

inetum.
realdolmen
Positive digital flow

 Microsoft

**Hoe veilig en
waardevol is uw
M365-omgeving?**

Agenda

10:00

Intro

10:10

Beveilig uw M365-omgeving op alle niveaus: live demo

11:10

Pauze

11:30

De kracht van data: van BI tot AI

12:30

Broodjeslunch

Praktische afspraken

- **Smartphones op stil**
- **Presentaties en naslagwerkjes via het evaluatieformulier**
- **Q&A**

Microsoft 365 Security & Compliance

Why move to M365?

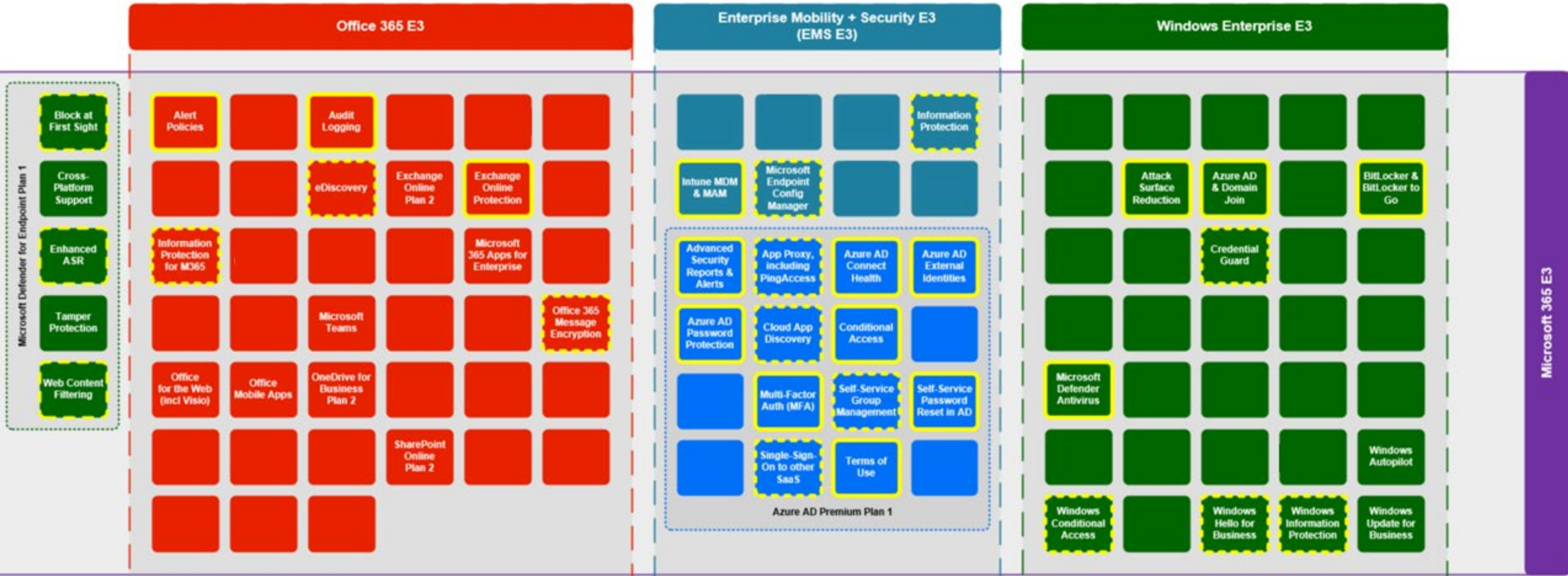
- Office Apps
- OneDrive
- SharePoint Online
- Teams
- Exchange Online Plan 2



Why move to M365?

Fundamental Must-Have Feature
Plan and Implement as Soon as Possible

Advanced Feature
Add to M365 Security Roadmap, Evaluate, Plan



Enterprise Mobility and Security

Why most customers purchase this license?

- Azure AD P1
 - MFA
- Client Management
 - SCCM
 - Intune



Don't overlook these benefits!

- Azure AD P1
 - Conditional Access
 - External Identities
 - Password Protection
 - Self Service Password Reset
- Mobile Application Management
 - Application Configuration
 - Application Protection
- Information Protection

Microsoft 365 E3

Risk-Based Controls



Microsoft Endpoint Manager helps ensure cross-platform device controls in your zero-trust strategy



Adapt in real-time to changes in device health



Leverage Microsoft 365 cloud to evaluate risks



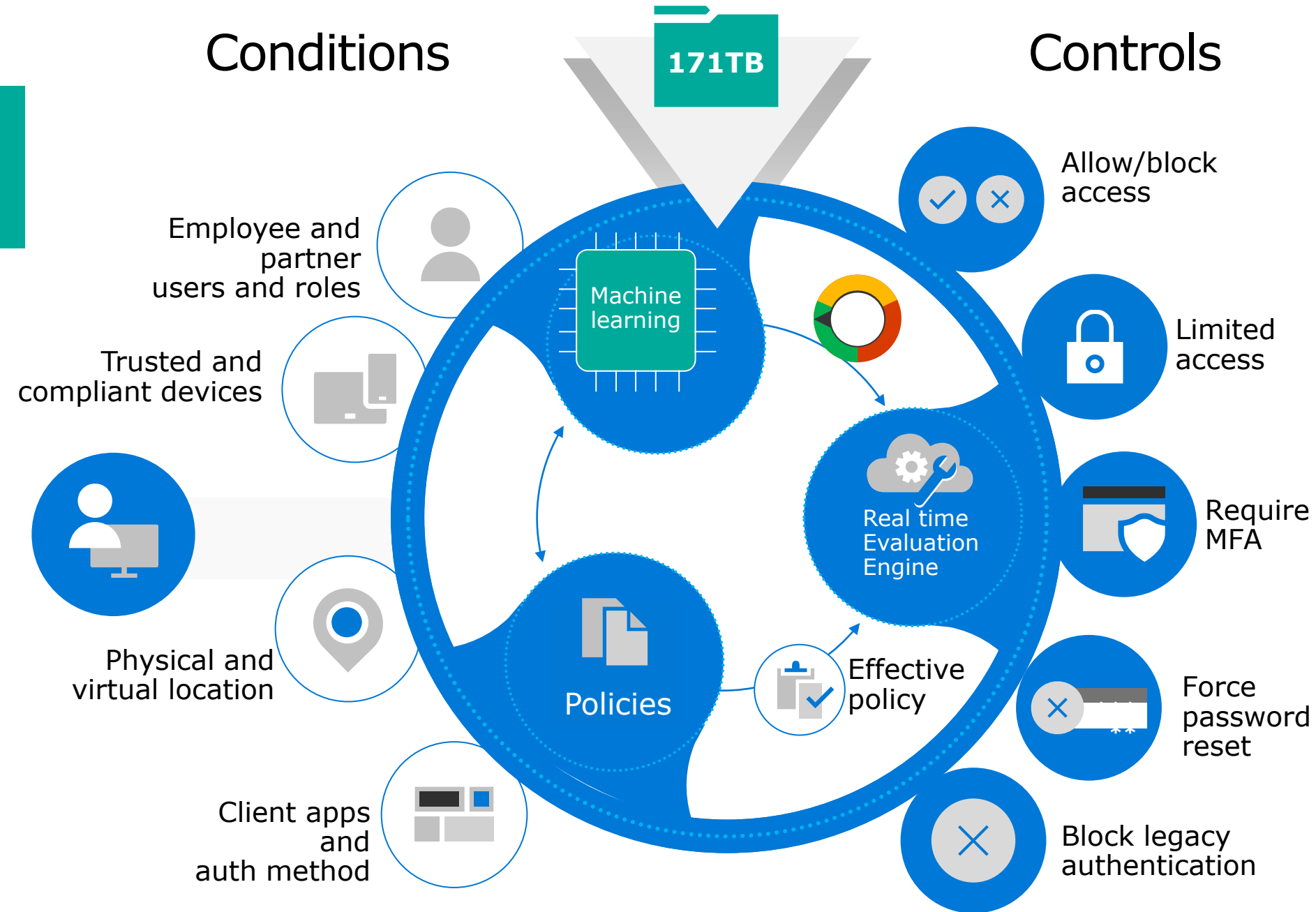
Protect Office365 data on unmanaged devices



Extend native platform security to meet all use cases

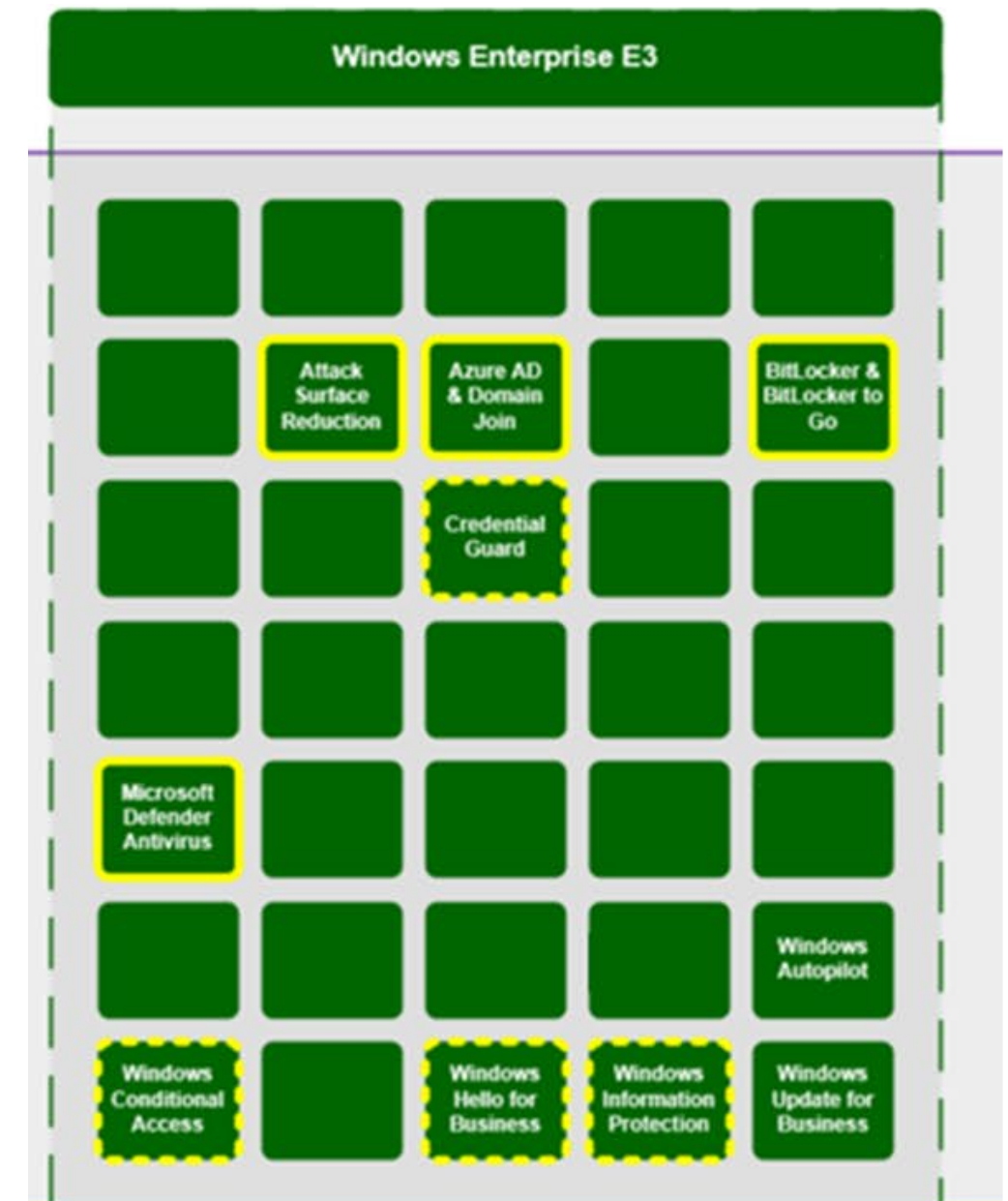


Factor in third party risk and compliance signaling

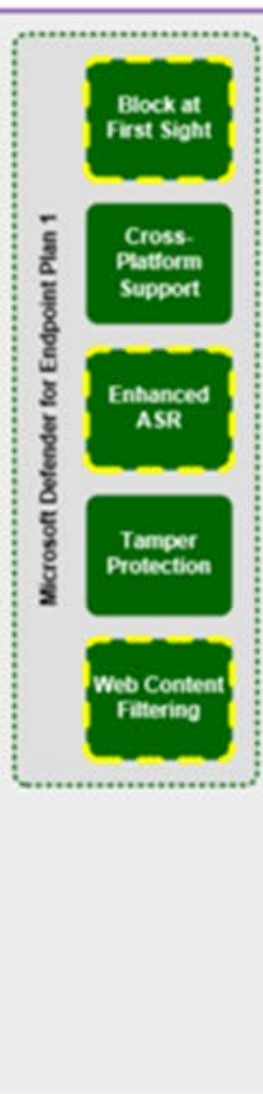


Windows Enterprise

- Enterprise Upgrade License
- Azure AD & Hybrid Domain Join
- Windows Security
 - Managed by Intune
 - Hello for Business
 - Defender Antivirus



Additional Security Benefits

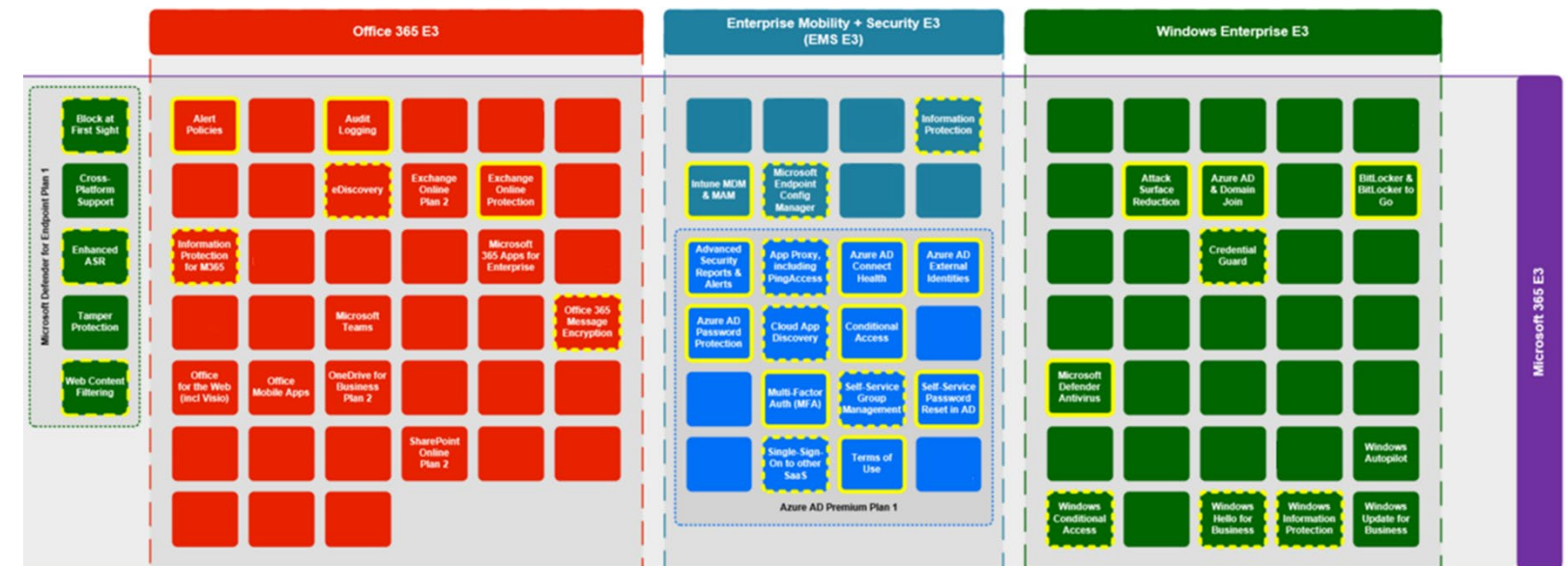


- Microsoft Defender for Endpoint Plan 1
 - Block at first sight
 - Cross Platform Support
 - Enhanced Attack Surface Reduction
 - Tamper Protection
 - Web Content filtering

Microsoft 365

Prioritize and Plan Features

- All possible security features should be evaluated and/or enabled, but...
 - Resources are limited
 - Activities, sequence, dependencies, and end-user impact must be considered
- In general: 80/20 principle
 - 80% or more OOTB or minor fine-tuning: Audit Logging, MFA, Conditional Access Policies, ...
 - 20% or less customized: Data Classification and DLP scenarios, business application-specific, ...



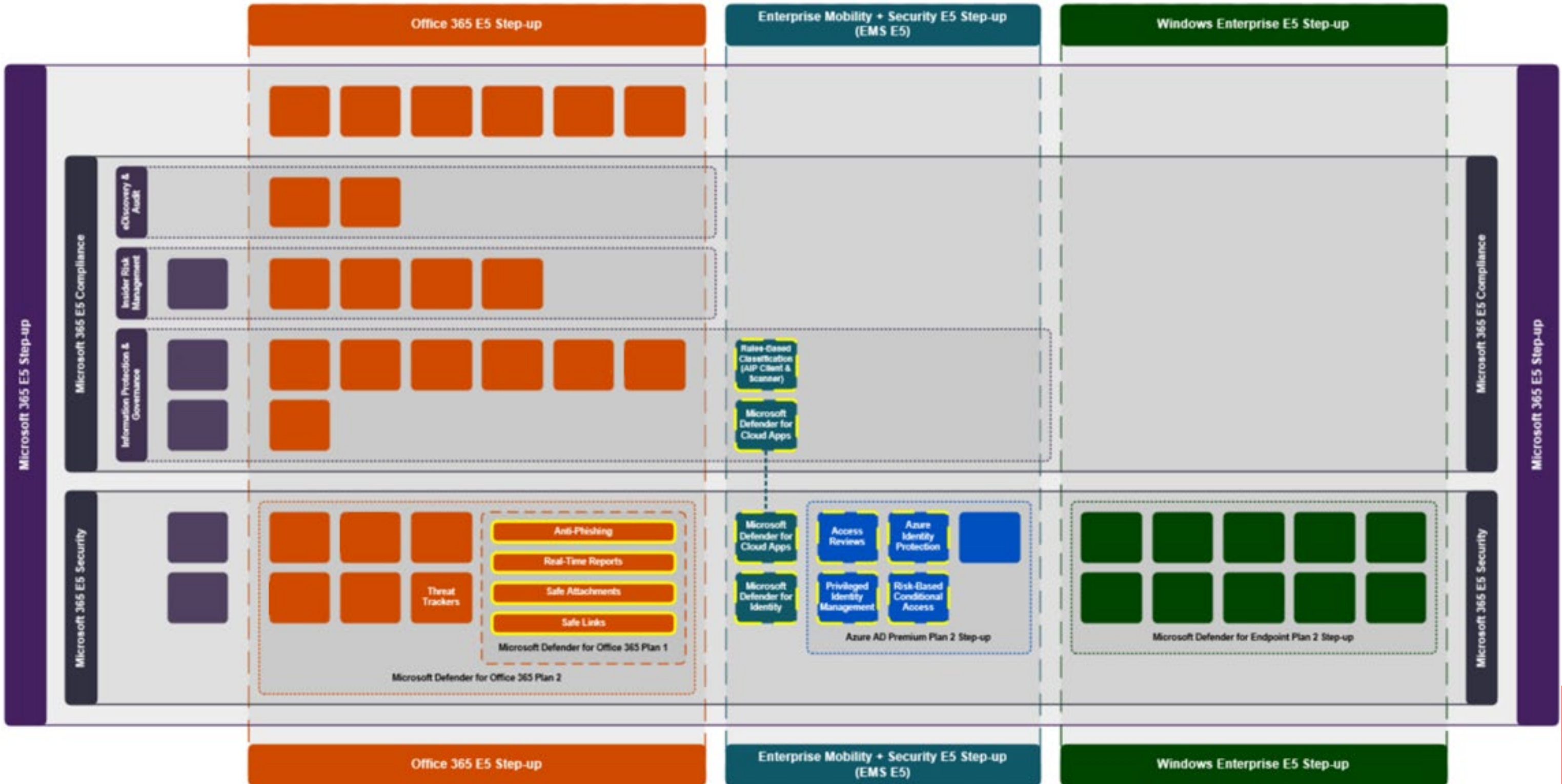
Fundamental Must-Have Feature
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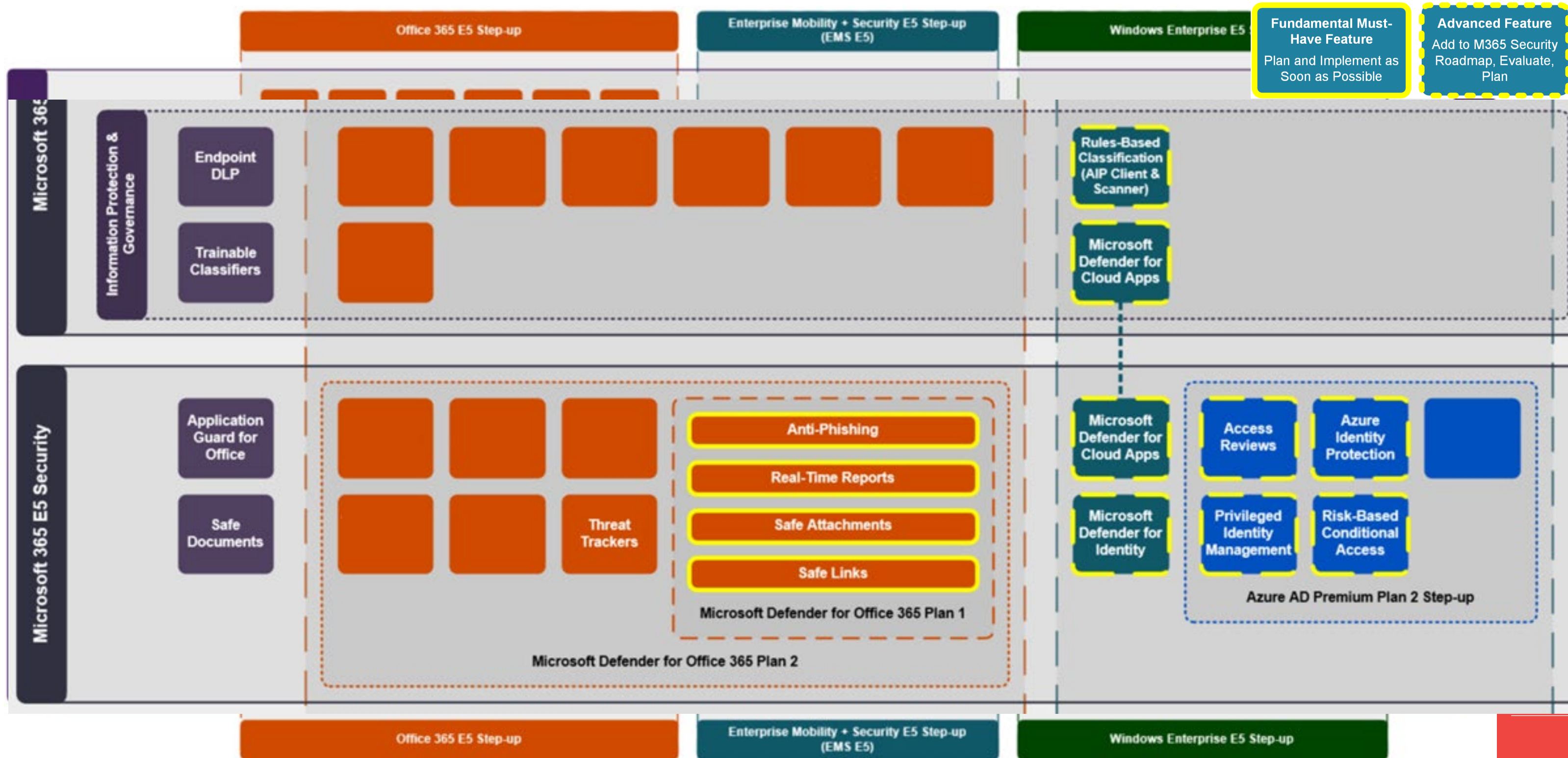
80%

20%

Overview



Overview



Defender Antivirus =/=

- MEM managed
- Protects your device from known vulnerabilities
- Built-in to windows 10/11

Security at a glance

See what's happening with the security and health of your device and take any actions needed.



Virus & threat protection
No action needed.



Account protection
No action needed.



Firewall & network protection
No action needed.



App & browser control
No action needed.



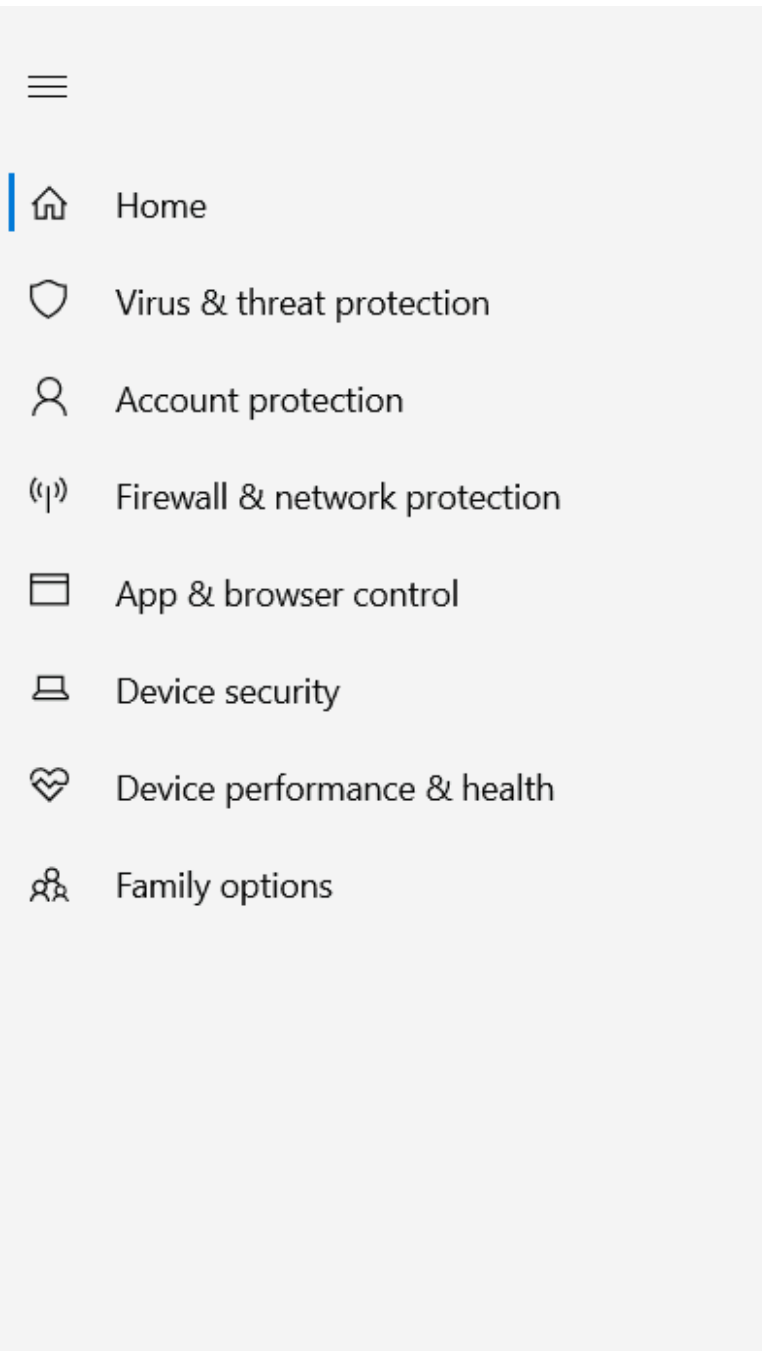
Device security
View status and manage hardware security features



Device performance & health
No action needed.



Family options
Manage how your family uses their devices.



Defender for...

Microsoft 365

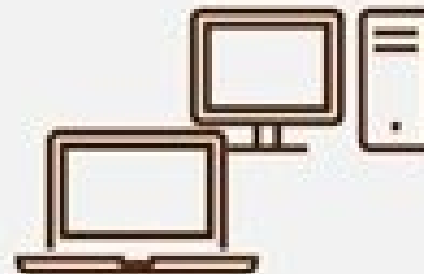


Identities

Microsoft Defender
For Identity



Formerly Azure Advanced
Threat Protection

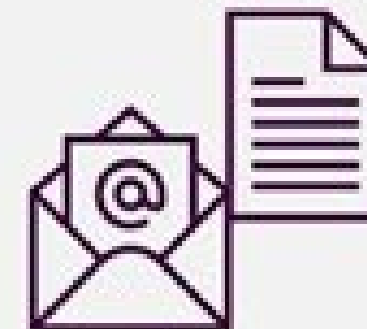


Endpoints

Microsoft Defender
For Endpoint



Formerly Microsoft Defender
Advanced Threat Protection



User Data

Microsoft Defender
For Office 365



Formerly Office 365
Advanced Threat Protection

Defender for...



DEMO





Pauze

SmartCity becoming data driven



Lothar Verledens



**AI & Innovation Lead
Architect**

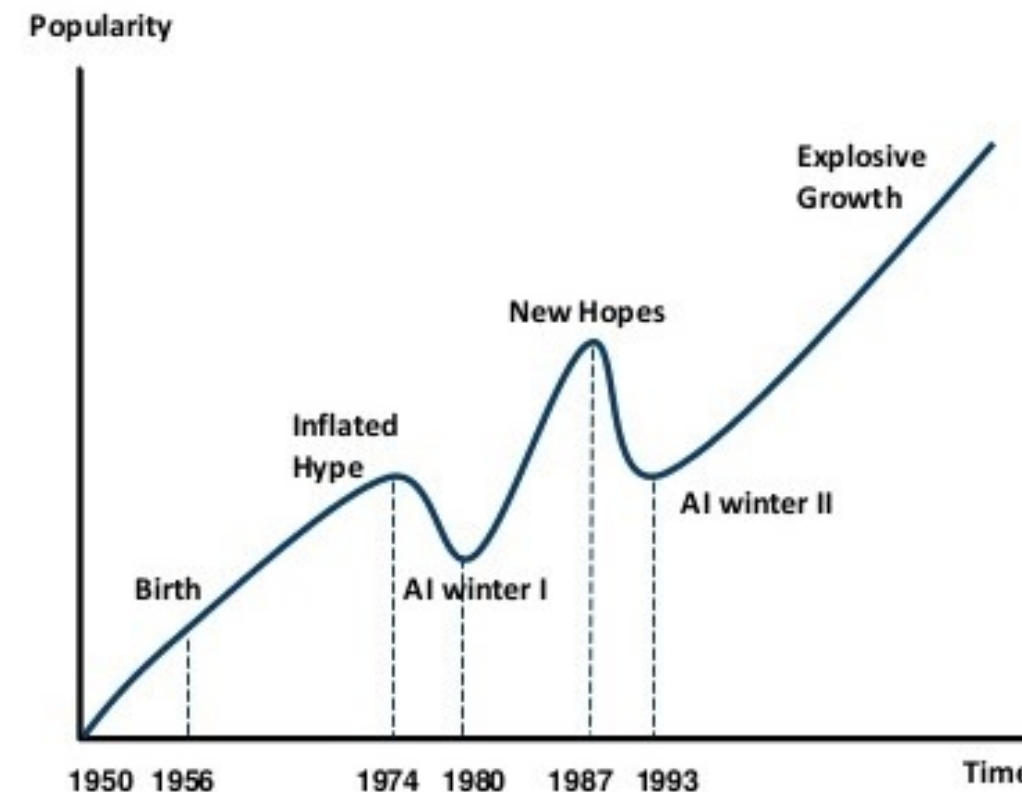


Bram Wauters



Senior Manager Data & AI

BI, AI, Data Science why now?



- Cloud adoption - Serverless scale (Technology evolution)
- We no longer think in terms of servers and capacity
- Technology is one aspect, we need data



Our world changes

And not only because of COVID

Gebruik data als waardecreëerder

Verbetering van het imago van de stad en duurzaamheid van het milieu

Rust en stilte voor de buurt + positieve invloed op de gezondheid

Proactief optreden en bewustmaking van vervuilers -
"zelfregulerende" stad

Minder tussenkomst en administratief papierwerk vereist

Hogere mate van transparantie naar burgers

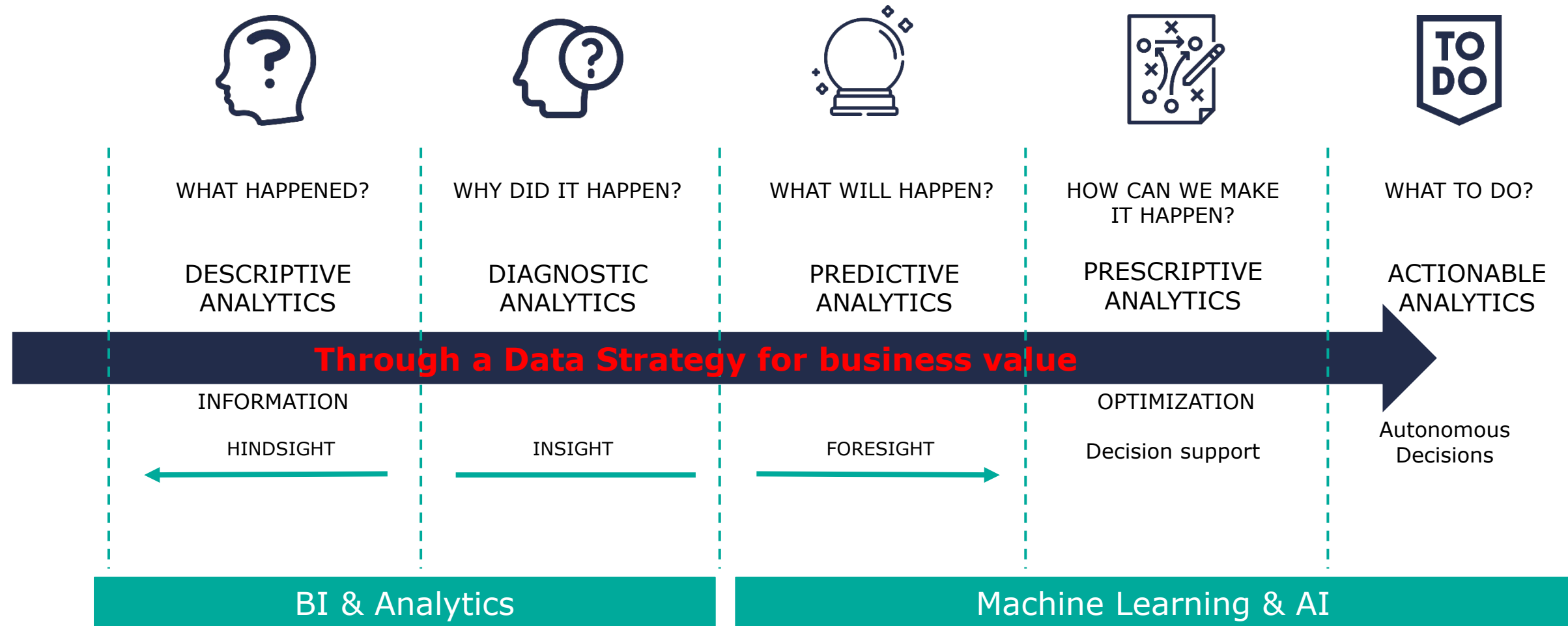
Wat is het effect van de acties die onze stad onderneemt, maak beleid
actiever en directer door met een hogere snelheid te meten

Master data als standaard

Optimaal gebruik van authentieke bronnen – betere data kwaliteit

Beleid gebaseerd op reële data

Hoe zorgen we voor meerwaarde?



Wat is er gebeurd

- Te veel lawaai gedetecteerd, Een klacht ontvangen

Waarom is het gebeurd?

- De bron van de overlast detecteren
- Bewustwording creëren

Wat zal gebeuren?

- Proactief stilte promoten
- Effect van acties meten

Hoe kunnen we zorgen dat het gebeurd?

- Bepaald gedrag gaan uitlokken via verlichting, geluid...

Evolutie van data platforms

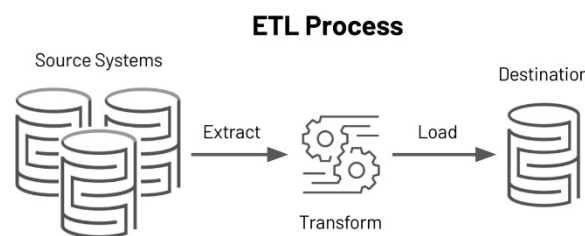


Enterprise Data Warehouse

1990's



Datamarts/ cubes

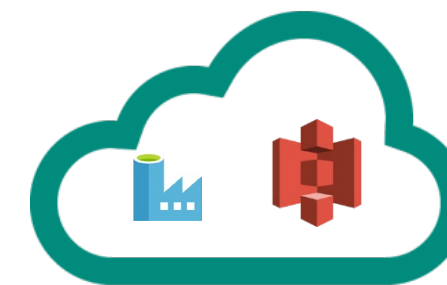


2000's



Hadoop based data lake

2008



Cloud Data warehouse

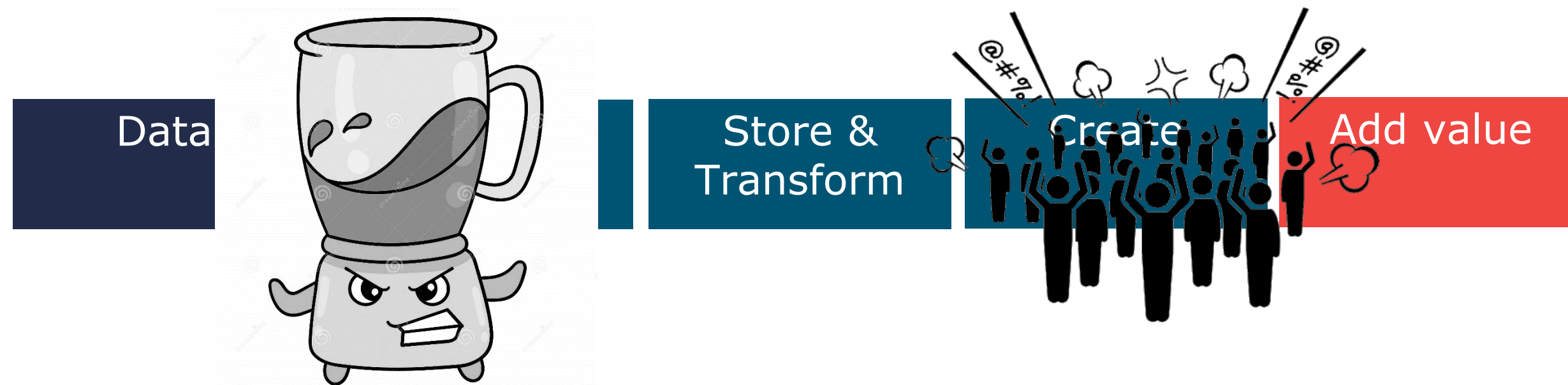
2016



Data Mesh based Cloud platform

2022

Een dataplatform



Burgers willen geen 'big brother' stad

GDPR

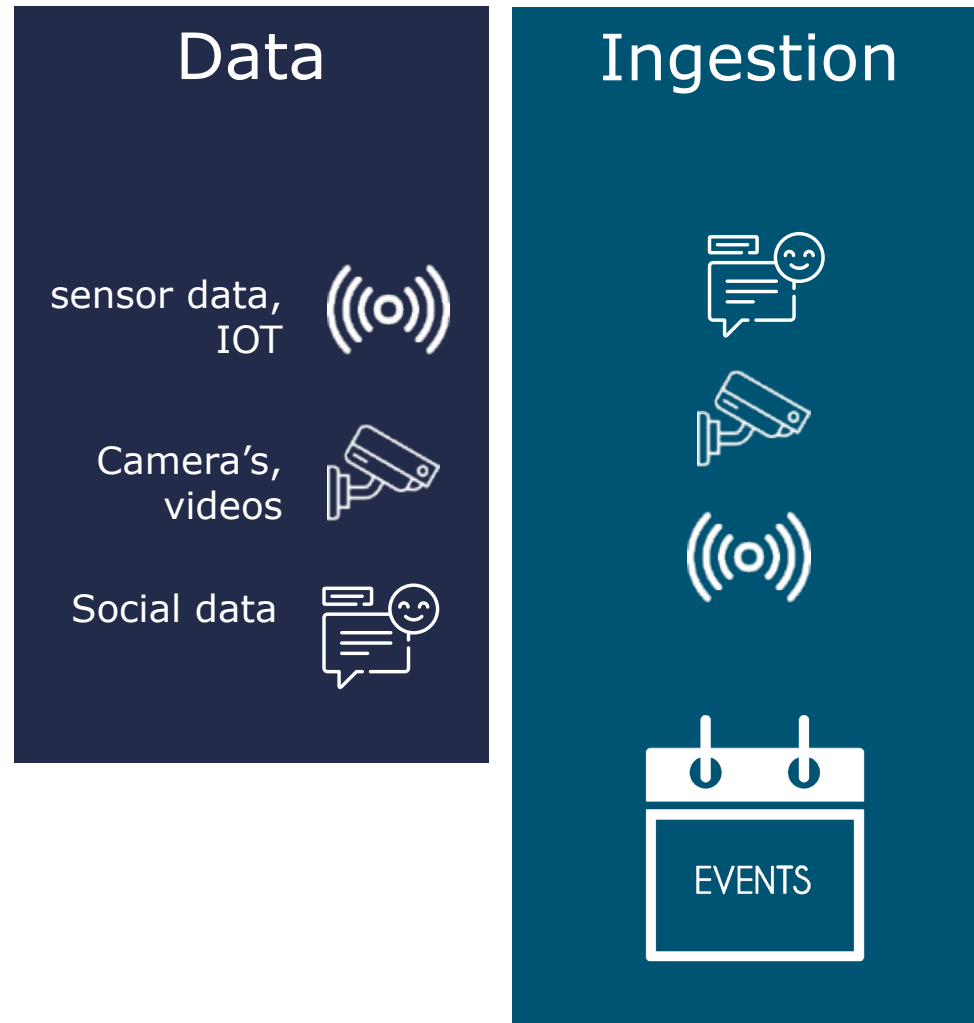
Te veel monitoring?

Te veel gegevens bijhouden?

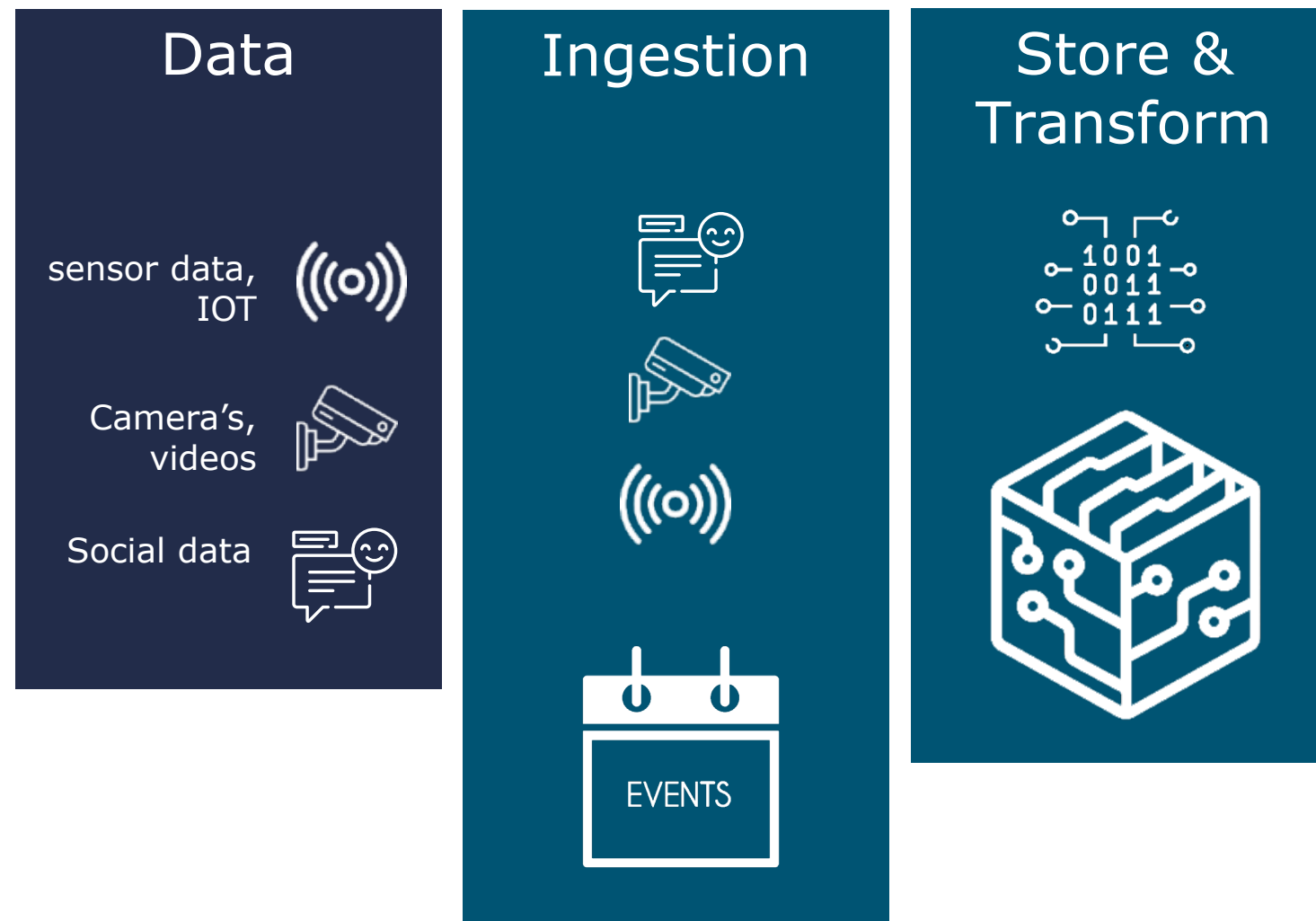
Een dataplatform voor smart city



Data ingestion



Storing & transforming



<https://github.com/smart-data-models/>

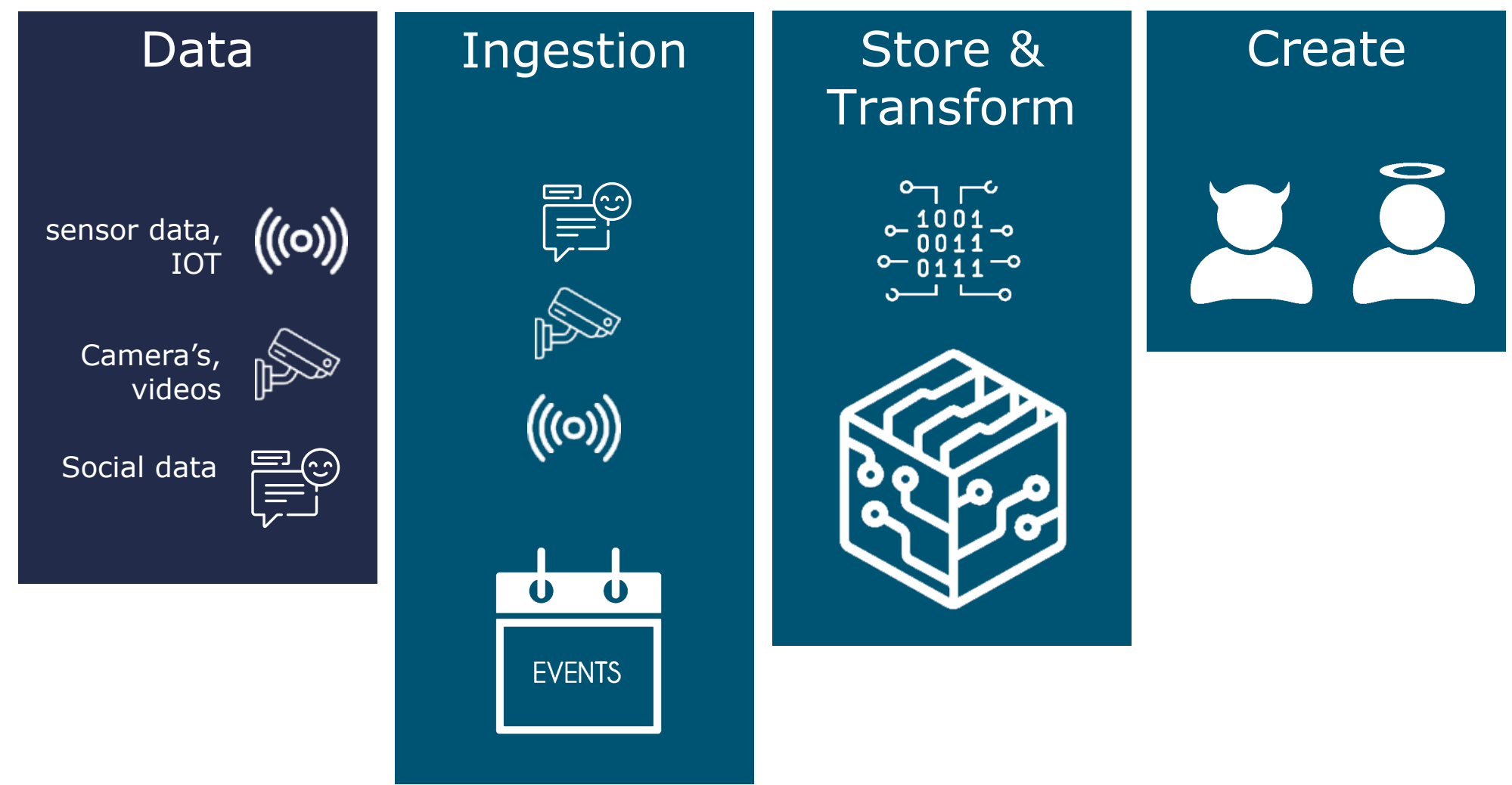
Smart Data Models
A program led by FIWARE, IUDX, TM Forum, OASC and others to support compatible data models in smart solutions
<https://smartdatamodels.org> @smartdatamodels

Overview Repositories 66 Packages People 1 Projects

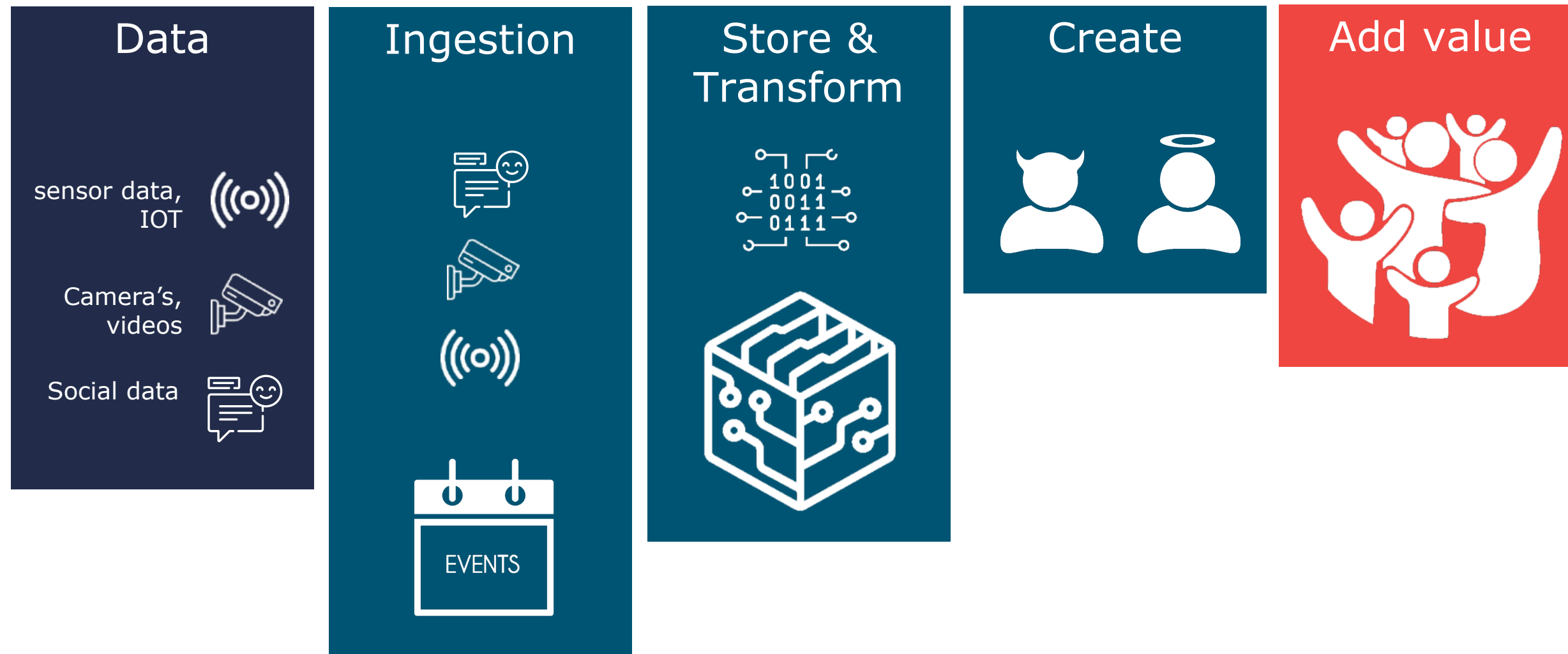
Pinned

<p>SmartAgrifood Public</p> <p>A repository for data models related to the Smart Agrifood Domain. Includes data models for Crops, Farms, Animals, Land Use & etc.</p> <p>☆ 5 🍴 2</p>	<p>SmartCities Public</p> <p>A repository for data models related to the Smart Cities Domain. Includes data models for Buildings, Parking, Urban Mobility & etc.</p> <p>☆ 26 🍴 14</p>
<p>SmartEnergy Public</p> <p>A repository for data models related to the Energy Domain. Includes data models for Batteries, Energy Metering, Green Energy & etc.</p> <p>☆ 9 🍴 4</p>	<p>SmartWater Public</p> <p>A repository for data models related to the Water Management Domain. Includes data models for Waste Water, Water Quality, Water Distribution & etc.</p> <p>☆ 9 🍴 3</p>

Een dataplatform voor smart city



Een dataplatform voor smart city





Leuven zet slimme technologie in om nachtlawaai aan te pakken

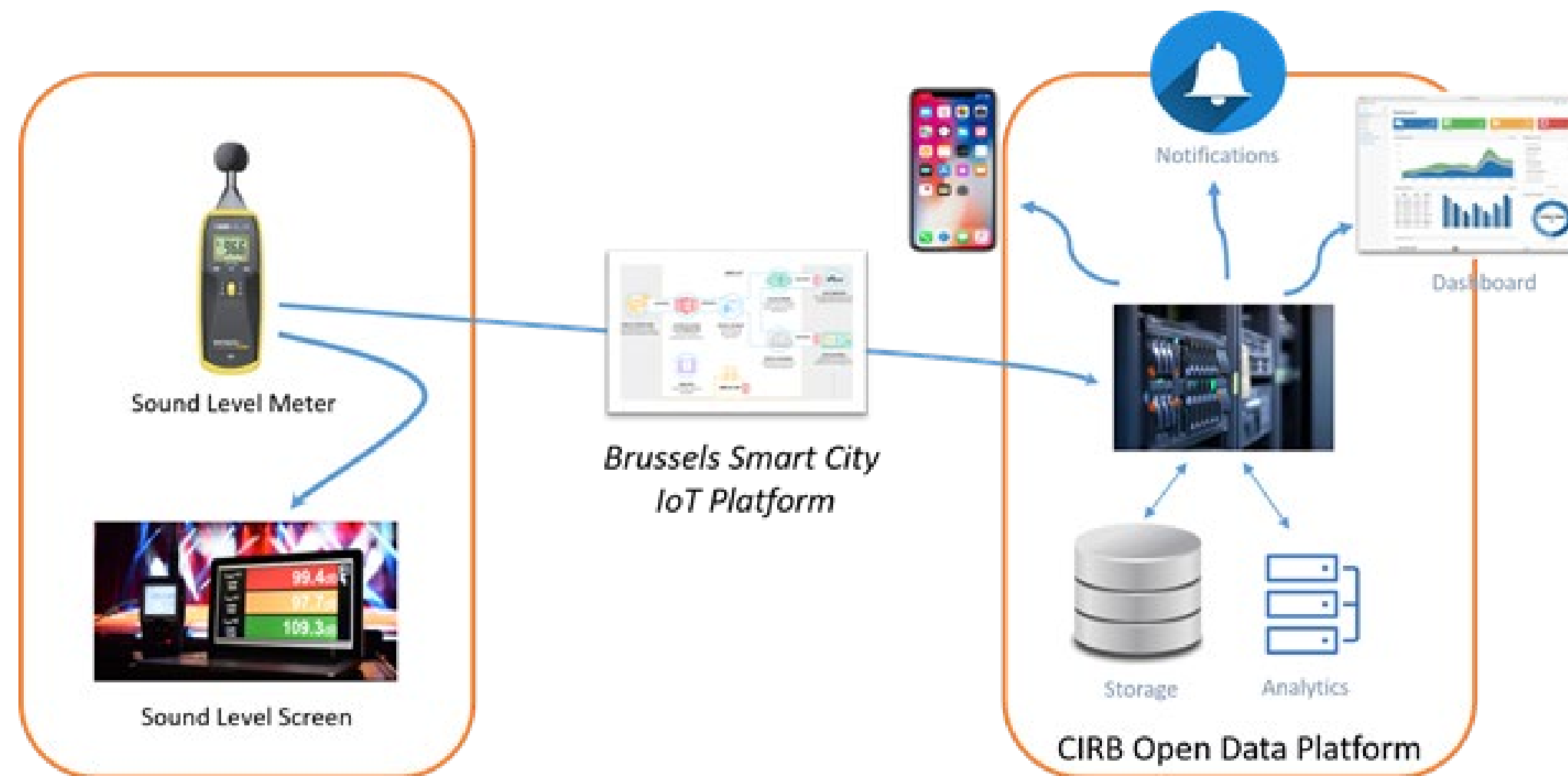
Harelbeke



Harelbeke toont aan dat smart city-projecten haalbaar zijn voor alle steden

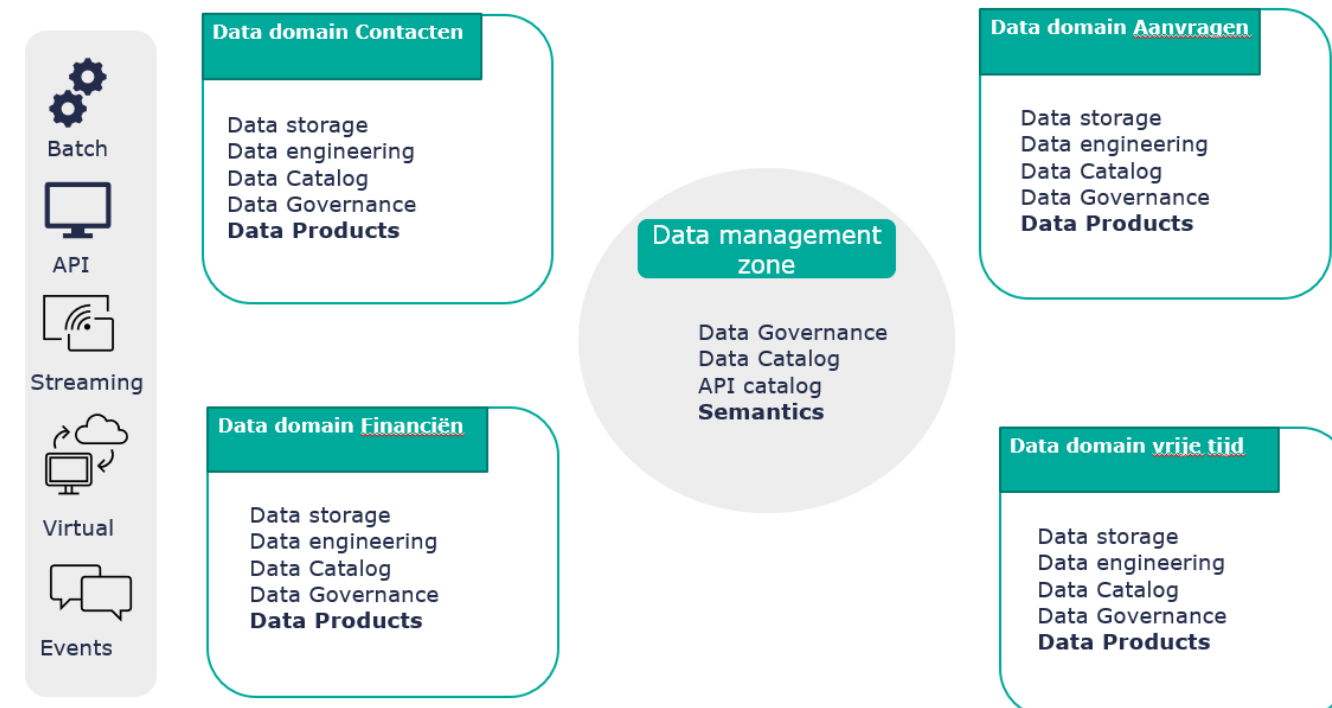
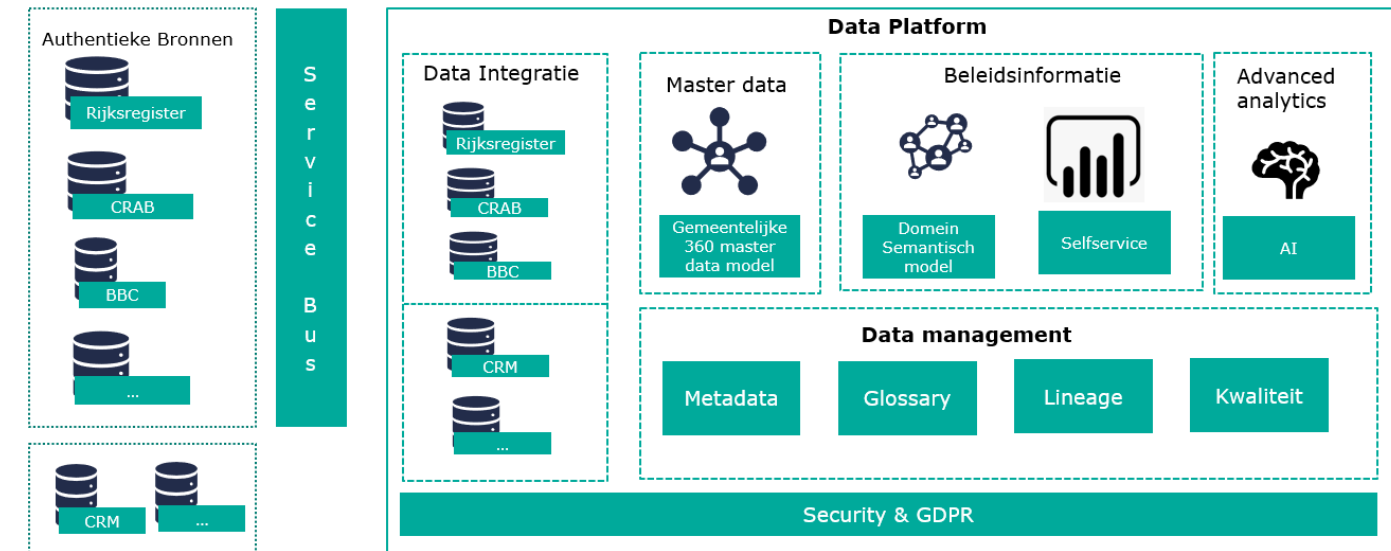


Brussel – Happy Ears



LB365 / Victor: Data mesh / domain driven design

- Data sharing
- OSLO
- Data mesh
- Data as a product
- Business domain-driven data ownership
- Instant access
- Distributed governance
- Subsidiemanager Vanden Broele
- Data rond verenigingen
- Data nodig voor subsidieaanvragen delen



Wat zijn de fundamenten om een Data Driven organisatie op te bouwen

1. Start small, scale fast

- BI & AI is niet het objectief, waarde is
- Start klein, met eerst use-case dat waarde bijdraagt aan uw beleidsobjectieven
- Maar THINK BIG en gebruik plug en play en schaalbare oplossingen

2. Data is meer dan bits and bytes

Three key drivers

Ask yourself:

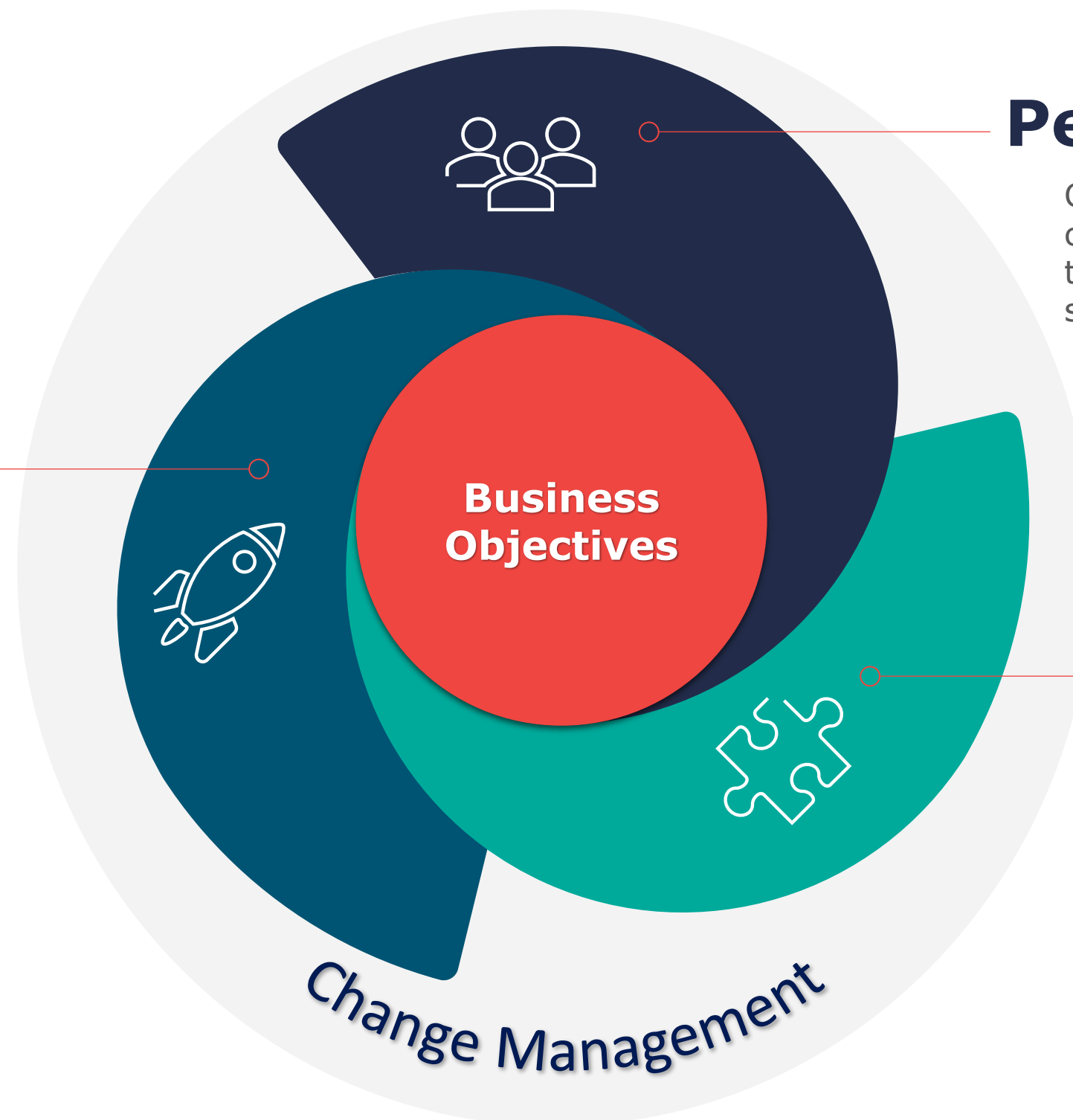
Should you do BI or data science to surf on the trend around AI?

Or should you invest in a data strategy to bring value or do more with your data?

Data Platform

Modern data architecture from raw data ingestion to analytics & AI.

Being able to bring data together (structured and unstructured) from different systems to get a single point of truth and use it as a revenue enabler



People

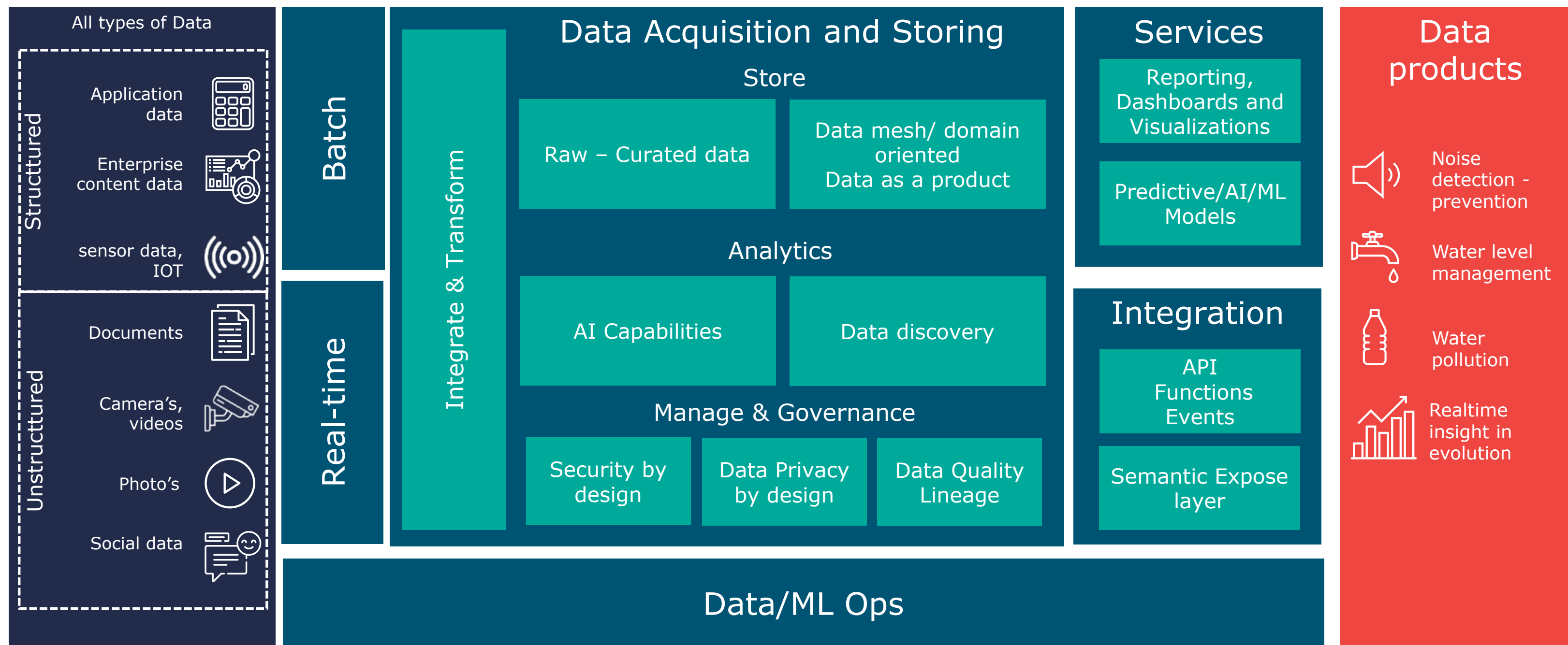
Creating & fostering data culture, closing the skills gap, standardize techniques, data governance and stewardship

Processes

Make data part of the organization, Include the business in planning the direction to govern change as a process

Change Management

3. Kickstart - Reference data architecture



Data & AI Discovery Assessment

Deliverable

Inspire

Advice on 3P's

Understand



(Platform, People, Process)

Assess

Roadmap



GOAL: do more with your data tomorrow to become more data driven



DURATION: 10 days (by Data Architect, Data & Analytics Consultant)

FINANCIAL: € 15.000 (*can be funded by Microsoft upon approval*)

Next steps

- **Security Priority assessment**
- **Data & AI assessment**
- **Licensing**

Contacteer ons via:

- **info@inetum-Realdolmen.world**
- **Uw vertrouwde contactpersoon bij Inetum-Realdolmen**
- **Evaluatieformulier**

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Bedankt!