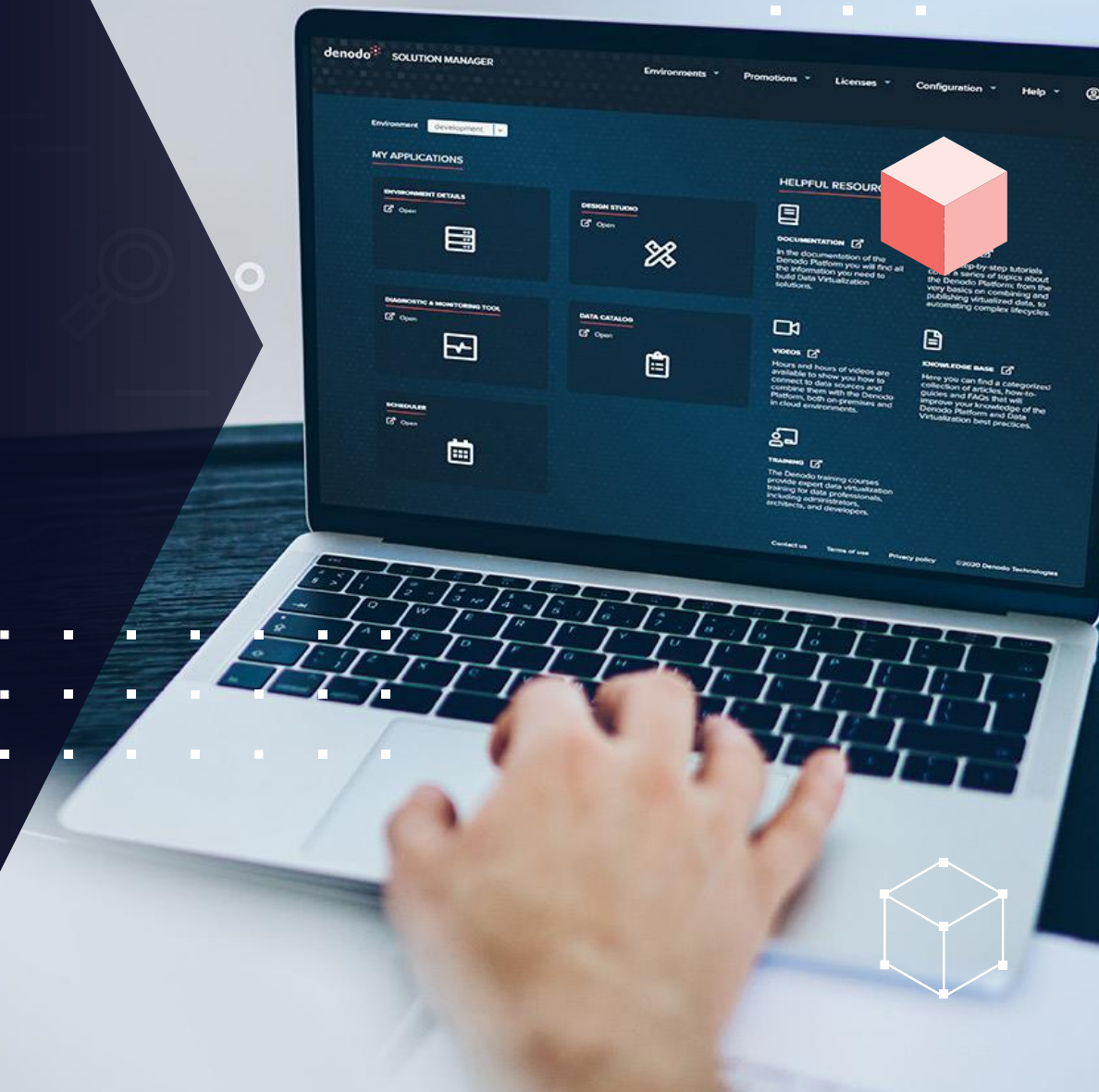
denodo

BITanium

Exposing the power of data

How Data Virtualization is the Engine for the new Data Fabric Architecture



SPEAKERS

CHRIS O'CONNELL

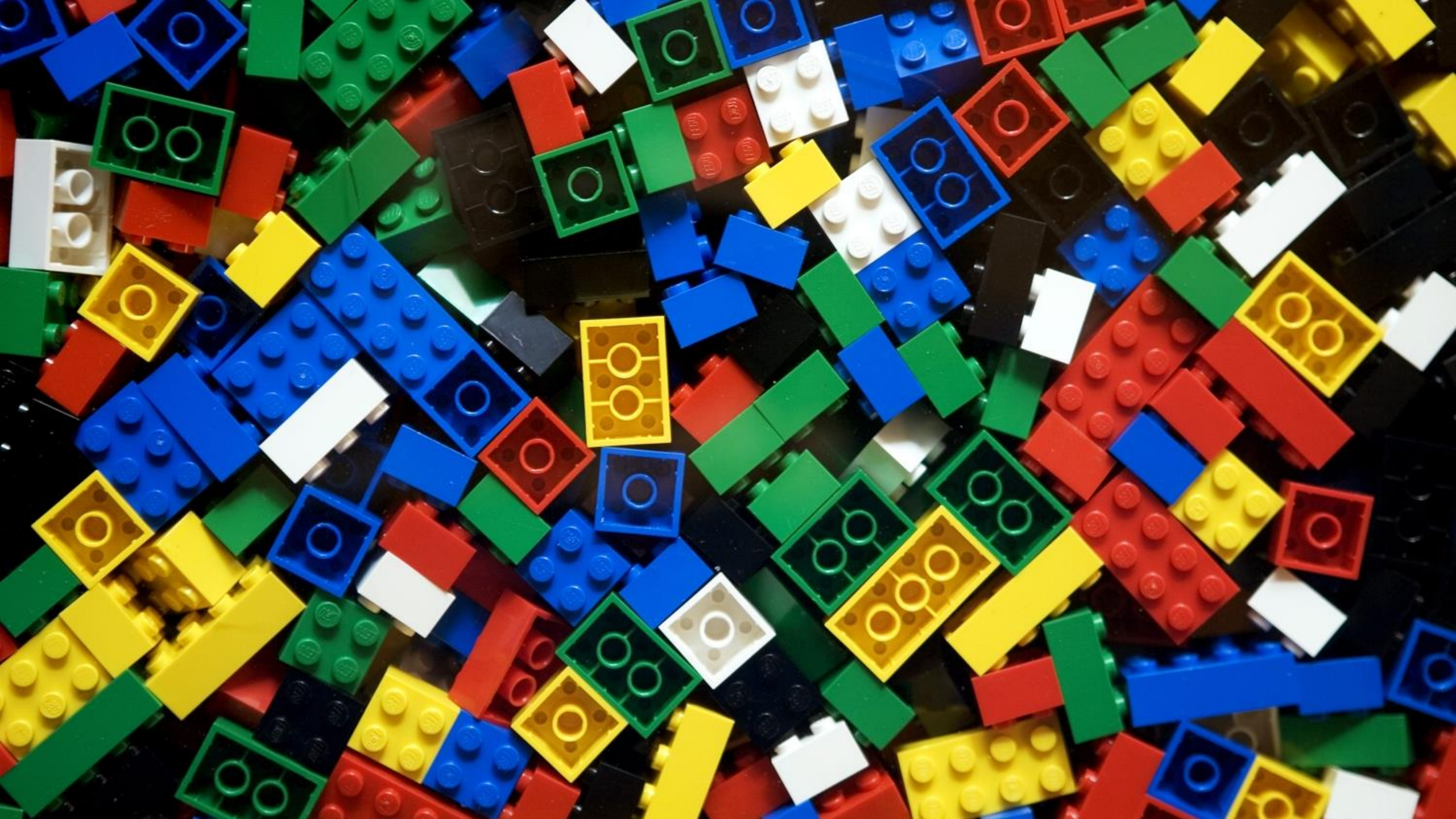
Managing Director,

BITanium Consulting

PAUL MOXON

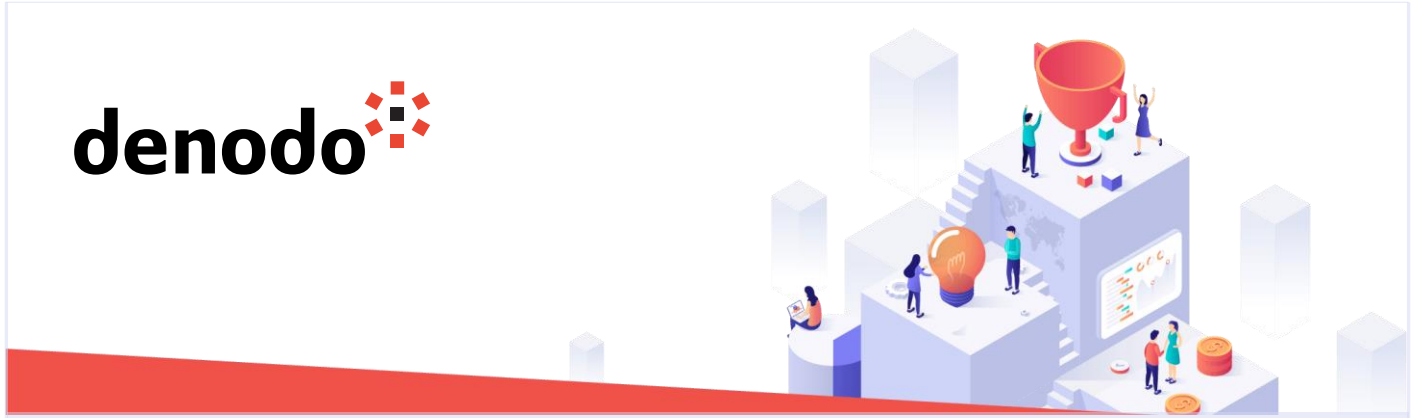
SVP Data Architectures and Chief Evangelist

Denodo Technologies



Denodo: Leader in Data Management

Long focus in data integration, management, delivery – since 1999



LEADERSHIP

Leader: Gartner Magic Quadrant for Data Integration Tools, 2021

Leader: Forrester 2017 Wave – Data Virtualization, Q4 2017

Leader: Forrester 2020 Wave – Enterprise Data Fabric, Q2 2020

Customers' Choice: 2022 Gartner Peer Insights for Data Integration Tools (2nd year in a row)

DENODO OFFICES, EMPLOYEES

Global presence – 25 offices in 20 countries; 500+ employees.

New offices in 2021 – Netherlands, Belgium, Sweden, South Korea.

CUSTOMERS and PARTNERS

1000+ customers, including many F500 and G2000 companies across every major industry.

300+ active and engaged partners, worldwide.

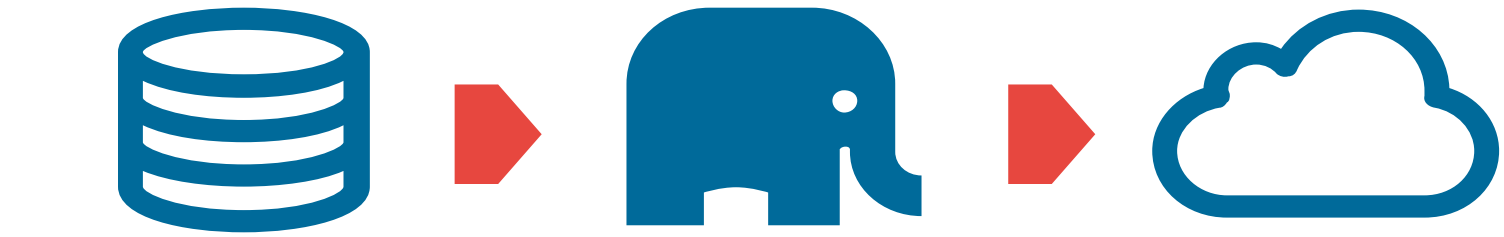
FINANCIALS

~50% annual growth

108% Net Retention; **4%** Churn

$0 debt; Profitable

Move Your Data To…

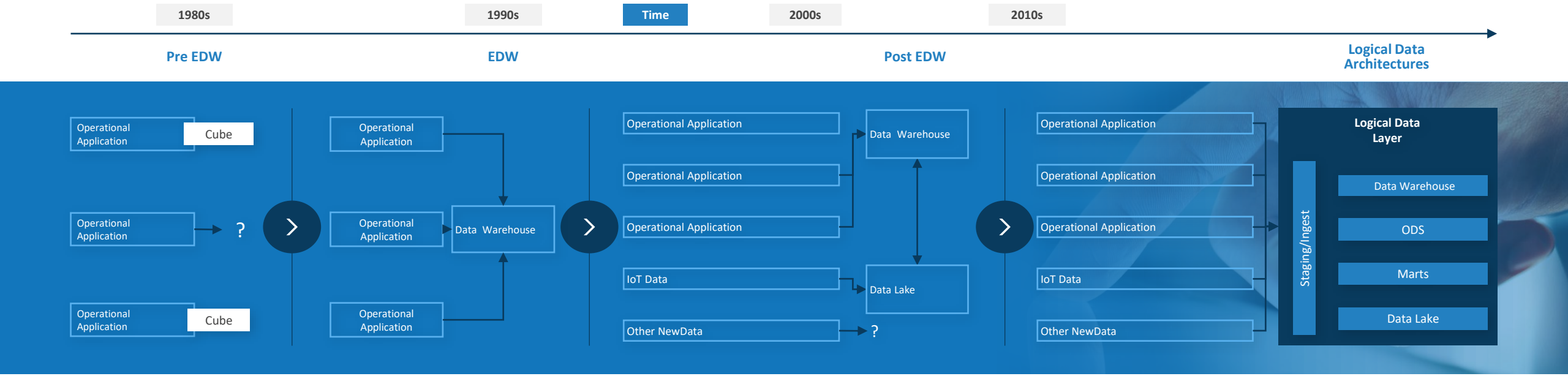


Most large, established companies maintain multiple data warehouses and data lakes — some on-prem, some in the cloud; some modern, and some legacy. For these companies, it would be an expensive 5-10 year endeavor to centralize their data in one place, and that assumes they don't start new projects with different data stores or acquire companies. Unsurprisingly, ***we are yet to see a large company with a single data warehouse or lake****, and instead, companies are looking to query data, wherever it is, without the need for an architectural lift and shift to a single point of storage*"

Andreesen Horowitz blog post, January 6th 2021

Evolution of data architectures

This is a Second Major Cycle of Analytical Consolidation



Fragmented/ nonexistent analysis

- Multiple sources
- Multiple structured sources

Unified analysis

- Consolidated data
- "Collect the data"
- Single server, multiple nodes
- More analysis than any one server can provide

Fragmented analysis

- "Collect the data" (Into
- different repositories)
- New data types,
- processing, requirements
- Uncoordinated views

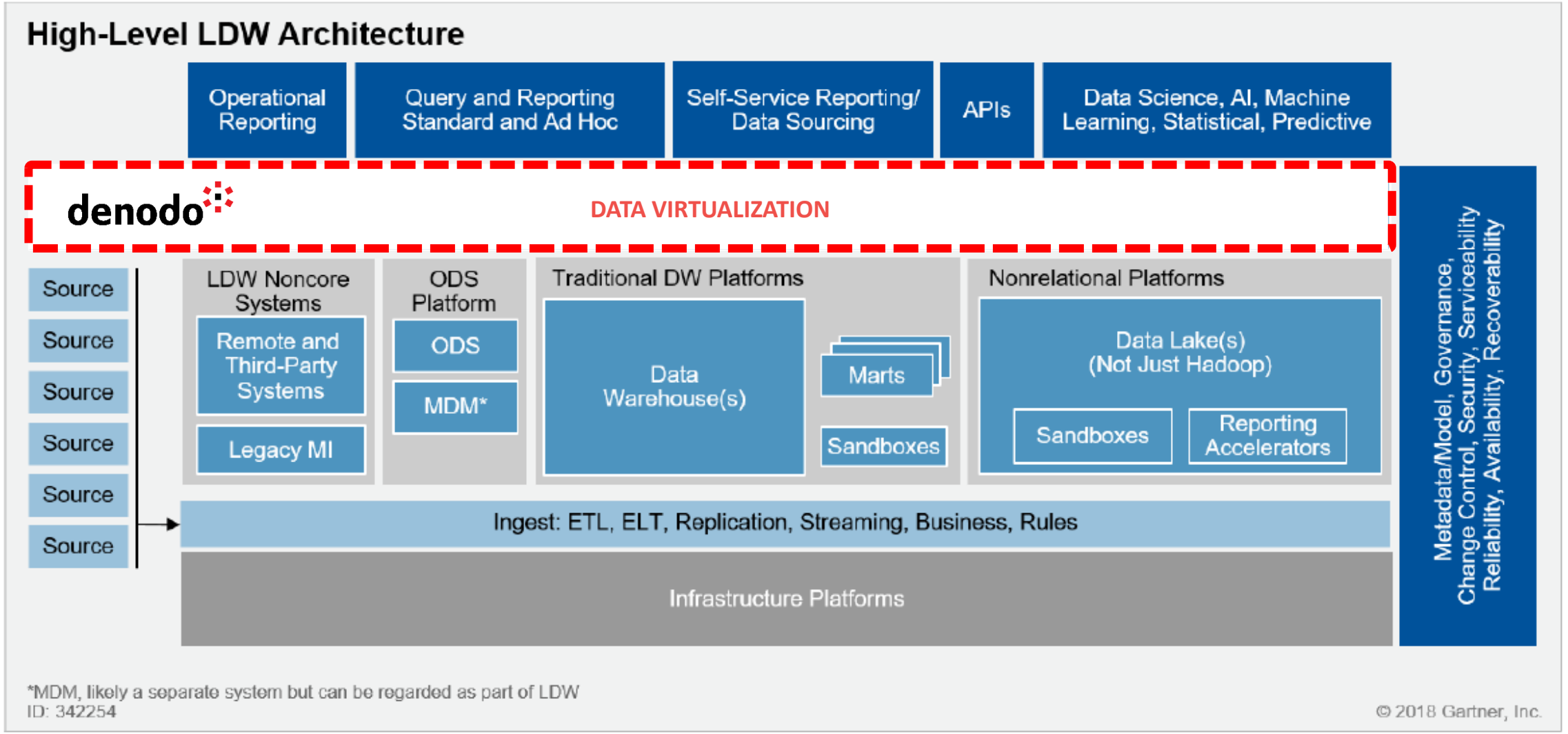
Unified analysis

- Logically consolidated view of all data
- "Connect and collect"
- Multiple servers, of multiple nodes
- More analysis than any one system can provide

denodo BITanium

Gartner – Logical Data Architecture

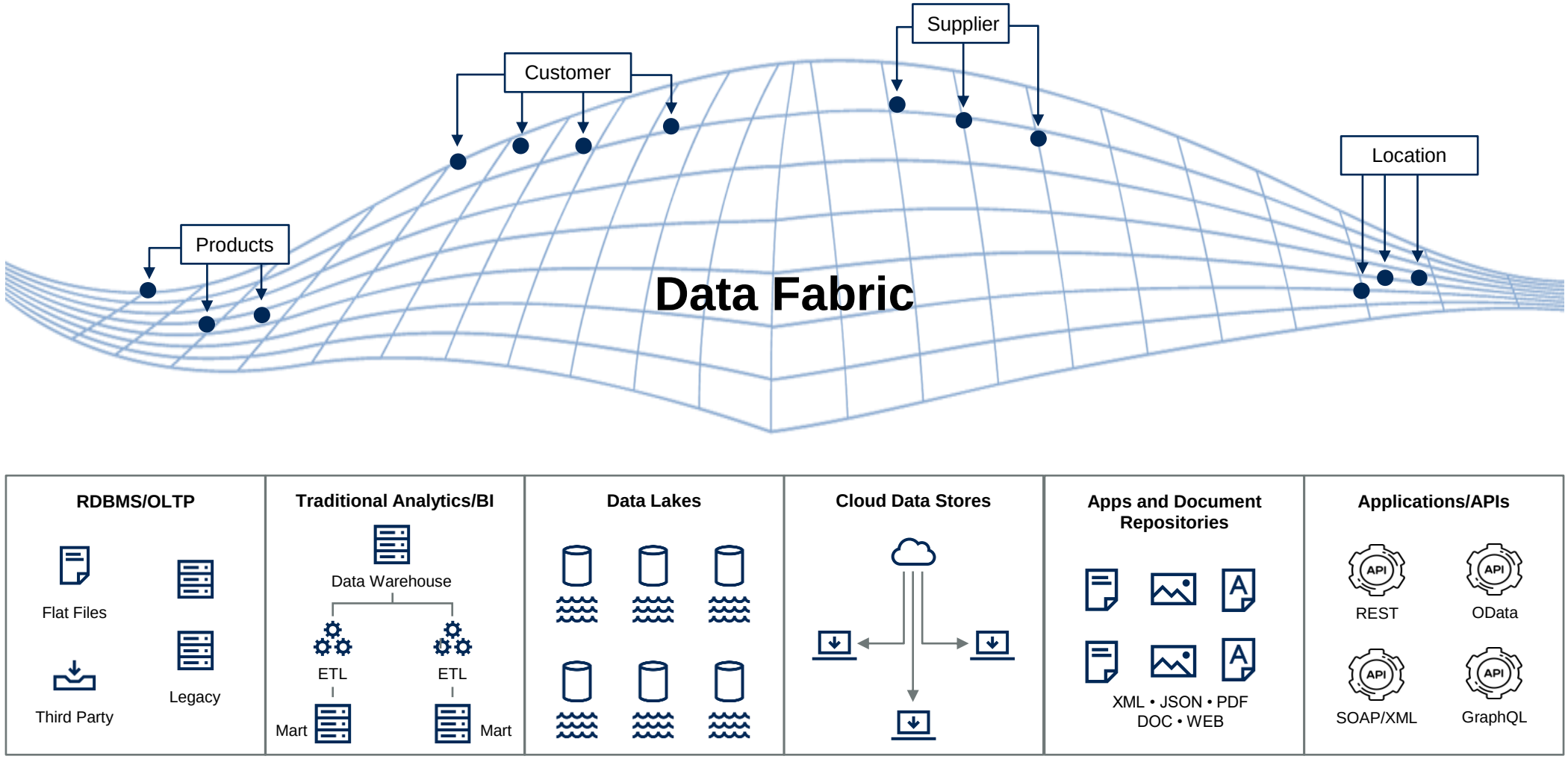
Gartner



denodo BITanium

"Adopt the Logical Data Warehouse Architecture to Meet Your Modern Analytical Needs". Henry Cook, Gartner April 2018

What is a Data Fabric?



The core of the matter is being able to **consolidate many diverse data sources** in an efficient manner by allowing **trusted data** to be delivered **from all relevant data sources to all relevant data consumers** through **one common layer**.

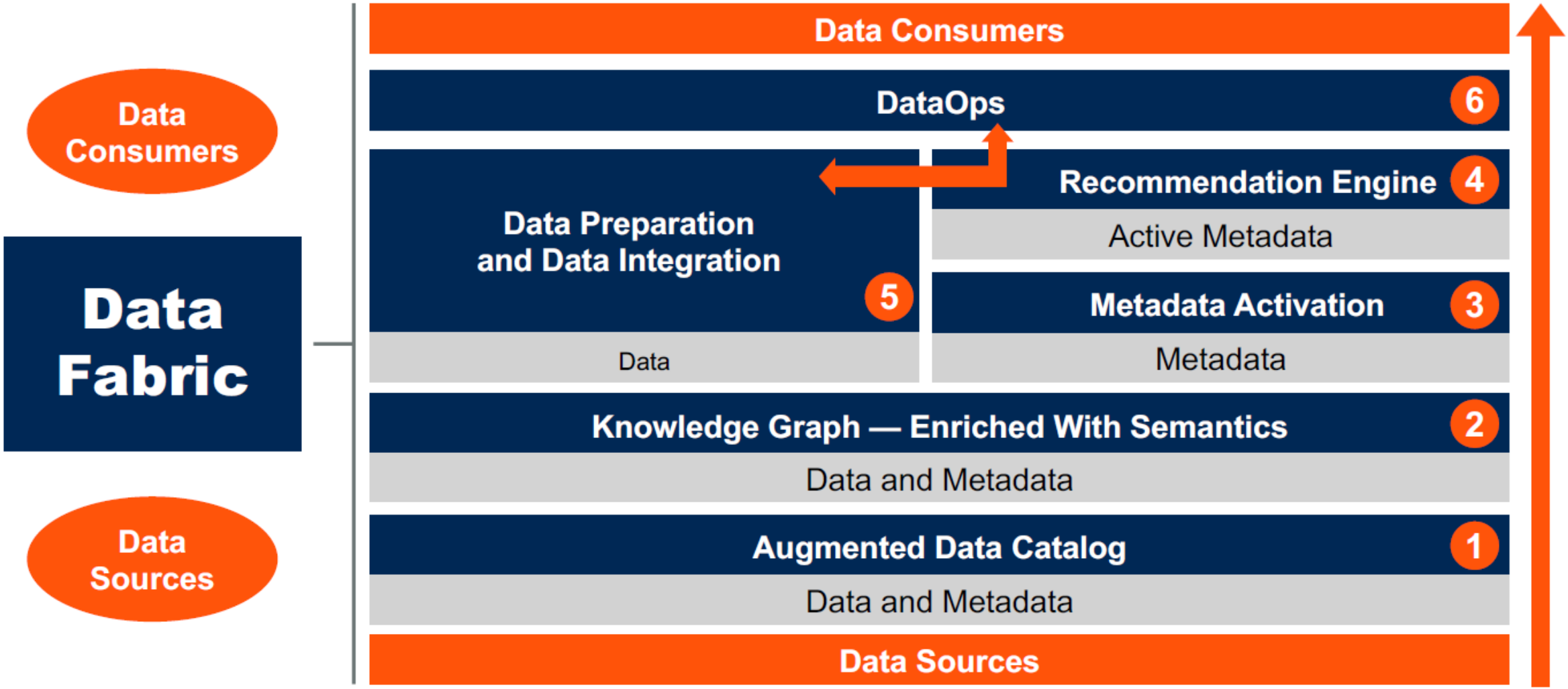
***Source**: Demystifying the Data Fabric, Gartner, September 2020*

The Data fabric focuses on **automating** the process integration, transformation, preparation, curation, security, governance, and orchestration to **enable analytics and insights quickly** for business success.

***Source**: Enterprise Data Fabric Wave, Forrester, June 2020*

Gartner: Key Pillars of a Modern Data Fabric Design

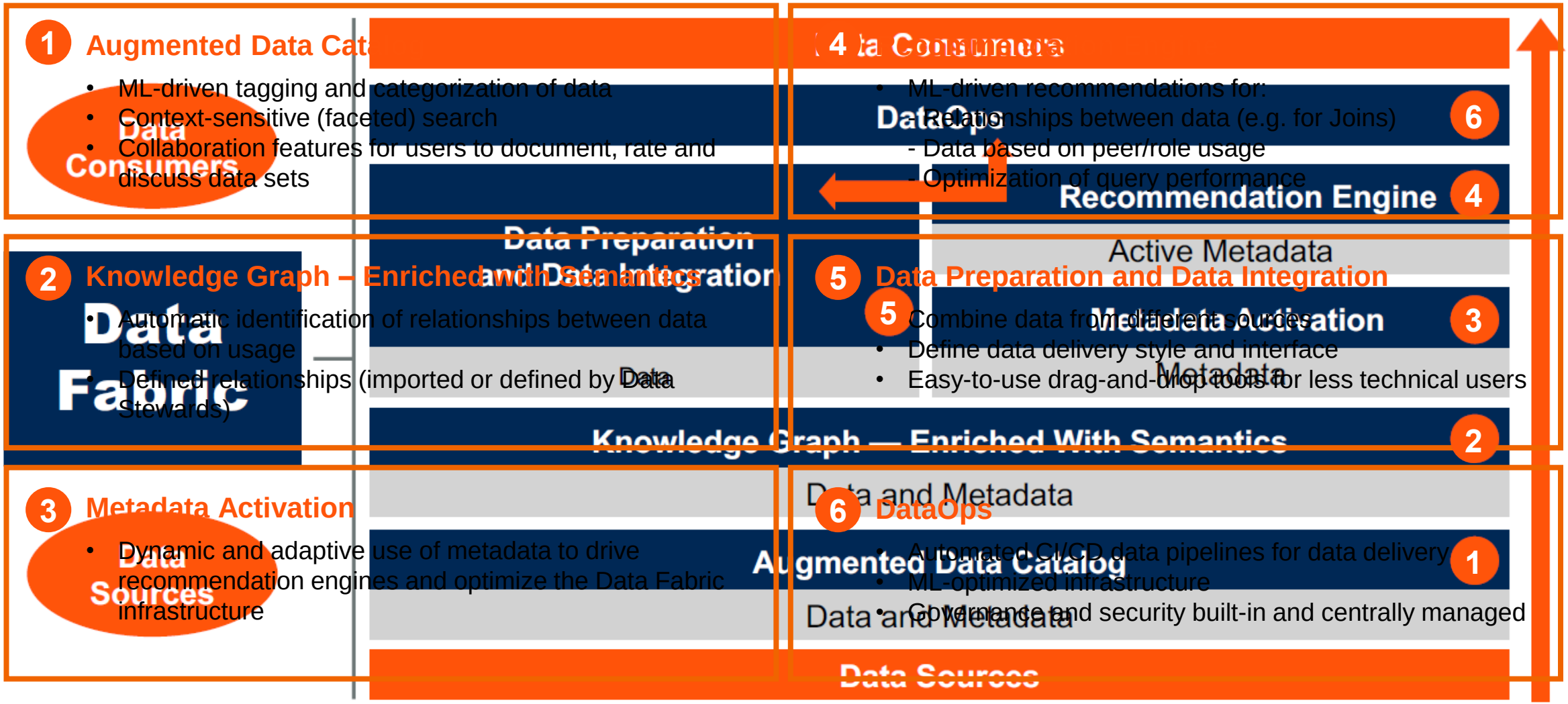
Gartner



Source: Demystifying the Data Fabric Gartner, September 2020

Gartner: Key Pillars of a Modern Data Fabric Design

Gartner



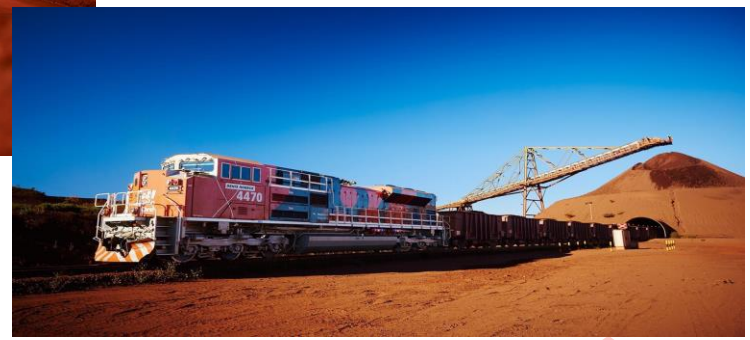
denodo BITanium

Global Data Fabric @ BHP

About BHP

Company Profile and Background

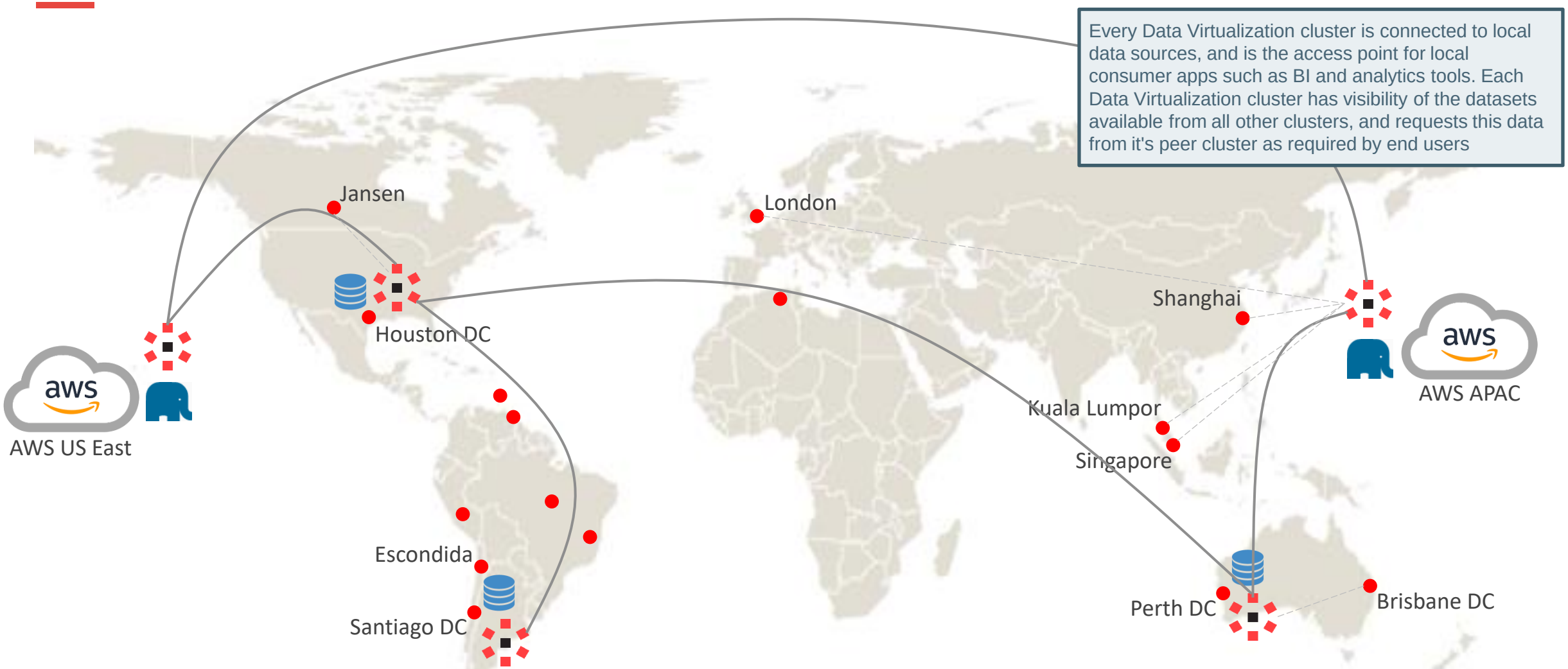
- Anglo-Australian multinational mining, metals and petroleum dual-listed public company headquartered in Melbourne, Australia.
- BHP ranked as **the world's largest mining company**, based on market capitalization
- BHP has mining operations in **Australia, North America, and South America,** and petroleum operations **in the U.S., Australia, Trinidad and Tobago, UK, and Algeria**.
- The company has four primary operational units
  - Coal
  - Copper
  - Iron ore
  - Petroleum
- No of Employee : 72,000
- Revenue : US$44.288 billion (2019)



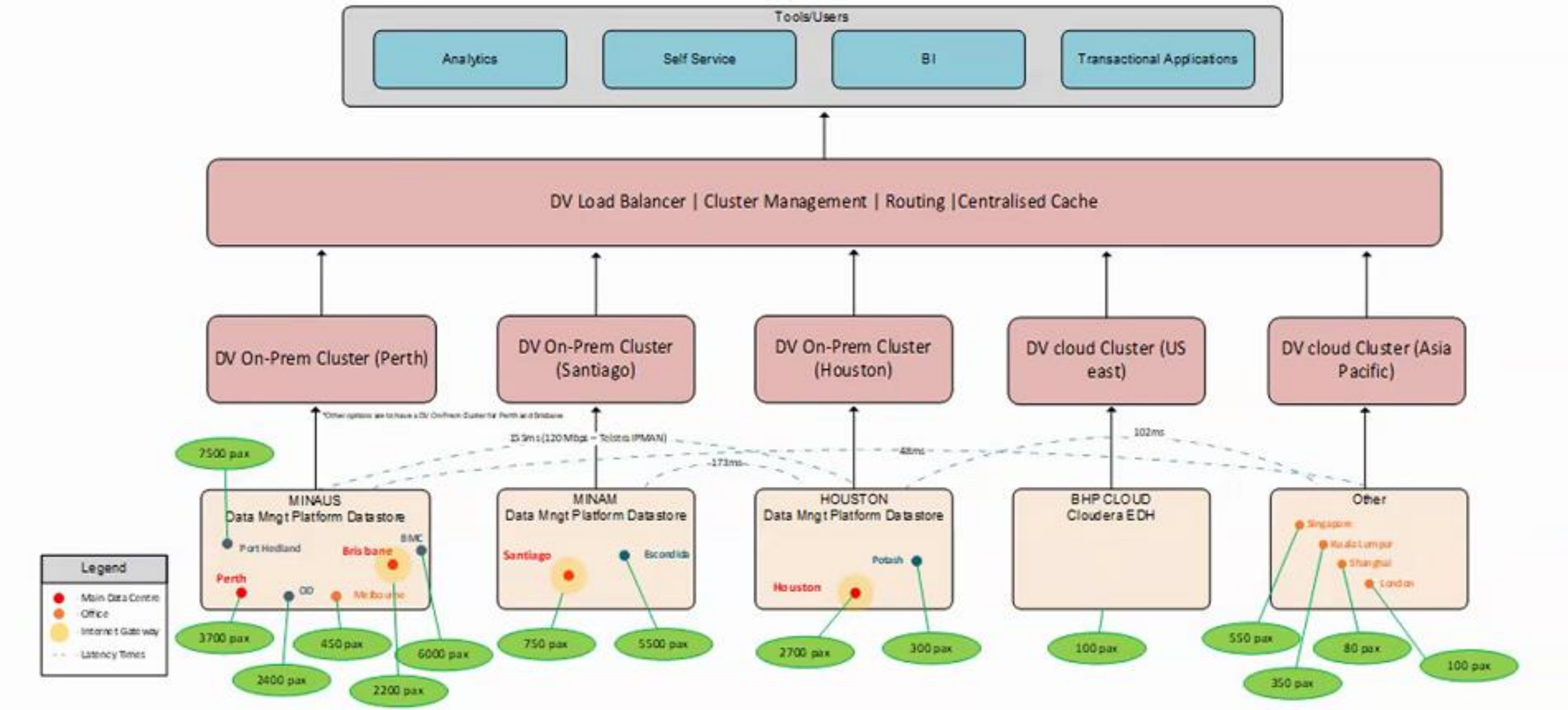
BHP – Globally Distributed Data and Users

denodo BITanium

BHP – Global Data Fabric

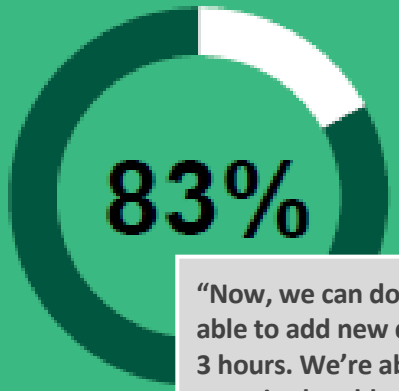


BHP – Global Data Fabric Infrastructure



Value of a Data Fabric

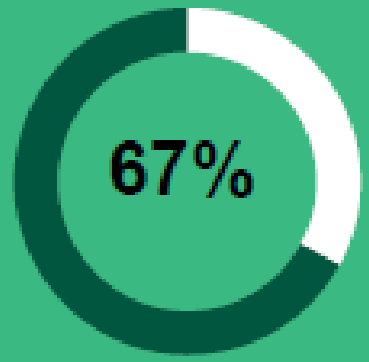
Reduction in time-to-revenue



"Now, we can do weekly releases. We're able to add new data sources within 2 to 3 hours. We're about 60% faster than we were in the old world."

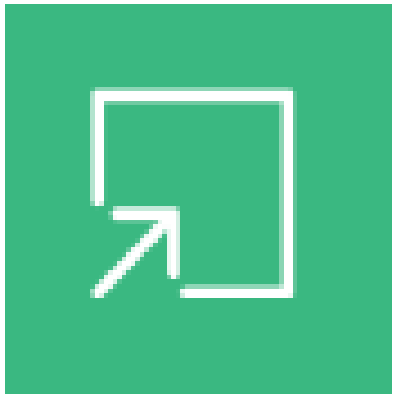
VP of data and analytics, real estate

Reduction in total data preparation time for data scientists



"I would say our data workers are at least 50% faster."

IT manager, manufacturing



Reduction in delivery times over ETL

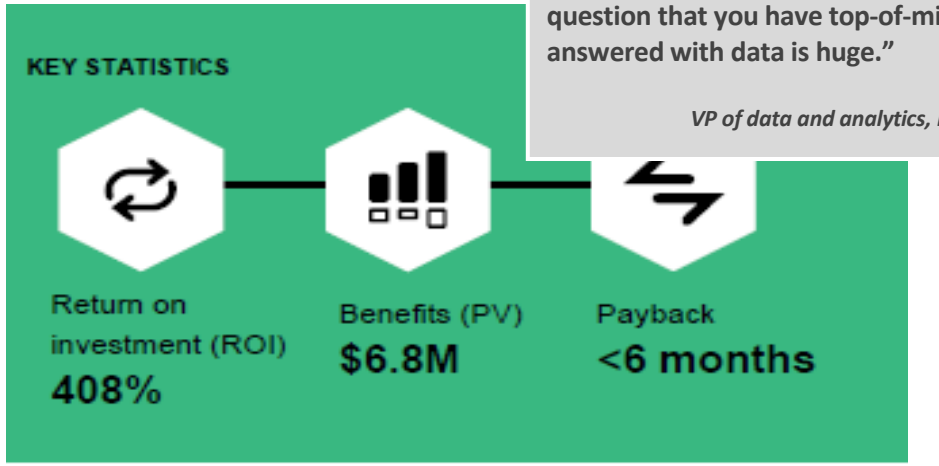
65%

"Since deploying Denodo, we have gone anywhere from a couple of days or weeks to less than a day to deliver data sets."

IT manager, manufacturing

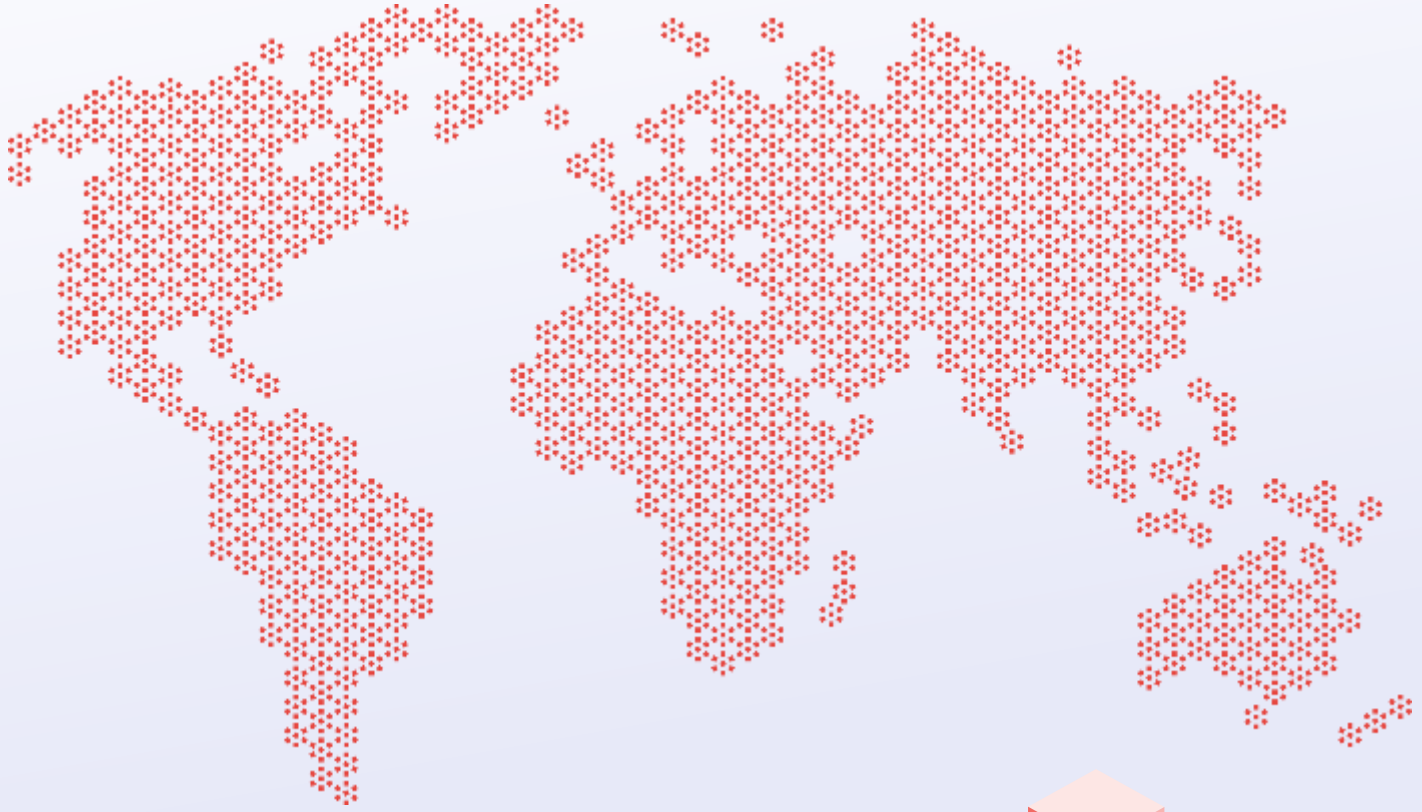
"To me, it all boils down to speed to insights. Not having to wait to get the question that you have top-of-mind answered with data is huge."

VP of data and analytics, real estate



denodo

BITanium



Thanks!

denodo | www.denodo.com | info@denodo.com

BITanium www.bitanium.co.za

info@bitanium.co.za