HOW'S YOUR REFLEX

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WHO AM I

- Data Platform MVP
- Co-owner of Data Lab ApS
- In BI since 2007
- Co-author of Pro Microsoft Power BI Administration
- Co-organizer of Power BI Next Step, Data Platform Next Step and Power BI Cruise in Denmark

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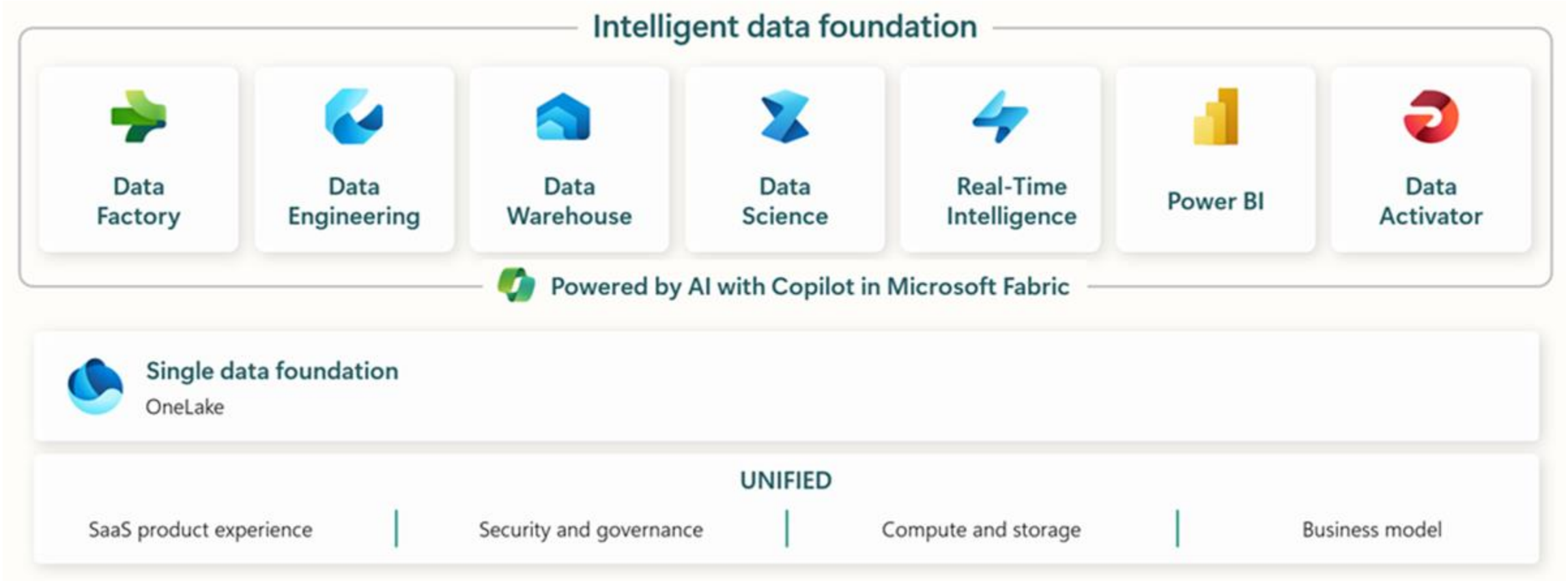


AGENDA

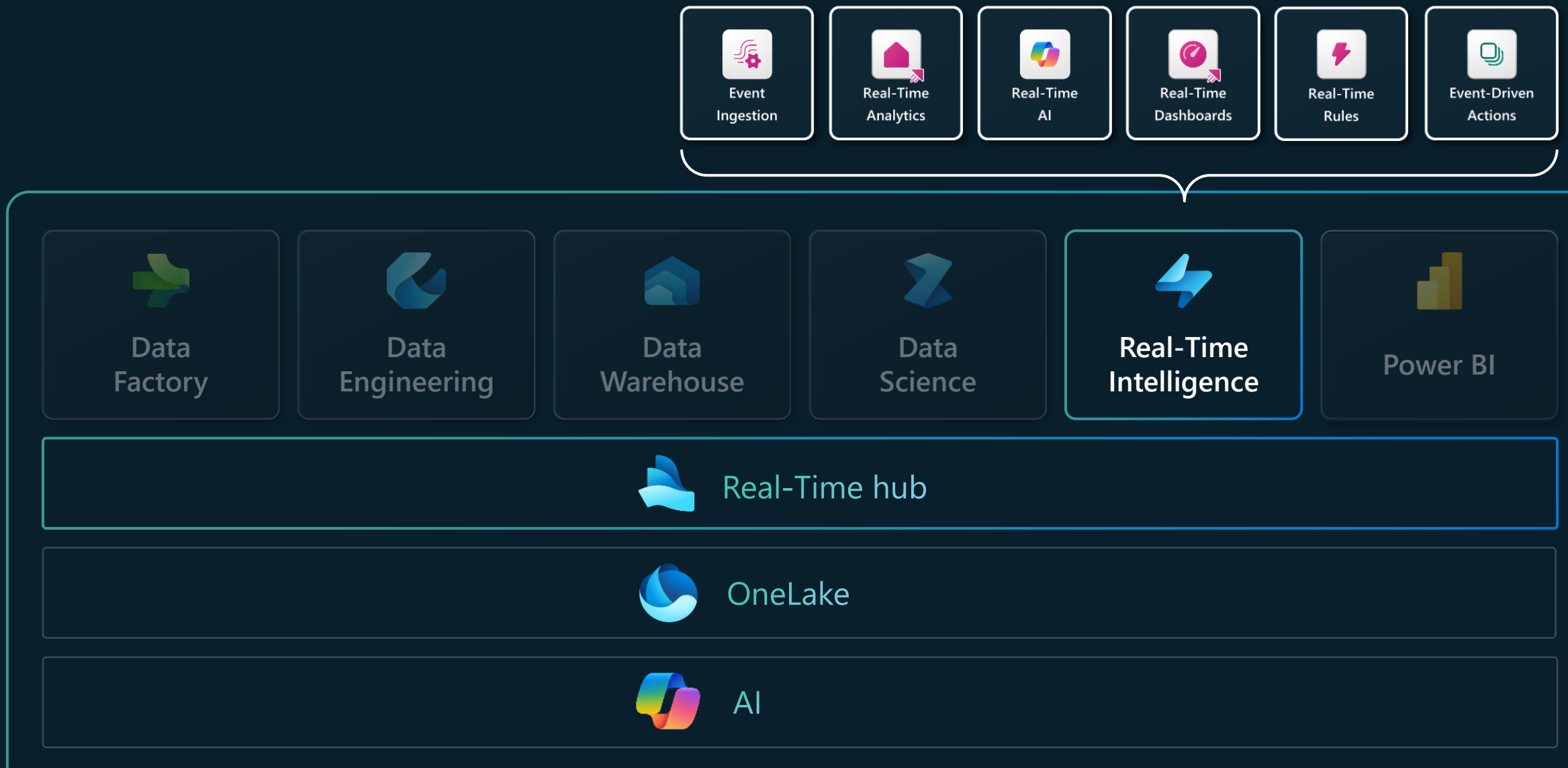
- What is Data Activator
- How is it positioned in Fabric
- Demo
- Conclusions



Microsoft Fabric and Data Activator



Real-Time Intelligence in Microsoft Fabric



Real-Time Intelligence in Microsoft Fabric

Microsoft Azure

Enterprise real-time data platforms

Azure Event Hub

Azure Event Grid

Azure Stream Analytics

Azure Data Explorer

+

Self-service reporting and activation

OneLake

Data Activator

Power BI

=

Real-Time Intelligence in Microsoft Fabric

Fully integrated, no/low-code real-time SaaS data platform

WHAT IS DATA ACTIVATOR

- No-code/low code experience to take action on data patterns or conditions
- Can monitor Power BI or Eventstreams items
- Can do simple actions or kick off a workflow via Power Automate
- In preview (October 2024)
  - Meaning you don´t pay for consumption (you will when out of preview)
  - You can expect features to change
  - You can expect features to mature and become more stable

WHAT IS DATA ACTIVATOR

- Can listen to verity of events
  - Power BI semantic model changes (with user context)
  - Various built in events
  - Anything you can add to eventstream item in Fabric
- Triggers on conditions being fulfilled
  - Conditions can be dataset fields
  - Conditions can be other than simple bigger than

What if we could automate it?

Manual



Staff diverted
Hard to drive engagement
Hard to scale

Code



Lack of agility
Expensive
Hard for IT to scale

No-code



Empowered experts
Fast iteration
Every department

What is missing today?

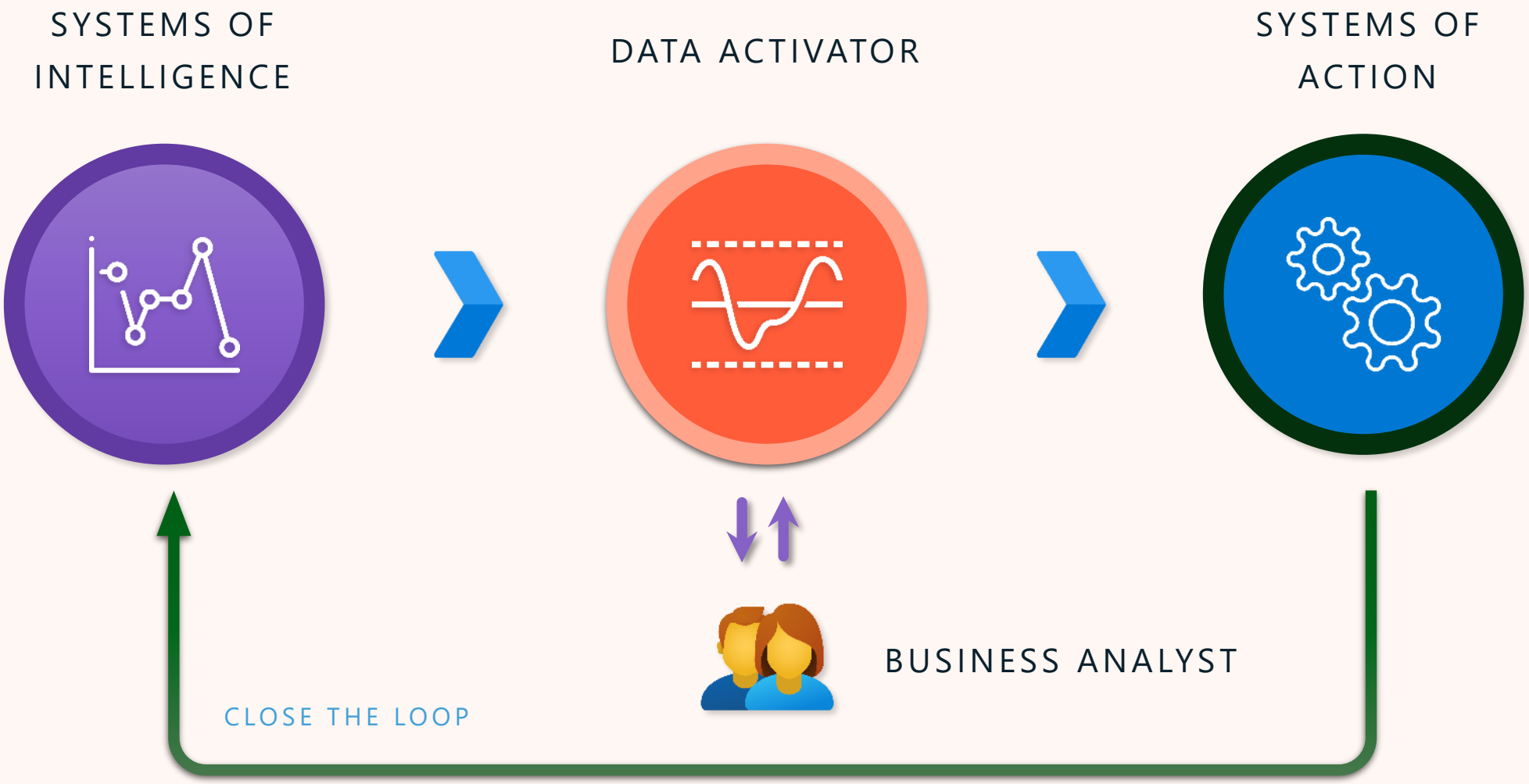
SYSTEMS OF INTELLIGENCE

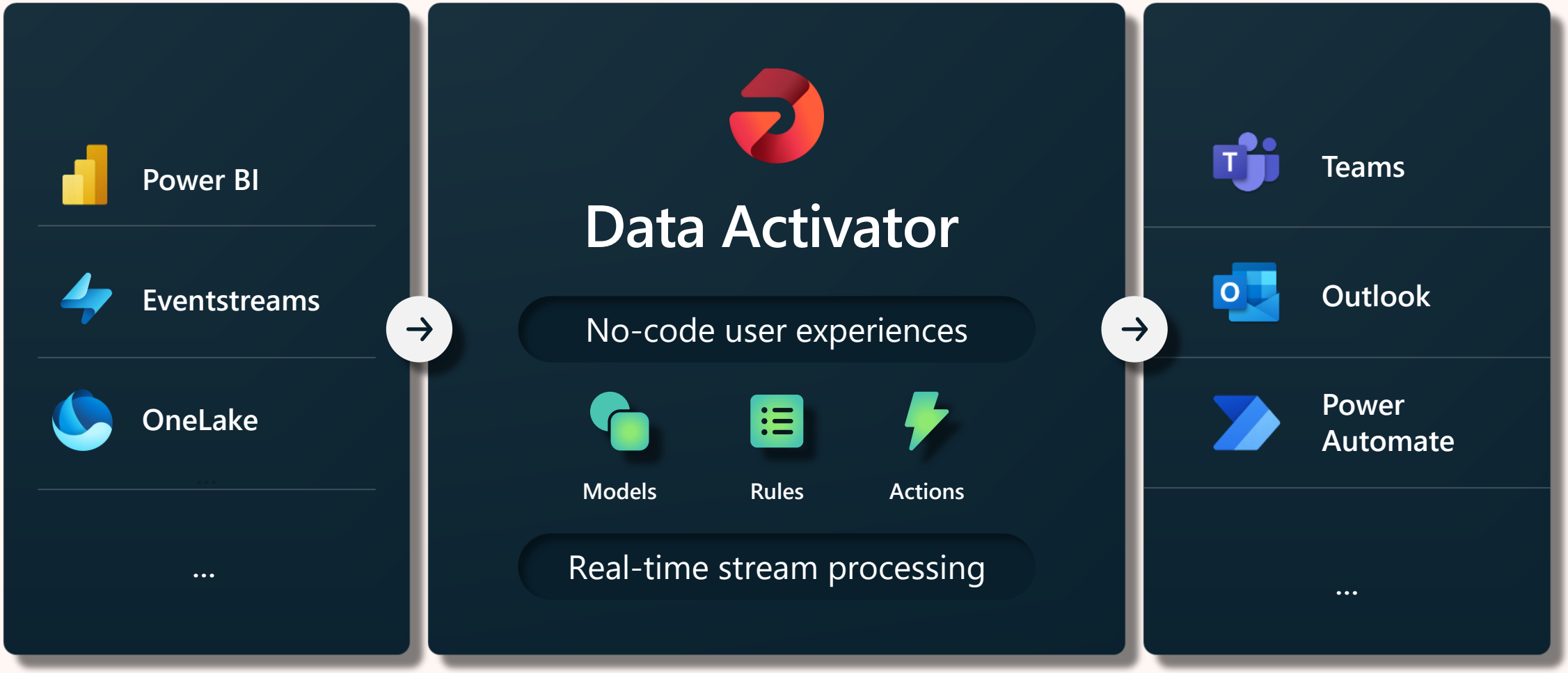
SYSTEM OF DETECTION

SYSTEMS OF ACTION



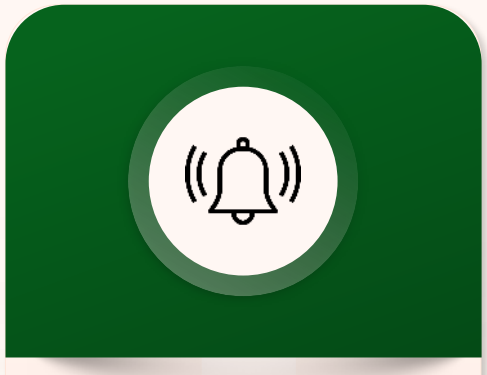
Envisaging a new Solution: Data Activator




Power BI
Eventstreams
OneLake
...
Data Activator
No-code user experiences
Models
Rules
Actions
Real-time stream processing
Teams
Outlook
Power Automate
...

Public Preview Use Cases

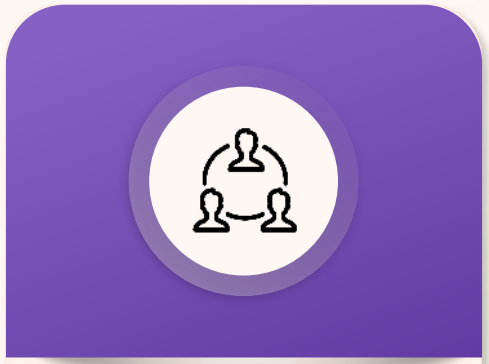
Less complex — **Range of user scenarios** — *More complex*



Personal Alerts

Personal notifications, often created via embedded pane

Very low event volume
Simple conditions



BI Insight Monitoring

Alerts and workflows driven by rules over queries

Low to medium event volume
Simple to medium conditions



Fabric automation

Processes driven by rules over system and other events

Low to medium event volume
Simple conditions



Real-Time Decisions

Rich modeling, rules, and actions over business entities

Low to very high event volume
Simple to very complex conditions

DEMO

CONCLUSIONS

- Big promise
- Product still in development
  - Old and new interface not consistently working
- Few big bugs at the moment which might convince you to wait