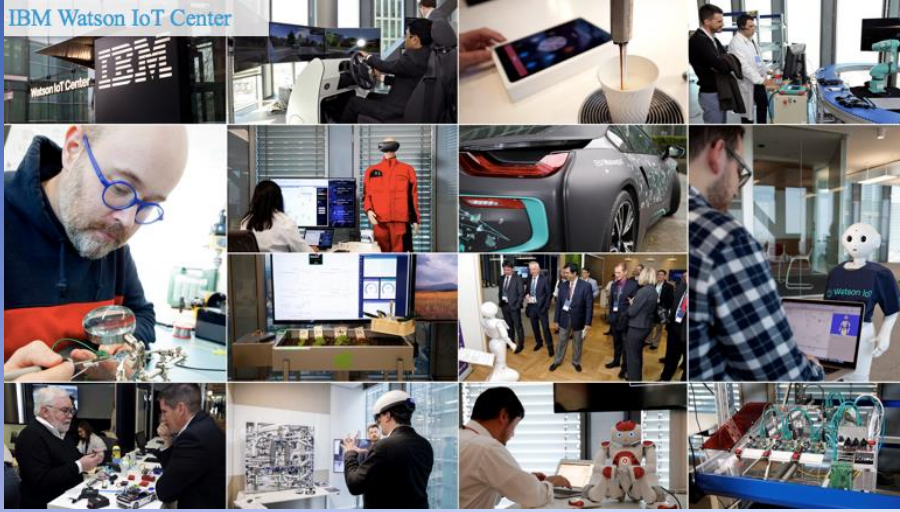


IBM Watson IoT Center



## Industrie4.0 Data&Integration PoV

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## Forces Paint points

### *Focused on:*

- => *Operational Excellence*
- => *Costs Reduction*
- => *Cognitive processes & operations*
- => *Process Automation & Smarter Resources*

### *Focused on:*

- => *Data-driven Business Models*
- => *New Revenue Streams*
- => *Remote Control IoT Services*
- => *Intelligent assets & equipment*

## Twin Approach

**Cognitive Factory  
& Production 4.0**

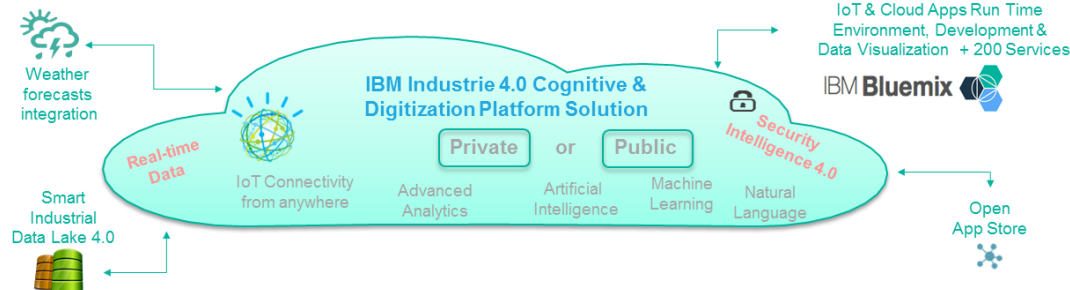
**Data**

**Smart Products &  
AfterSales Service**

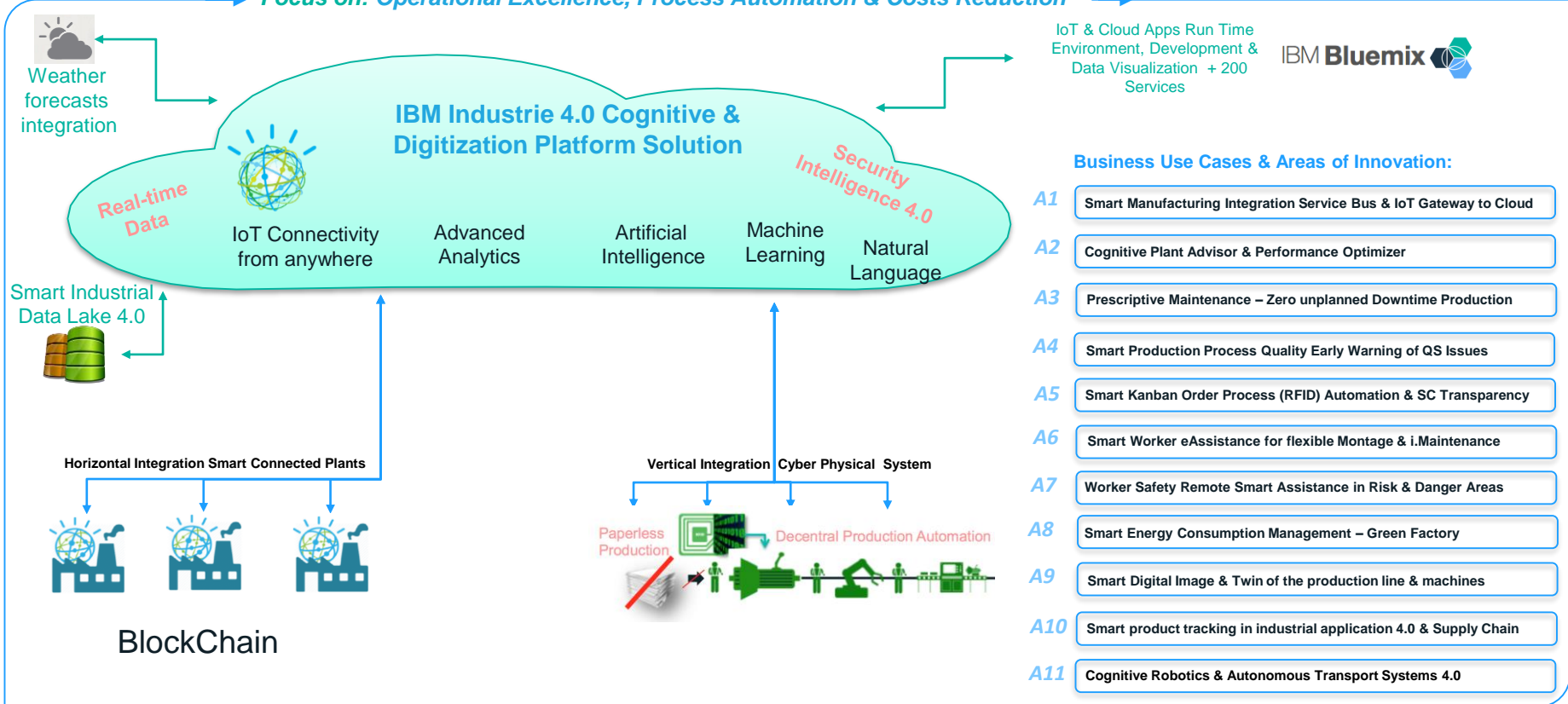
*A*

*B*

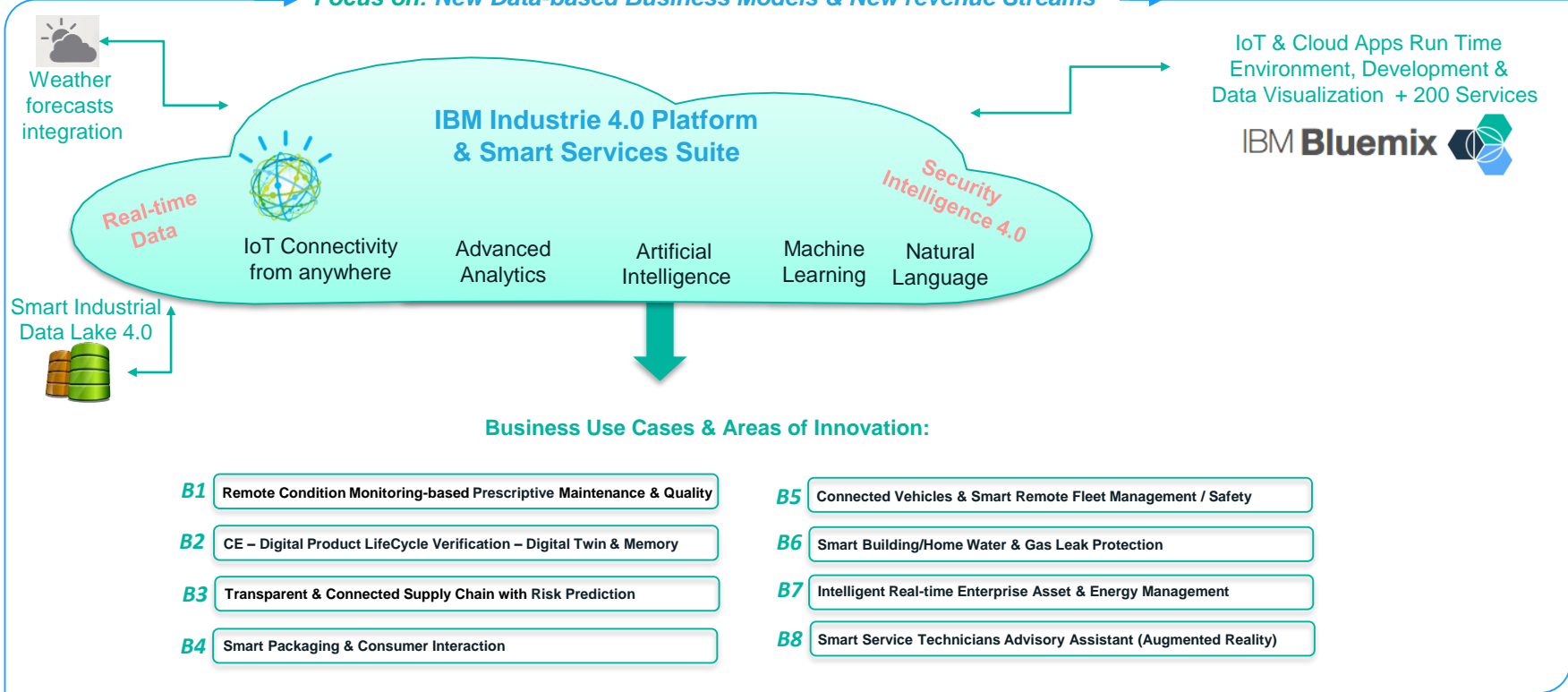
## IBM Industrie 4.0 Cognitive & Digitization Platform Solution



Focus on: Operational Excellence, Process Automation & Costs Reduction



Focus on: New Data-based Business Models & New revenue Streams







# Cognitive Manufacturing [a “data driven” digital journey]



## Prereq

## Gather the data

- Instrument your equipment/assets to collect data
- Gather already existing data



Asset needs to be connected, outfitted with sensor or data gathered

## Value

## Visualize the patterns

- Visualize your data in meaningful dashboards
- Start to see patterns
- Build with Bluemix



Use the platform to quickly build dashboards for data visualization

## Advance to analytics &amp; digitization

- Gain insights from the data, produce models, prediction recommendations
- Streamline business processes

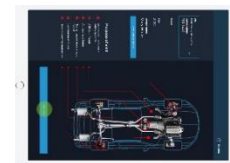


Use analytical models to predict equipment failures and provide recommendations

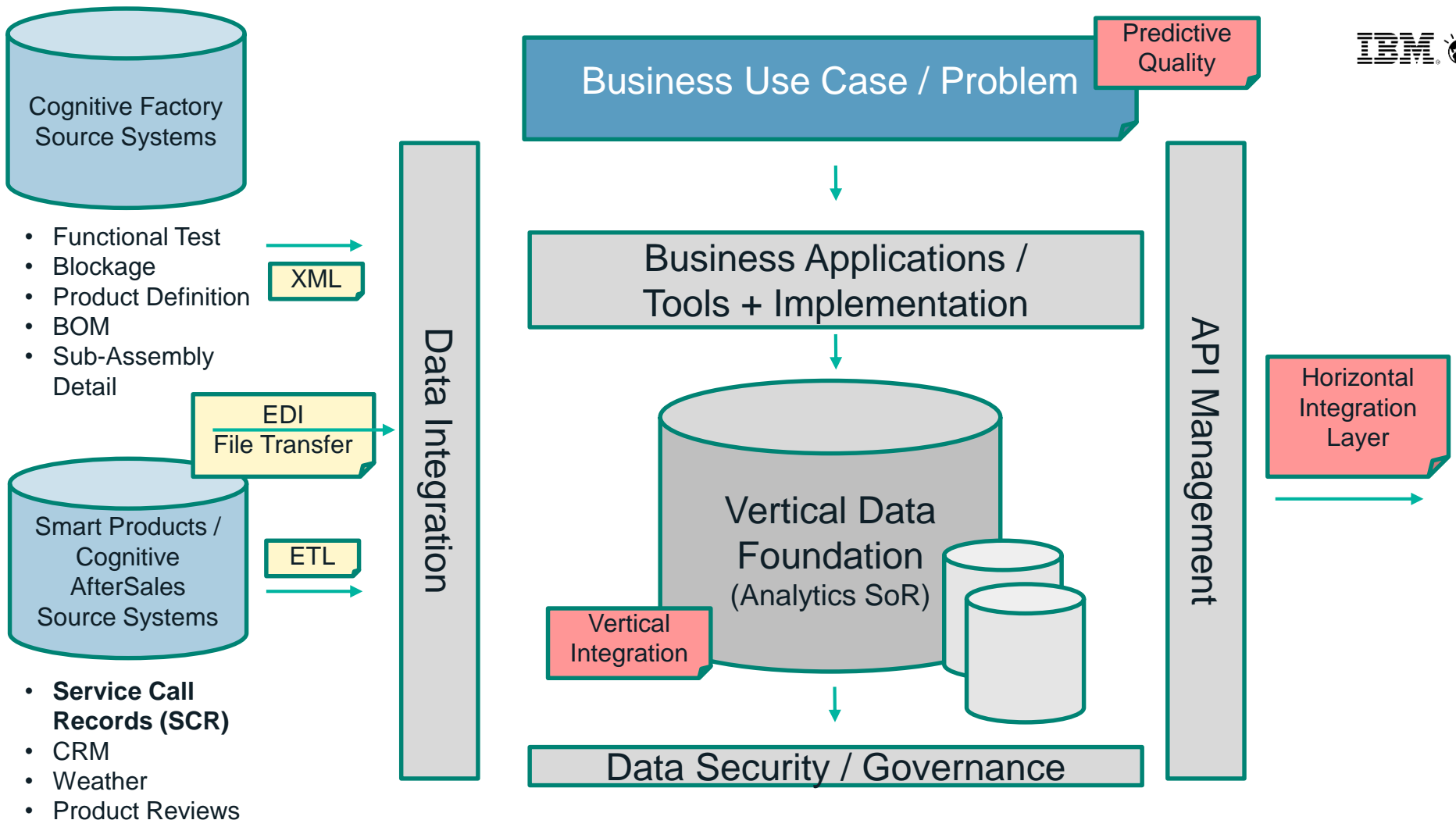
## Vision

## Infuse with cognitive

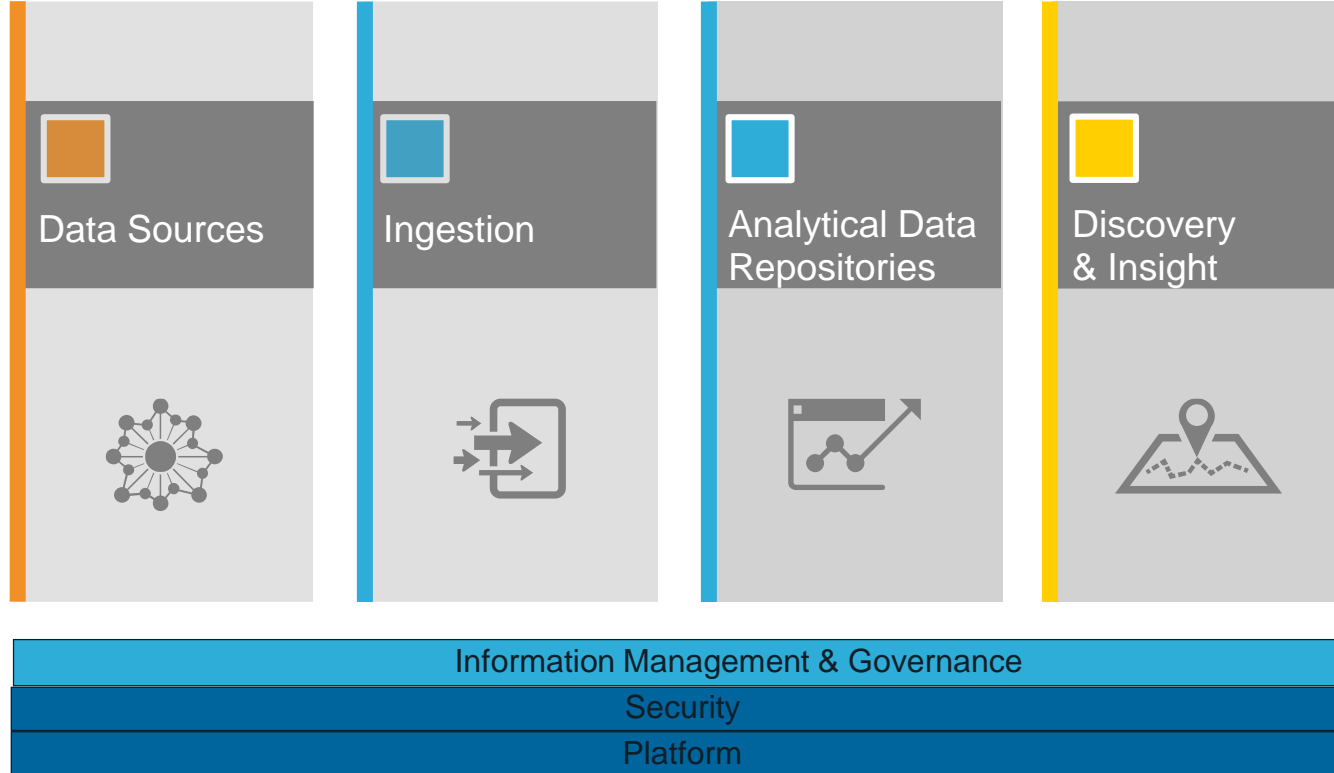
- Refine models with cognitive machine learning
- Utilize other cognitive functions to improve engagement
  - Visual Inspection
  - Acoustics Analytics



Use speech, video, image to diagnose complex problems

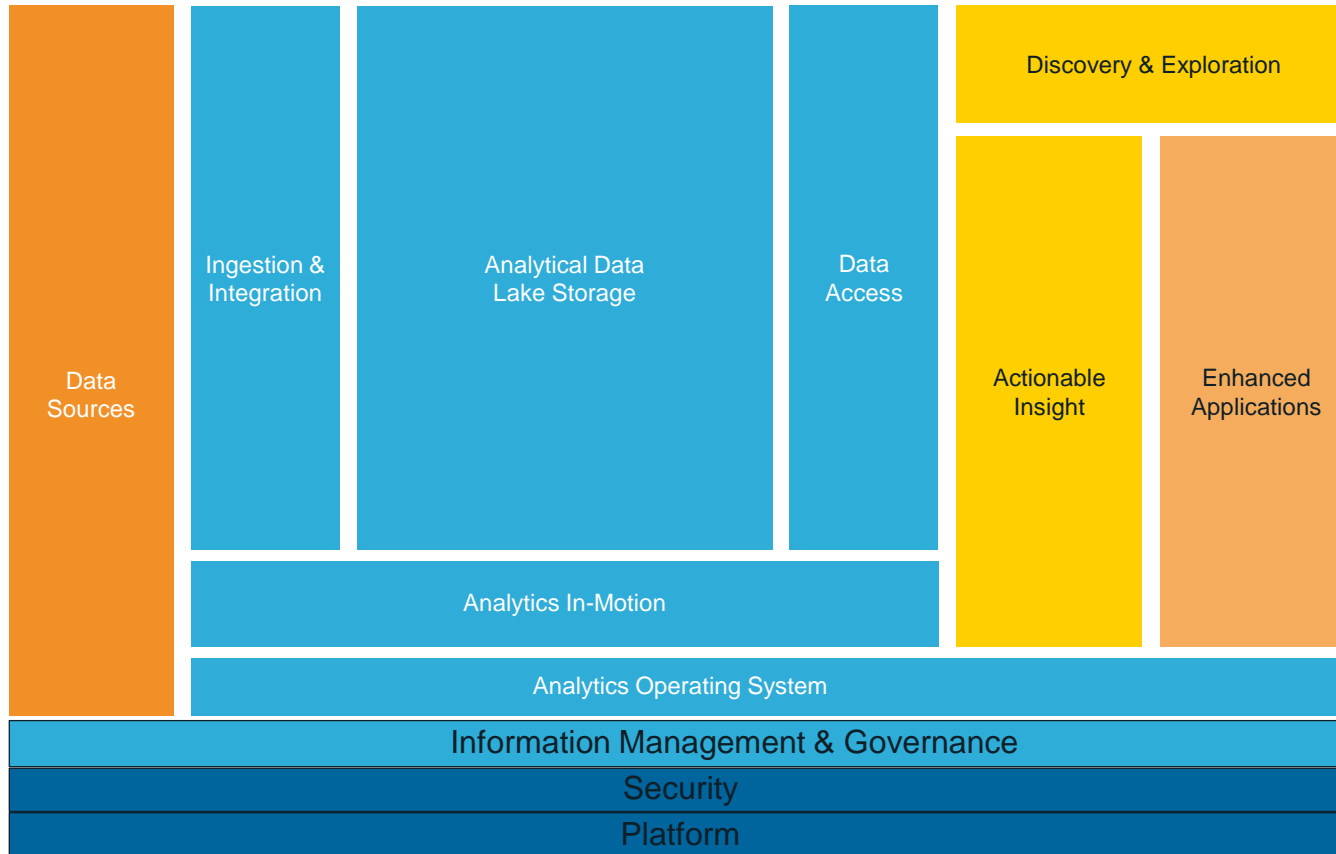


# Data&Analytics Platform

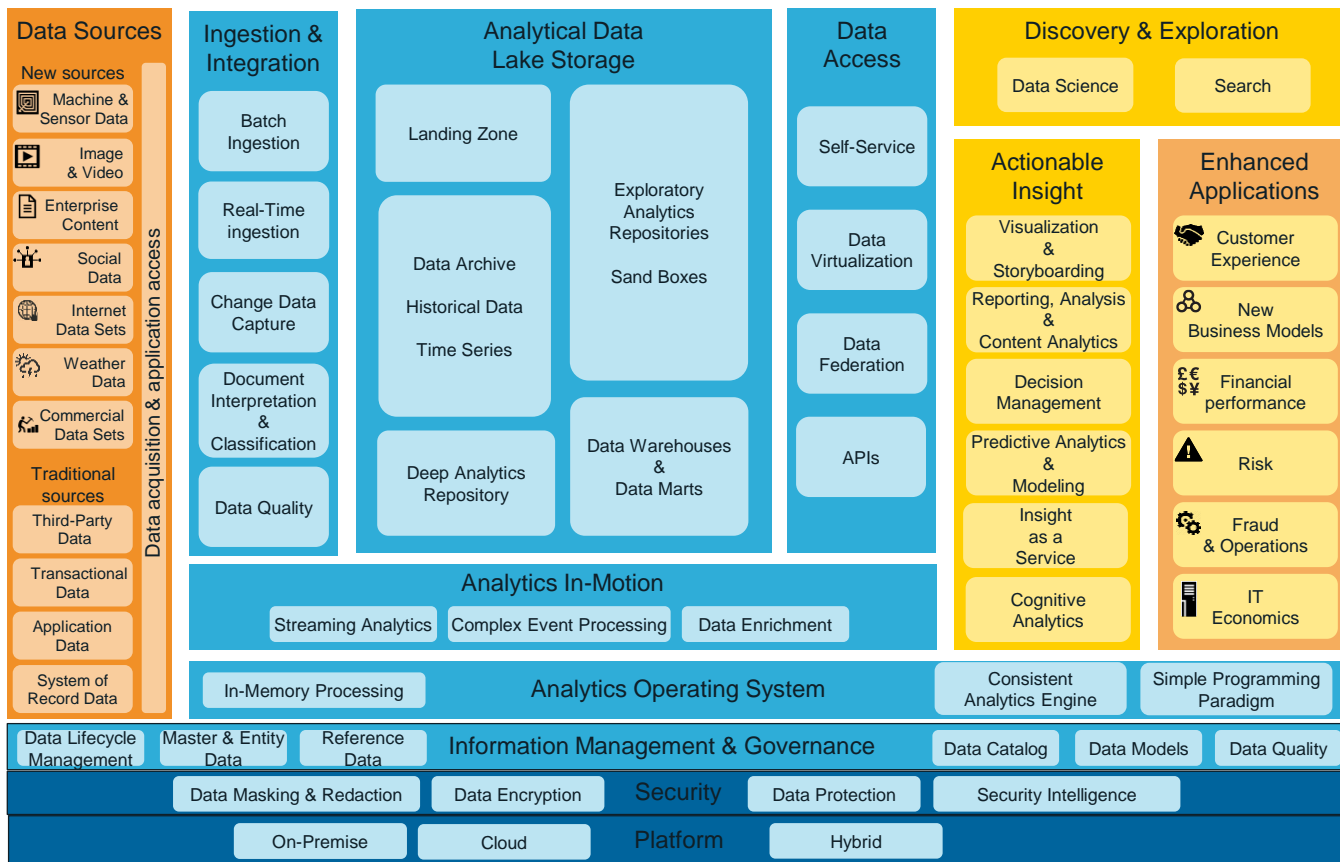




# Data & Analytics Platform: Components



# Data & Analytics Platform: Capabilities



Thank You

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