



# VISEO

— DIGITAL MAKERS —

**Modern Data Platform offer**

Customer presentation



## CONTEXT & TRENDS

# HIGHER EXPECTATIONS WITH DATA & ANALYTICS

The “data-driven economy” means that the role of data & analytics is expanding with data becoming more strategic and mission critical than ever



## A STRATEGIC ASSET

Data and analytics have become core to how organizations serve their **customers** and optimize business **processes**. They are the foundation of new transformational **business models, revenue streams**, and process and cost **optimization**.



## HIGHER EXPECTATIONS

Companies are looking for an ever-increasing **velocity** and **scale** of analysis — in terms of both processing and access — **to succeed** in the post-COVID-19 world of global uncertainty and change.

### THE NEW PARADIGMS OF DATA



Growing exponentially



From new sources



Increasingly diverse



Used by many people



Analyzed by many applications

# WHILE USAGES ARE EXPANDING...

Organizations want to modernize their data & analytics platform to drive better business outcomes by using data as a differentiated asset for innovation and competitive advantage.



## VALUATION OF NEW TYPES OF DATA

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Organizations are now focusing on harnessing insights from data across multiple sources, from mission-critical data in legacy systems to streaming data from IoT and Edge devices.



## NATIVELY NEXT GEN APPROACHES

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With no legacy, start-ups are looking for best in class solutions to perform in a data-driven economy - enabling their organization to make fact-based decisions that lead to better business outcomes.



## COST OPTIMIZATION OF THE CURRENT USAGE OF "BIG DATA"

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- Improving the price/performance metrics – vs highly expensive appliances in terms of TCO
- Keeping ahead of the frontline in a fast-moving domain

x 9,6

According to IDC, the volume of actionable data will grow 9,6 x from 2020 to 2025.

# ...TECHNICAL PARADIGMS ARE SHIFTING

The size, complexity and distributed nature of data needed for increasingly closer to real-time and optimized decision making, is needed now more than ever, meaning that **rigid architectures and tools are breaking down**

## Traditional deployment models have shown their limitations



### Big data appliances

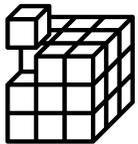


High acquisition and operational costs  
Technical debt  
No elasticity  
Performance issues



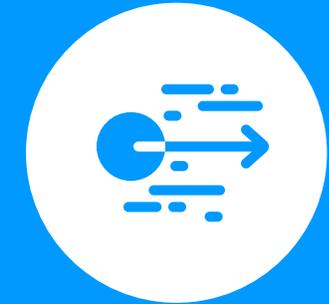
### Datalakes & Hadoop clusters

Inadequate for many usage  
Performance issues  
Operational costs



### Data warehouse

Performance limitations  
No scalability  
Silos  
Not paid per use



## ENTERPRISES ARE NOW LOOKING FOR NEW TECHNOLOGIES

to **extract the full potential out of their business' data**

to create **advanced analytical and operational capabilities**, such as  
Artificial Intelligence, Machine Learning, and Real-Time



## THE PROMISES OF CLOUD TECHNOLOGIES

The cloud is a **critical enabler** and a **scale accelerator** of all modern data & analytics initiatives.

When done correctly, cloud enables an environment that is **agile and fluid**, providing a diversity of choice and a **means of accelerating innovation** and response to changing business conditions that are not readily available in the on-premises world.



*By 2022, 75% of all databases will be deployed or migrated to a cloud platform.*



*By 2022, public cloud services will be essential for 90% of data and analytics innovation.*



2019

2023

*By 2023, **cloud-based AI** will increase **5X** from 2019 making AI one of the top workload categories in the cloud.*

### Mega suites cloud providers



### Specialized cloud vendors



# EMBRACING A CLOUD-FIRST APPROACH

Key advantages of a cloud-based data & analytics platform



## CARACTERISTICS



## BENEFITS



### MARKETED AS A SERVICE

- › Pay as you go basis – in term of computing, storage...
- › No upfront costs
- › Self-service

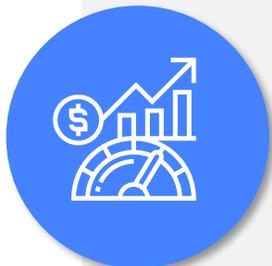
- › Trade capital expense for variable expense
- › Benefit from massive economies of scale
- › Instant & near infinite performance & scalability on demand
- › Full suite of services & components with one provider



### SERVERLESS

- › Provided as PaaS or SaaS solutions with an infrastructure layer that is managed
- › Datacenters mutualized and run & managed by the provider

- › Scalability: can support fast growing or variable needs
- › Adaptability of the sizing – to optimize environment & capacities according to actual usage & workloads
- › Near zero maintenance, security & compliance managed by a cloud provider
- › Manage concurrency



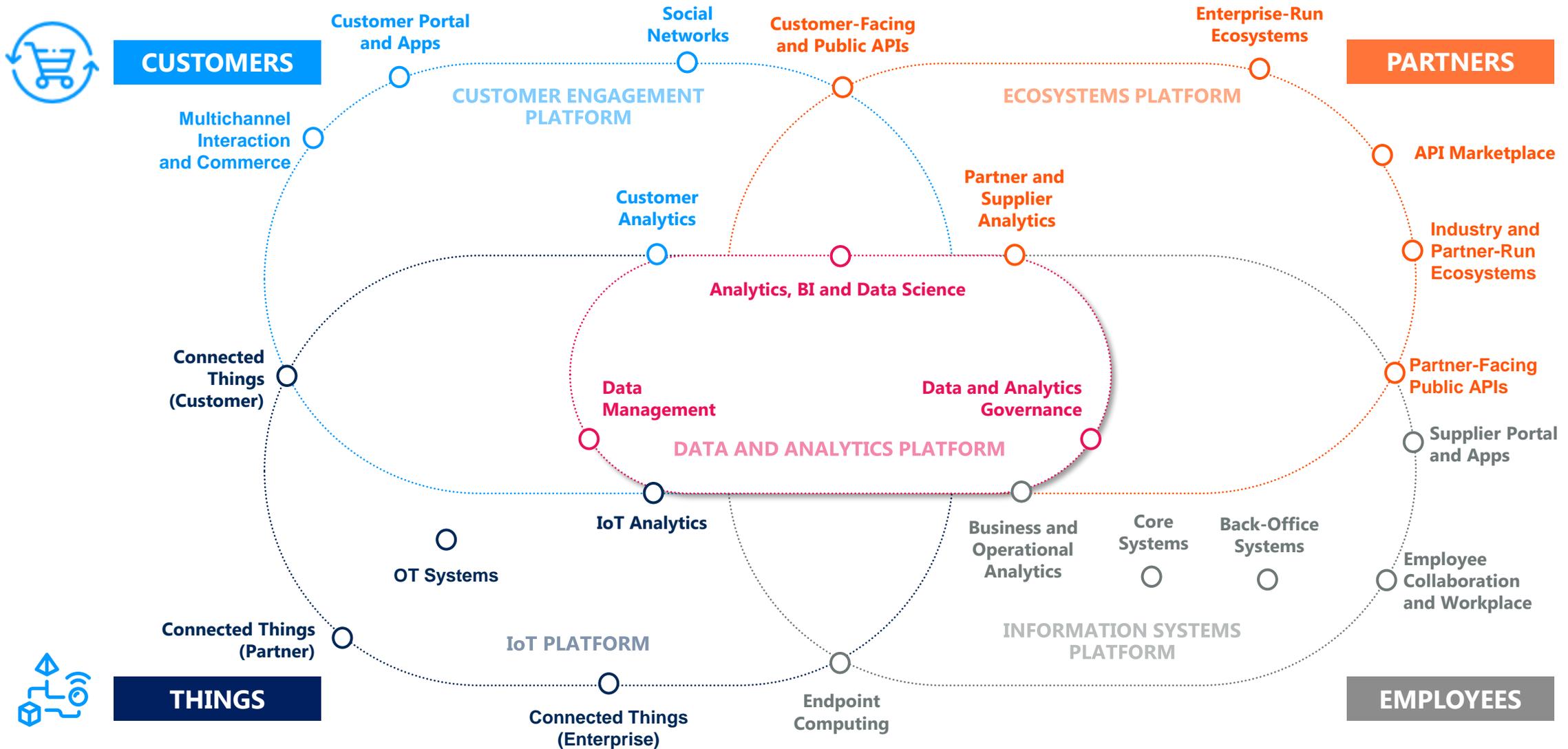
### FLUID & AGILE

- › Upgrades & rapid innovation
- › Reversibility
- › Access through the Internet

- › Benefit from the latest analytics innovations in a fast-changing domain
- › Experiment quickly and easily in lab mode
- › Work collaboratively and in a decentralized way
- › Secure, governed access to all data and all types of data

# A MODERN DATA & ANALYTICS PLATFORM IS EMBEDDED IN THE DIGITAL BUSINESS PLATFORM

Digital business cannot actually exist without some aspects of data and analytics at its core



# CORE COMPONENTS OF A DATA & ANALYTICS PLATFORM

A cloud data platform is a unified, pervasive set of services that houses all your data and puts it to work, securely and consistently, in the cloud.



## Govern & manage



Information governance



Enterprise metadata management



Master Data management



Privacy & security



Data quality assurance



Information lifecycle management



## Collect, acquire and organize



Ingest & analyze



Process & transform



Integrate & store



## Enable for analytics



Cloud Data warehouse



Cloud Data lake



Data virtualization



## Enable business insights



Business intelligence & visualization



Self-service data preparation & analytics



Advanced analytics



## Extend & automate



Real time analytics



Machine learning



Artificial intelligence



**Key Market trend:** data management accelerates its journey toward the cloud & exerts gravitational pull on the surrounding data and analytics disciplines.

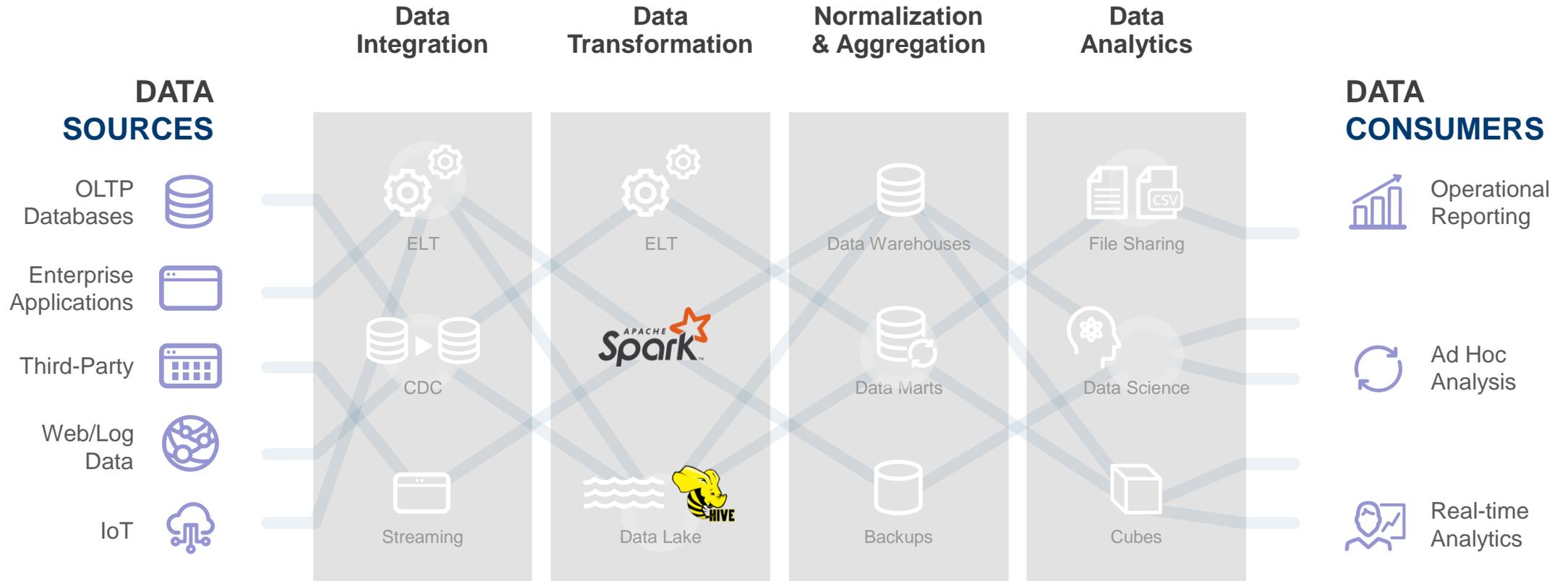


# MODERN DATA ARCHITECTURE

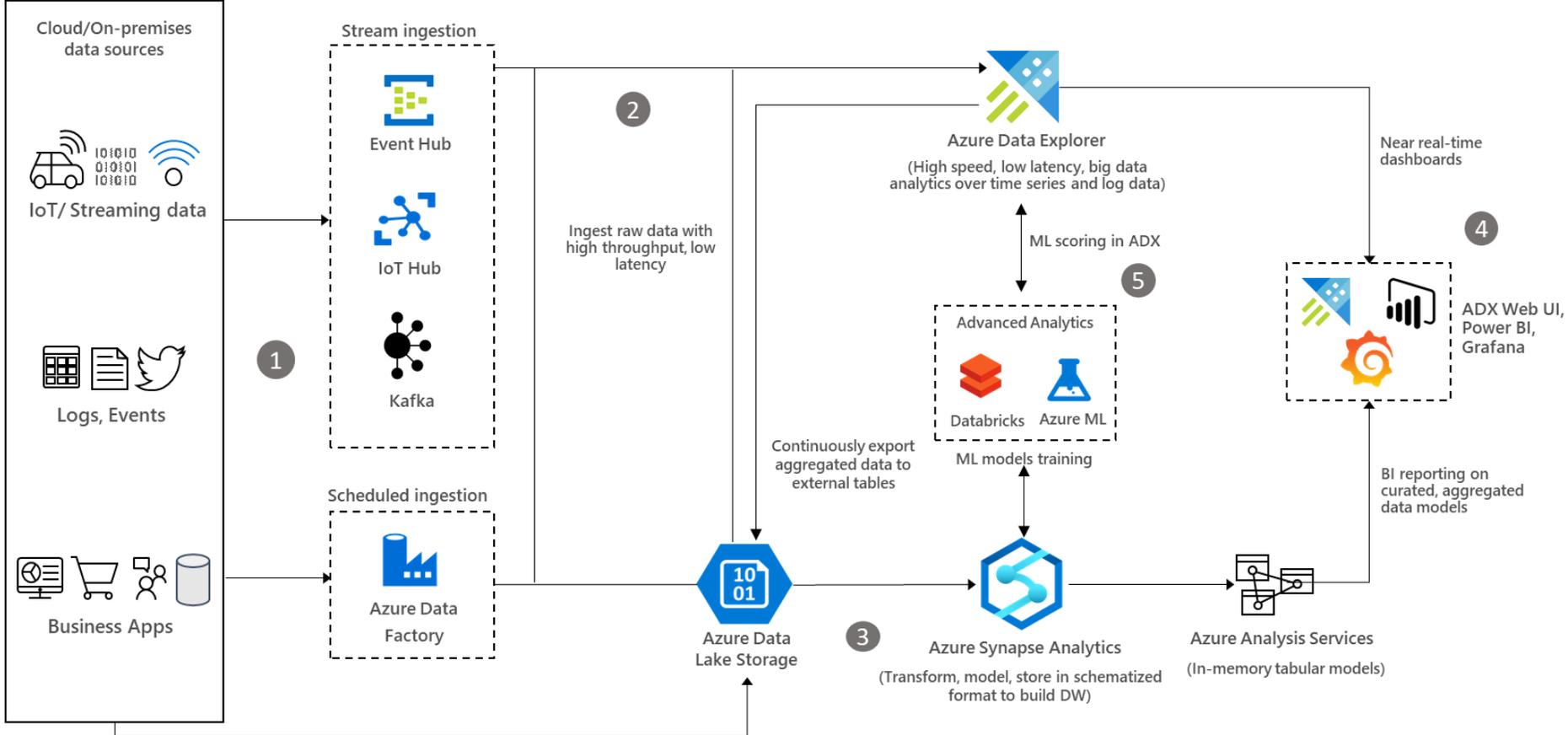
Reference architecture by cloud provider

# TRADITIONAL DATA ARCHITECTURE

Complex, Costly & Constrained



# ADVANCED ANALYTICS ARCHITECTURE WITH AZURE





## **OUR CAPABILITIES**

Making modern data analytics effective, affordable  
& accessible to your organization

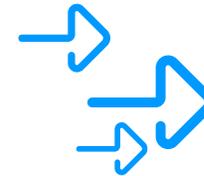
# WISEO RECONCILES PAST & PRESENT

Transforming your approach requires the double expertise with traditional data architecture and new cloud-based approaches



## A DEEP UNDERSTANDING OF TRADITIONAL ARCHITECTURES

Our team has more than 20 years of experience with BI, Big Data and Analytics solutions.



## AND A FULL LEGITIMACY WITH THE CLOUD TECHNICAL PARADIGM

WISEO has twice been named “preferred partner” in France by Microsoft for AI and Intelligent cloud – a market recognition we are proud of.

This dual expertise with legacy and modern architectures is a key asset to manage your hybrid environment during the transition period to a cloud-only data environment

# WISEO SECURES YOUR TRANSFORMATIONAL DATA JOURNEY TO THE CLOUD



## **STRONG PARTNERSHIPS**

The leading vendors back our services thanks to the high proximity we cultivate



## **LARGE CAPACITIES**

We locate our delivery in centers of excellence to offer scalability and high competency with large talent pools of specialized resources.



## **A GLOBAL EXPERTISE ON DATA**

As data & analytics moves to the cloud, the primary concern for customers will be the alignment of the myriad of cloud services to appropriate use cases and workloads.

As a specialist of the whole data value chain, we master all these use cases to bring relevant recommendations.

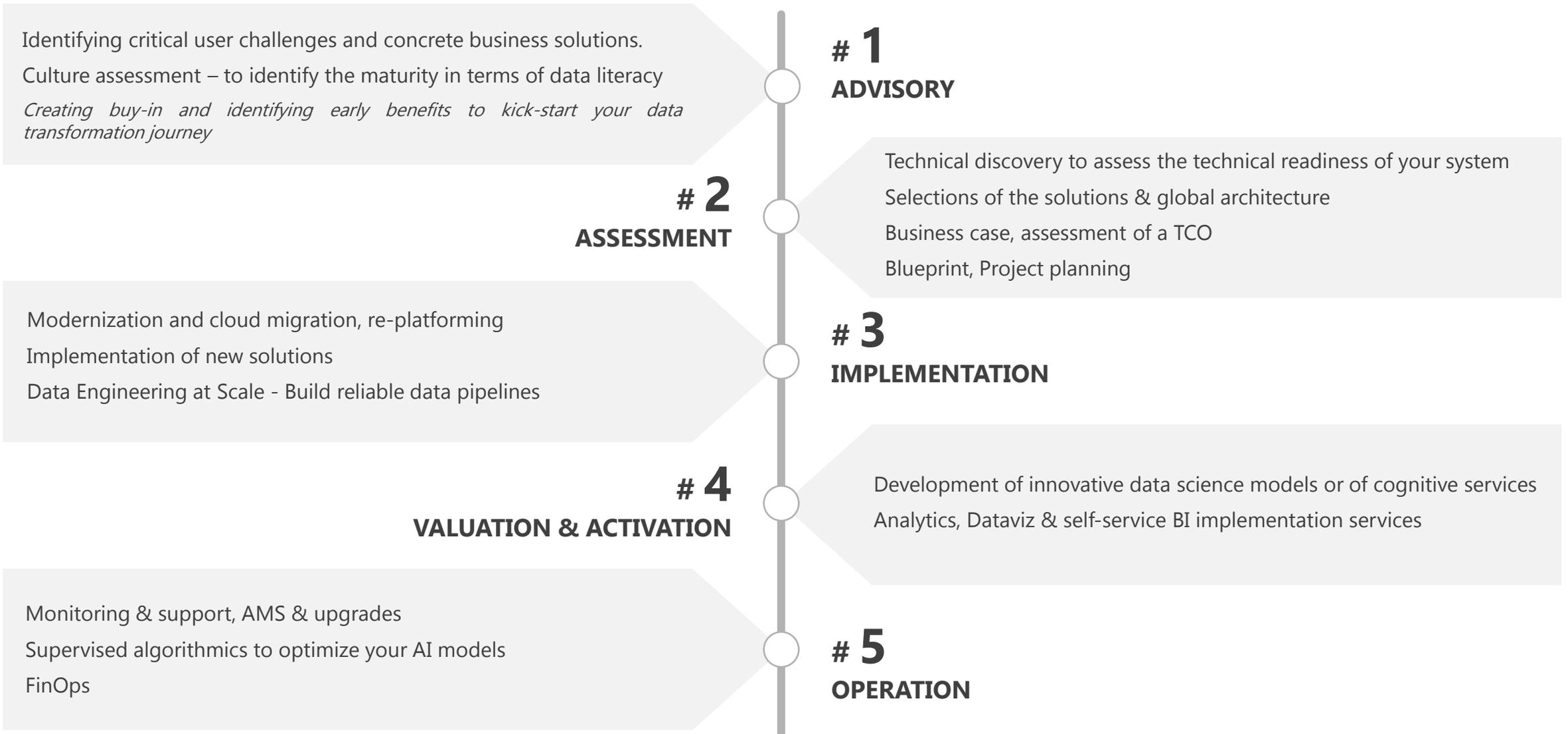


## **END TO END CAPABILITIES**

We offer adjacent areas of expertise that complement our data & analytics services like transactional applications or IoT, to collect new data with sensors, or business process, to transform data into operationalized insights.

# WE SUPPORT YOUR WHOLE JOURNEY TO THE CLOUD DATA

## A robust methodology





Cloud consulting



PaaS-based development services



Data & analytics services

# WE ARE ONE STOP CLOUD SHOP

highly connected to good old legacy systems



AI/ML services



Managed services

# OUR KEY CLOUD OFFERS

## PLAYS & VERTICALS

1

MOVE TO CLOUD



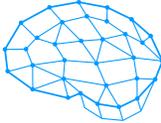
2

MODERN DATA PLATFORM



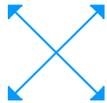
3

INTELLIGENT AUTOMATION



4

MODERN APP



RETAIL, CPG & LUXURY

MANUFACTURING/INDUSTRY

TRANSPORT & MOBILITY

# MICROSOFT CLOUD CAPABILITIES OVERVIEW

For almost 20 years, we've been helping companies reinvent themselves by leveraging Azure Cloud technologies

Some cutting edge **business & cloud capabilities** to **imagine & build solutions** that ...

... solve **our customers business pain points** focusing on **3 sectors** in which we have a significant track records.



## DIGITAL / CLOUD CONSULTING

100 consultants (France, Asia)

- › Agile transformation
- › Change management
- › Design thinking & product management
- › Business & cloud consulting



## MODERN WORKPLACE

50 consultants (Spain)

- › B2E & collaborative
- › O365



## BUSINESS APPLICATION

75 consultants (France)

- › Dynamics 365 finance & operations
  - Professional services package
  - Distribution



## DATA/ANALYTICS & AI/ML

250 consultants (Fr, Esp.)

- › BI solutions (Power Automate, Power BI)
- › Data integration solutions (Boomi, Informatica, ...)
- › Modern Data platform (Synapse, Azure data, ...)
- › AI/ML (Azure ML, MS cognitive services)



## CLOUD DEV & INFRASTRUCTURE

500 consultants (France, Esp., Asia)

- › Web & Mobile
- › Edge computing & IoT
- › cloud migration & implementation (SAP on Azure)
- › cloud-native application development & DevOps



## MANAGED SERVICES

30 consultants (Spain)

- › A 24/7 service team available that help you manage, protect, and secure your workloads.



## RETAIL, CPG & LUXURY



## MANUFACTURING / INDUSTRY



## TRANSPORT & MOBILITY

# WISEO'S CLOUD SERVICES OVERVIEW

WISEO offers services from consulting to migrations, to operations management that help you manage, protect, and secure your workloads, no matter where they are



## ASSESSMENT & PLANNING

-  Cloud Readiness Assessment
-  Solution Analysis, Scope & Design
-  Data Architecture Design
-  Cloud TCO and ROI analysis
-  Business Opportunity Identification



## MIGRATION & DEPLOYMENT

-  System Integration
-  Data Center Migration
-  Backup and Disaster Recovery
-  App re-platform
-  Database Development
-  Deployment Services



## OPERATIONS

-  Help Desk Support
-  Security Management & Identity Protection
-  Use Rights & Account Management
-  Virtual Machine Management & Upgrading
-  Performance and App Troubleshooting
-  Cloud Usage Forecasting
-  Proactive Monitoring
-  Billing Management
-  Health Checks
-  Capacity Planning
-  Training
-  3rd Party Application Management

# WE HAVE A LOT OF MICROSOFT BADGES

A strong and senior relationship we are definitely proud of!



## CERTIFICATIONS & HONORS



Partenaire de l'année 2019  
Intelligent Cloud  
France



3 experts recognized by Microsoft for their technical expertise and influence in the Azure and AI community

Gold Cloud Platform

Gold Data Analytics Gold Enterprise Resource Planning

Gold Application Development

Silver Cloud Business Apps



## EXPERTISES





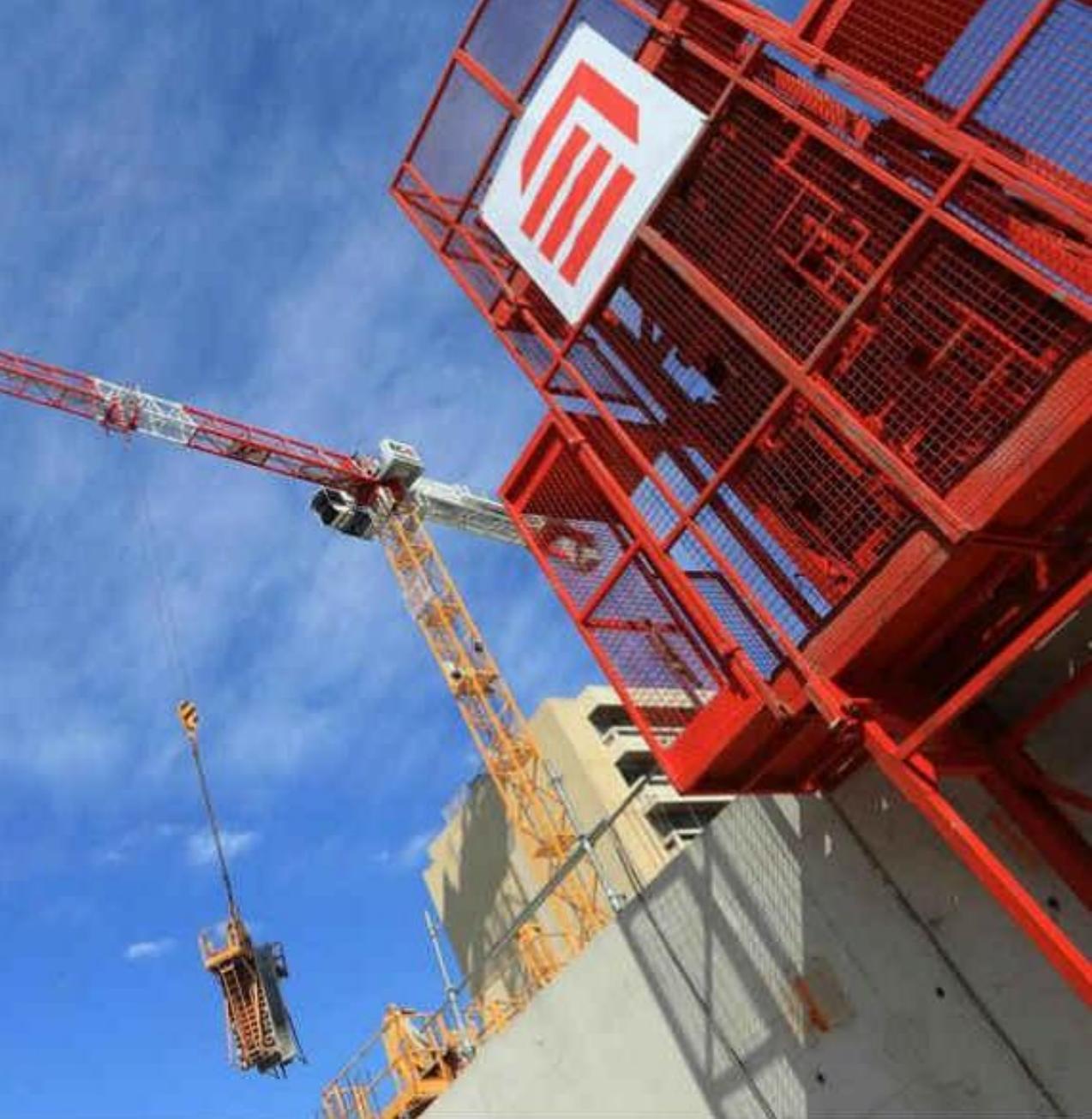
## THE HOTEL GROUP

### TRANSFORMATION OF INFORMATION SYSTEM AND DATA MODEL

- › Following the division of 2 entities, the customer needed to rebuild its data model and data flows for a better investment prognosis

### WISEO'S ROLE

- › Alignment of the COMEX with the vision
- › Definition of transformation KPI's
- › Breakdown of construction sites and prioritization
- › Macro impact analysis
- › Management of the IT transformation and its impact
- › Participation in the identification of business needs, co-construction workshops
- › User adoption, communication and training plan
- › Monitoring end-user adoption
- › Establishment and animation of business communities



## CONSTRUCTION COMPANY

### CROSS-SUBSIDIARY BIRD PYRAMID CREATION

- For more efficiency in the prevention of accidents and incidents at work, the customer was looking for a data platform allowing to consolidate the data in order to analyze it via a comparison in different directions

### WISEO'S ROLE

- Pilot the project
- Definition of the target architecture
- Definition of the specifications
- Deployment of the solution
- Development of Power BI dashboards
- Support at the reception phase
- Support and training for users

#### Technology used:

- Azure Blob storage
- Azure Data Factory V2
- Azure Analysis Services
- Power BI



## TRANSPORTATION PROVIDER

### TRACKING OF ALERTS RELATING TO STATION INCIDENTS

- In order to better plan its action and maintain the cleanliness of the station, city transport operator has collaborated with VISEO to build a holistic report with PowerBI visualizations.

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The background features a dark blue field with out-of-focus, colorful bokeh lights in shades of blue, yellow, and white. Two thick, white diagonal lines cross the frame from the top-left towards the bottom-right.

# Yves Cointrelle

94 rue de Paris 92100 BOULOGNE-BILLANCOURT  
+33 (0)6 16 42 95 97

[Yves.cointrelle@viseo.com](mailto:Yves.cointrelle@viseo.com)