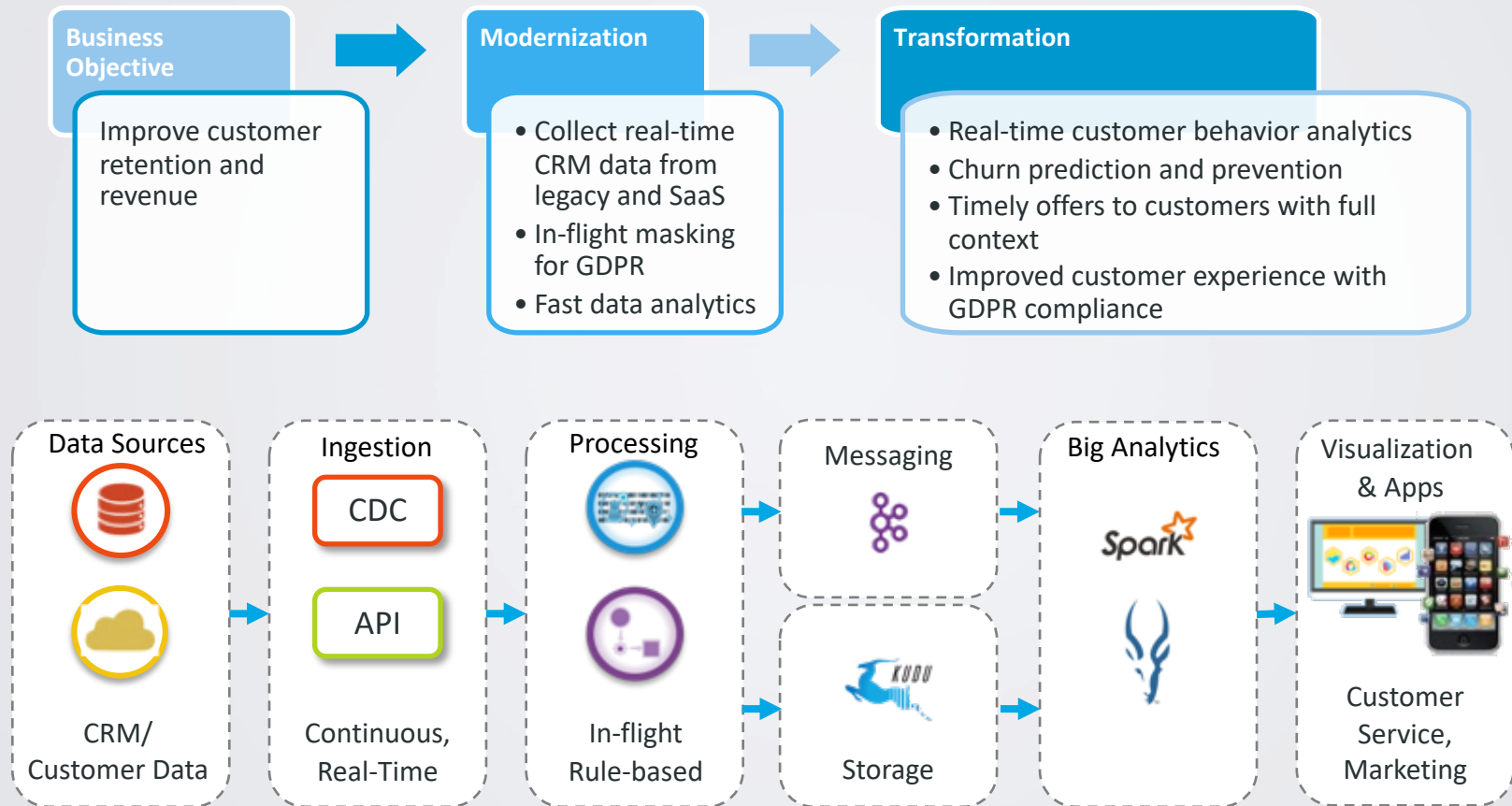


North American Commercial Bank

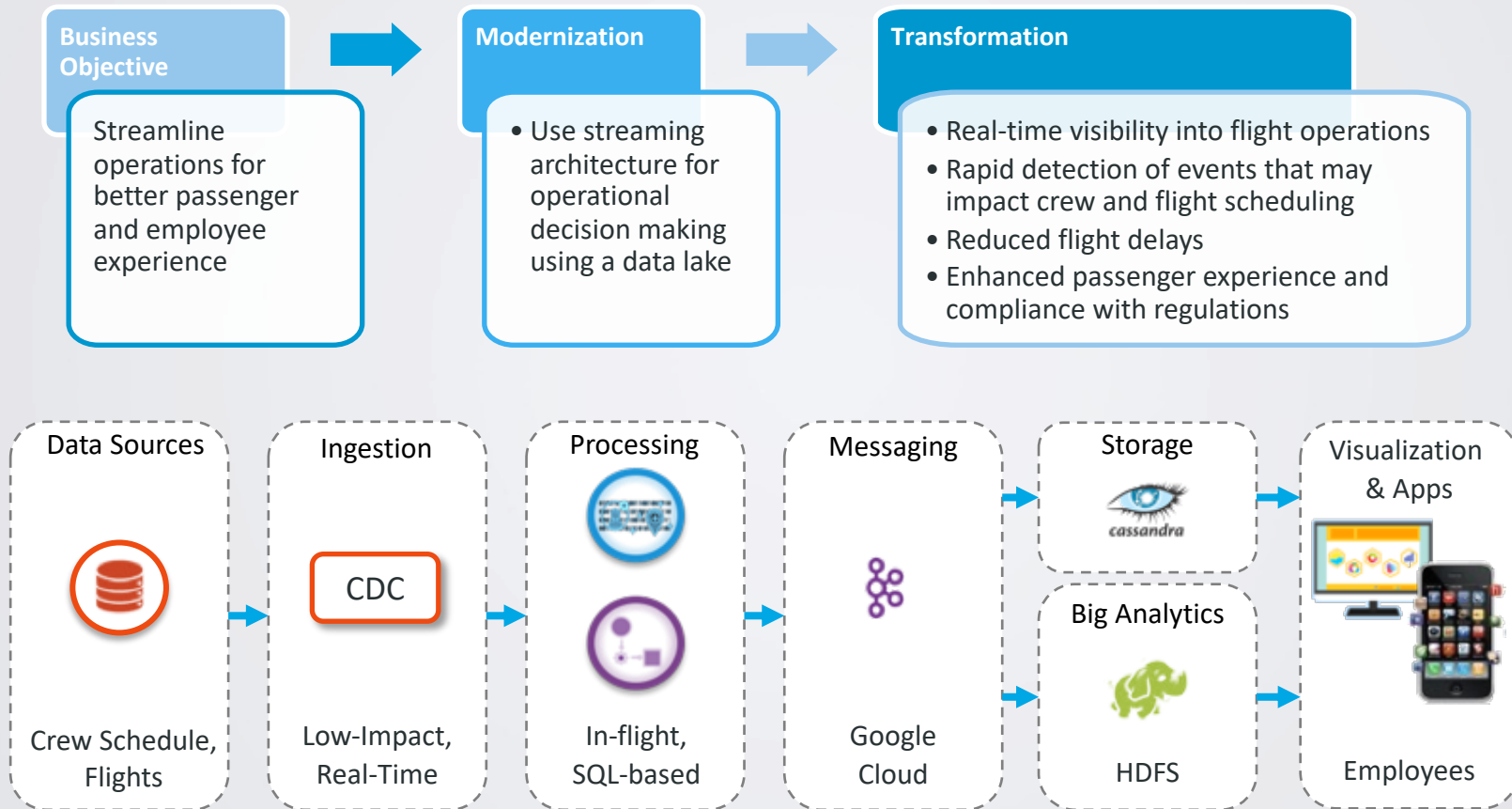




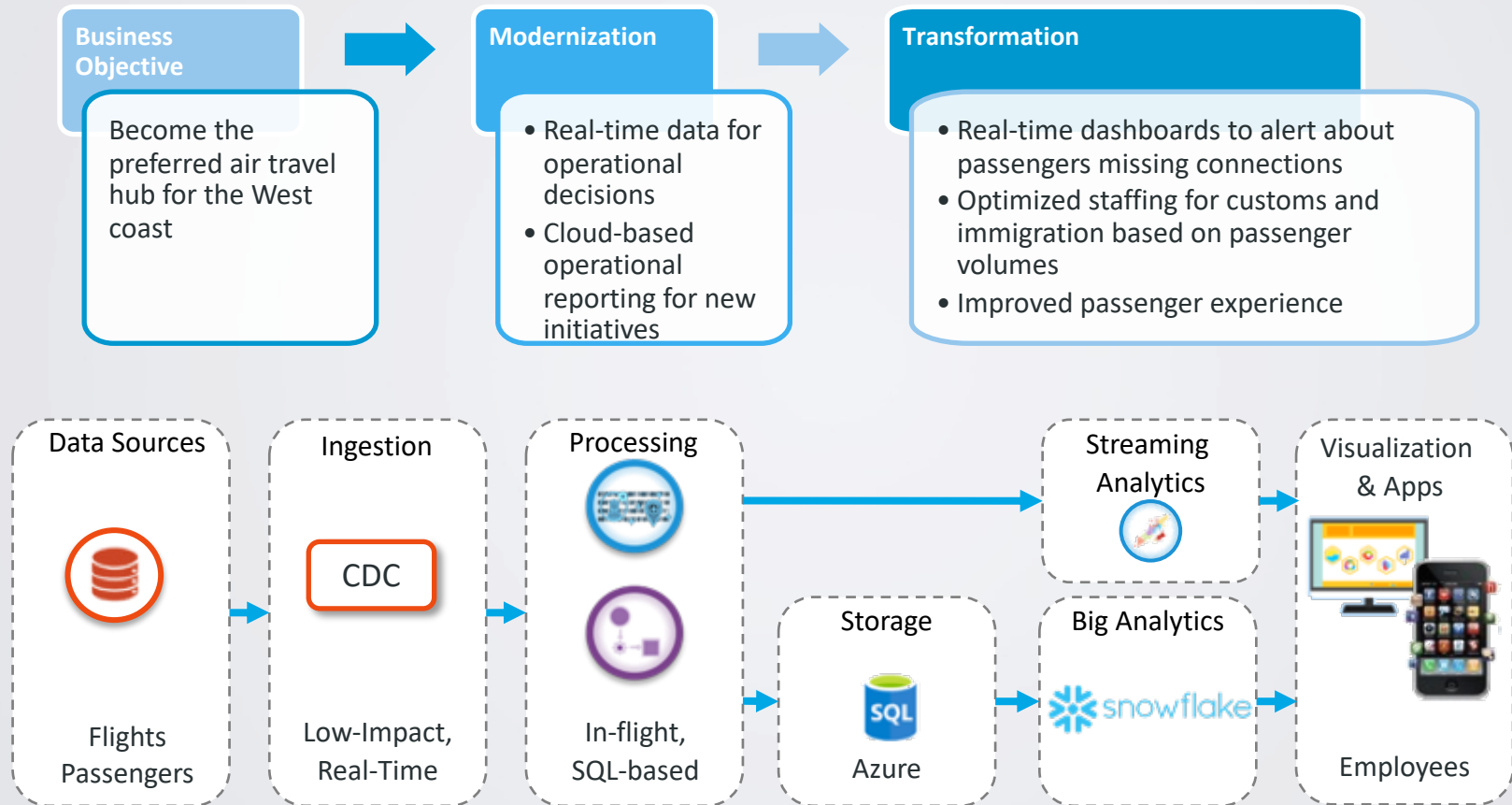
European Satellite Pay TV Provider



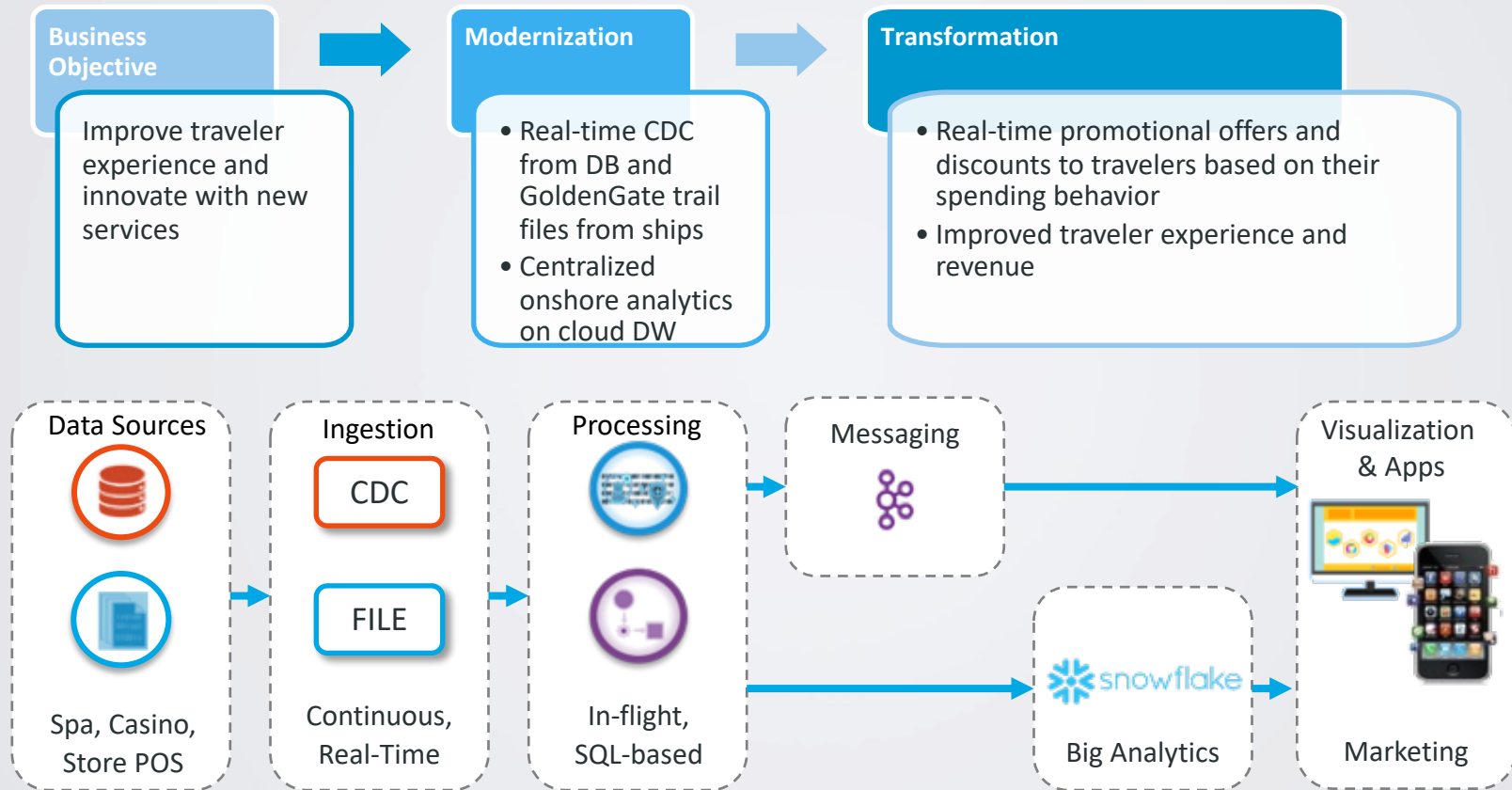
Major Global Airline



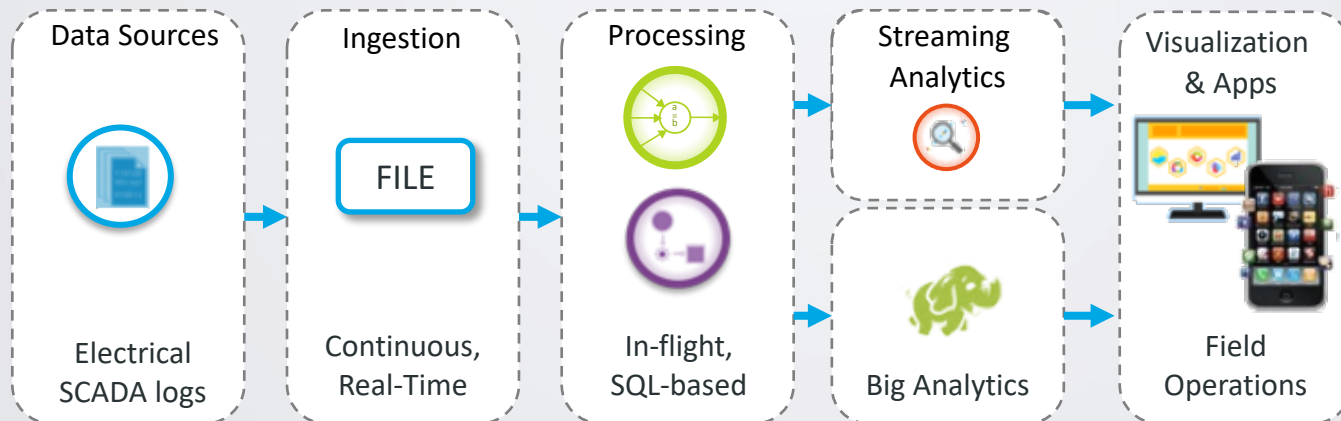
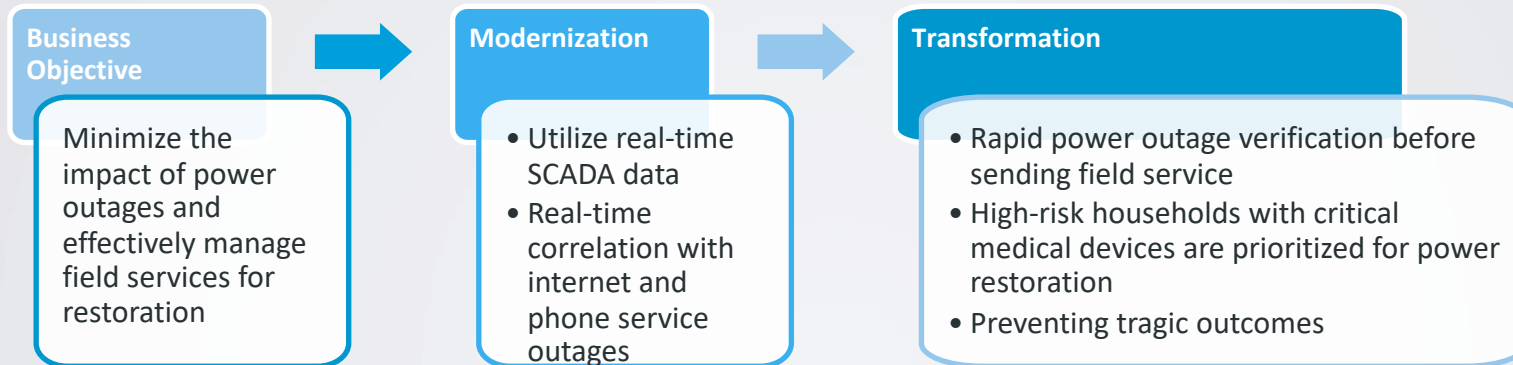
North American Airport



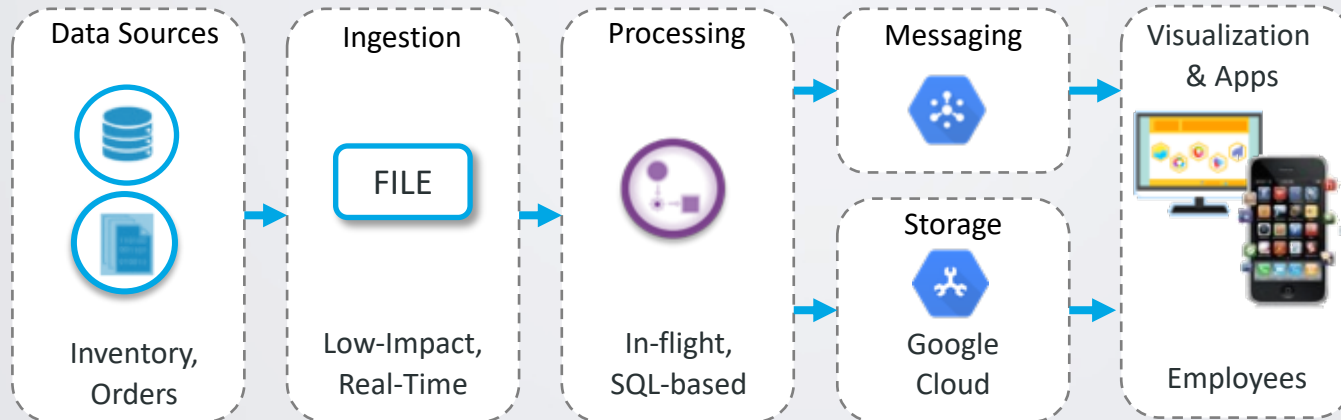
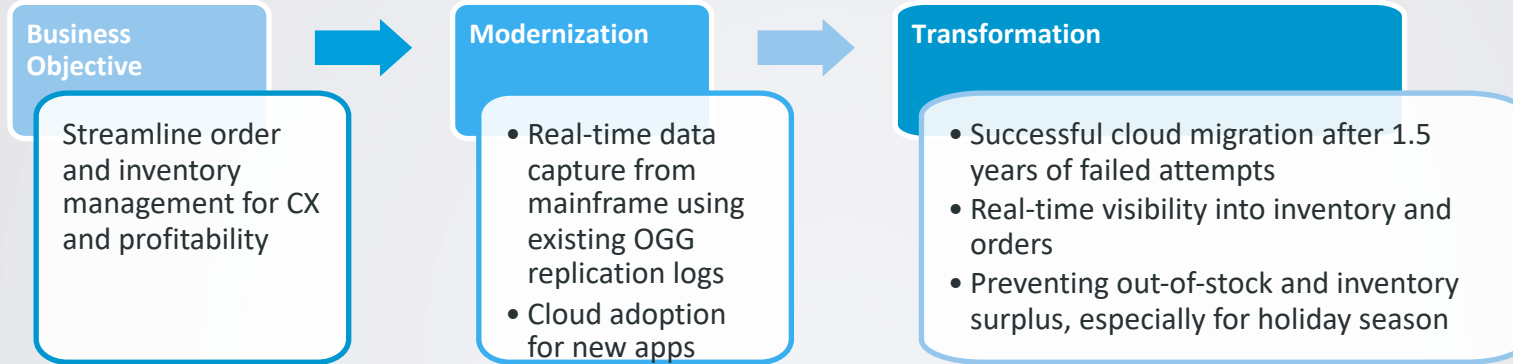
Cruise Line



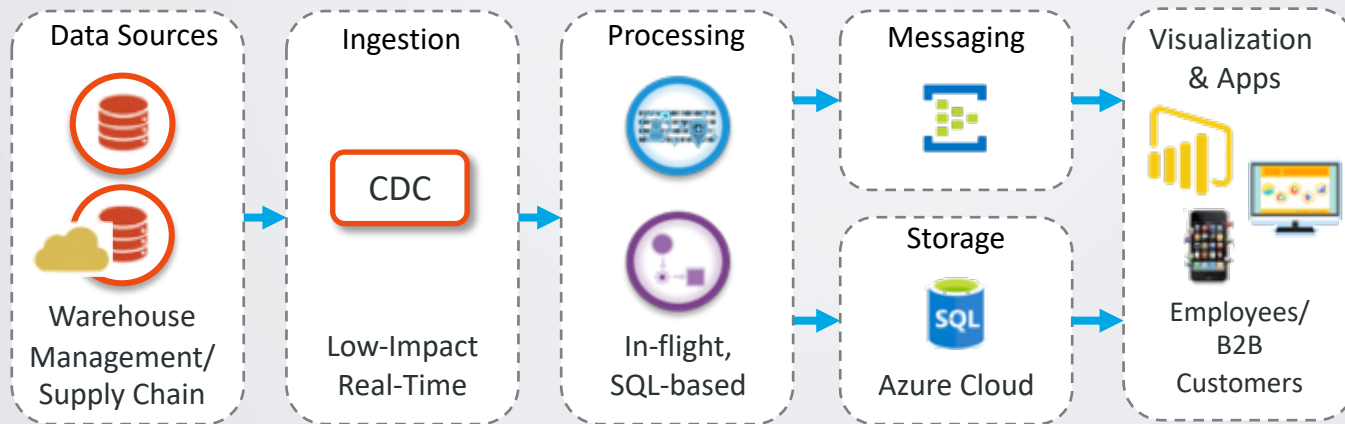
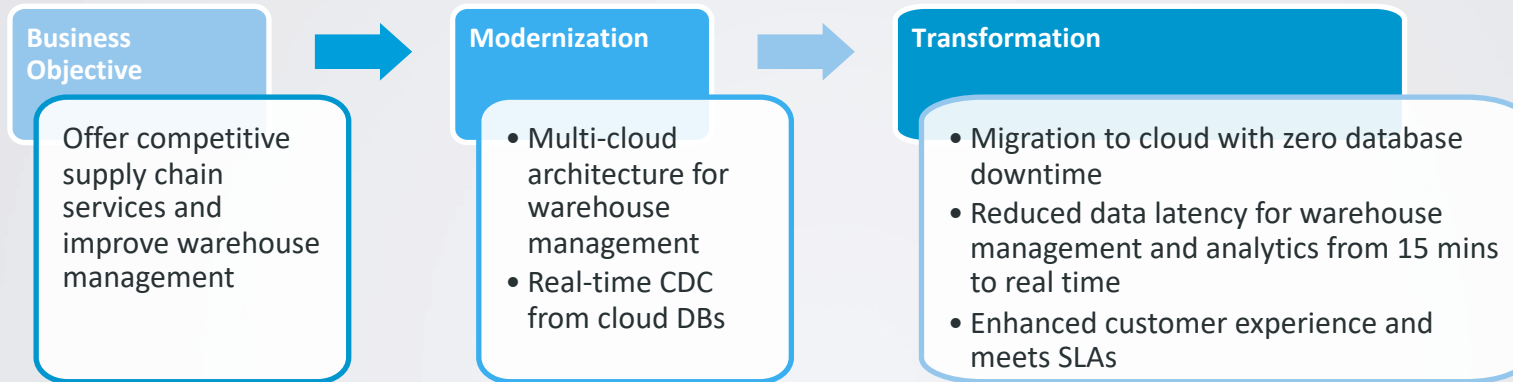
European Energy Distributor



U.S. Based Large Retailer



Package Delivery and Supply Chain Solutions Provider





ABOUT STRIIM

Streaming Integration with Striim

CONTINUOUS DATA COLLECTION

Parsers

Delimited
JSON
XML
Free Text
Binary
Name/Value
Zipped
AVRO
GoldenGate
Apache Log
Sys Log
Mail Log
SNMP
CollectD
CEF
DHCP Log
WCF
+Others

DBs



Oracle CDC
MS SQL CDC
MySQL CDC
MongoDB CDC
HP NonStop CDC
Maria DB CDC
JDBC/SQL

Cloud



Amazon S3
AWS RDS
Salesforce

Files



Log Files
System Files
Batch Files

Network



TCP
UDP
HTTP
MQTT
Netflow
PCAP
OPC-UA

Messaging

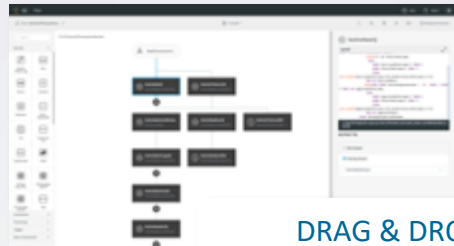


Kafka
Flume
JMS
AMQP

Big Data

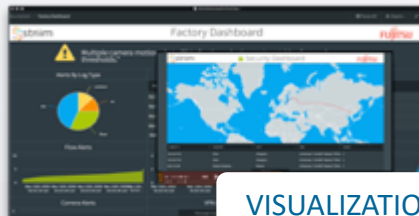
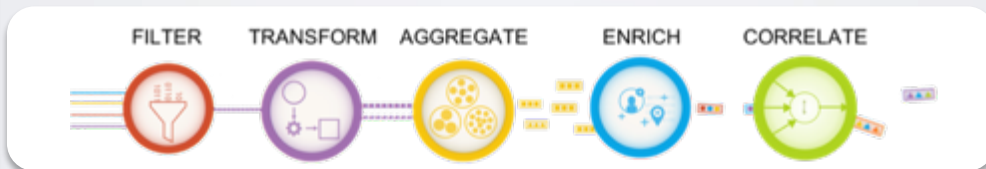


HDFS
HBase
Hive



DRAG & DROP UI

IN-MEMORY DATA PIPELINE



VISUALIZATION & METRICS

CONTINUOUS DATA DELIVERY

DBs/DWs



Oracle
MS SQL
MySQL
Teradata
PostgreSQL
MemSQL
JDBC/SQL



Files

Network

MQTT
OPC-UA

Messaging



Kafka
JMS
AMQP

Big Data



HDFS
HBase
Hive
Cassandra

Cloud



Microsoft (preferred)
Azure Blob/DL
Azure SQL DB
Azure SQL DW
Azure HDInsight

Amazon S3
Amazon Redshift
Amazon Kinesis

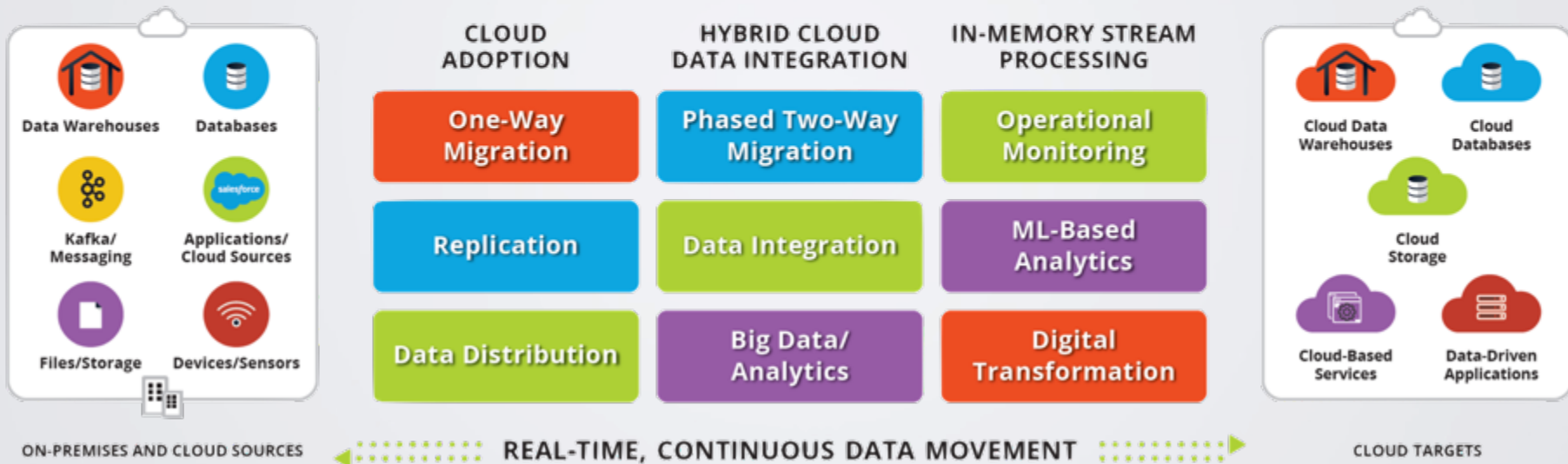
Google Big Query
Google Pub-Sub

Formats

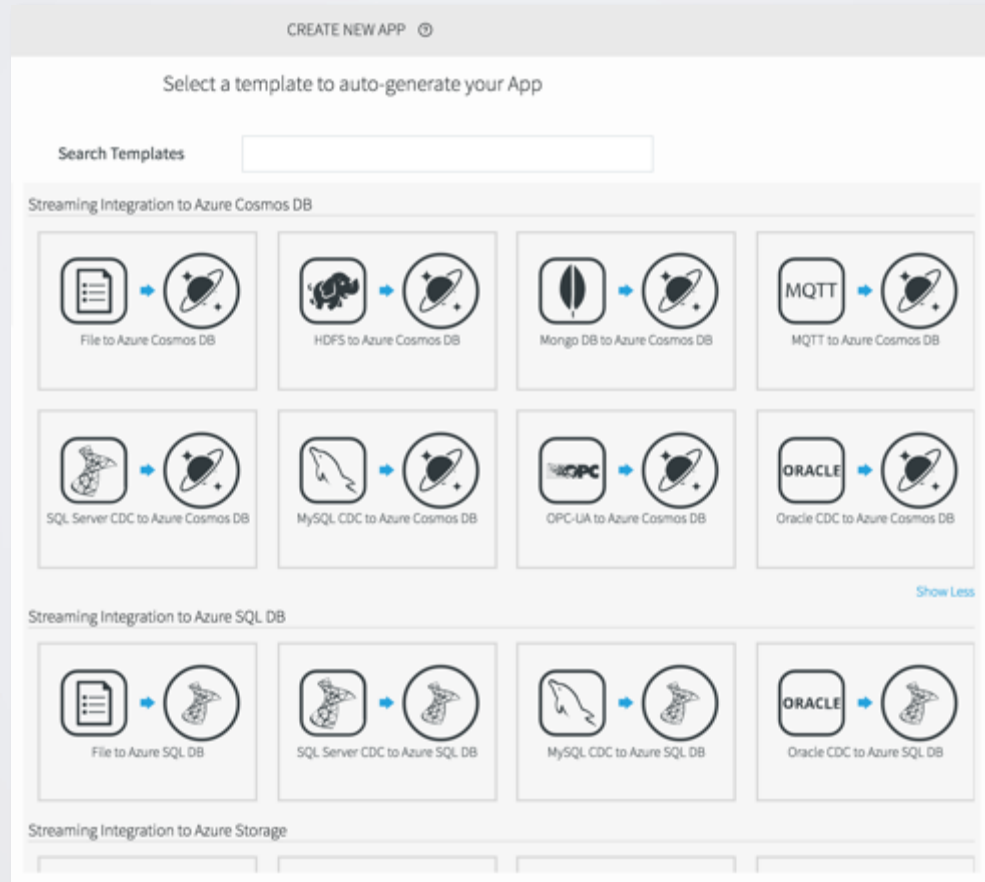
Delimited
JSON
XML
AVRO
Template



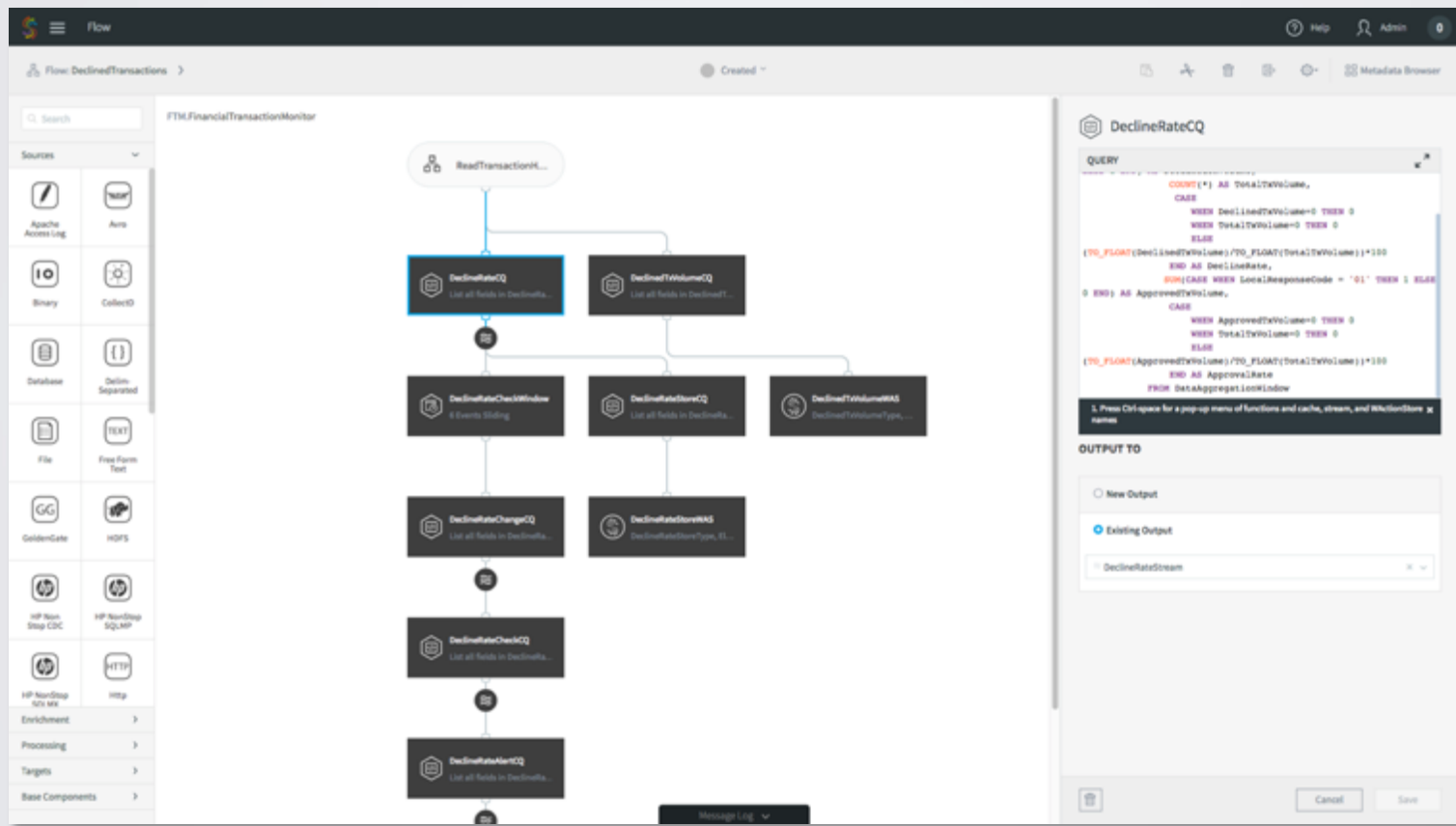
Striim: A Next Generation Platform



Wizards Based-UI



Integration and Analytics Through Data Flows



Visualization Through Streaming Dashboards



Set Visualization Query

Name:

```
1 SELECT *
2 FROM TxVolumeByNetworkEndPoint WAS [3 MINUTE AND PUSH]
3 ORDER BY LocalDateTime
```

Press Ctrl-space for a pop-up menu of functions and cache, stream, and WActionStore names



Q&A



Thank You



Resources

www.striim.com/resources/

Product Page

www.striim.com/product/

Download the Striim Platform

www.striim.com/download-striim/

Share



@StriimTeam



facebook.com/Striim

