

10-minutes talk

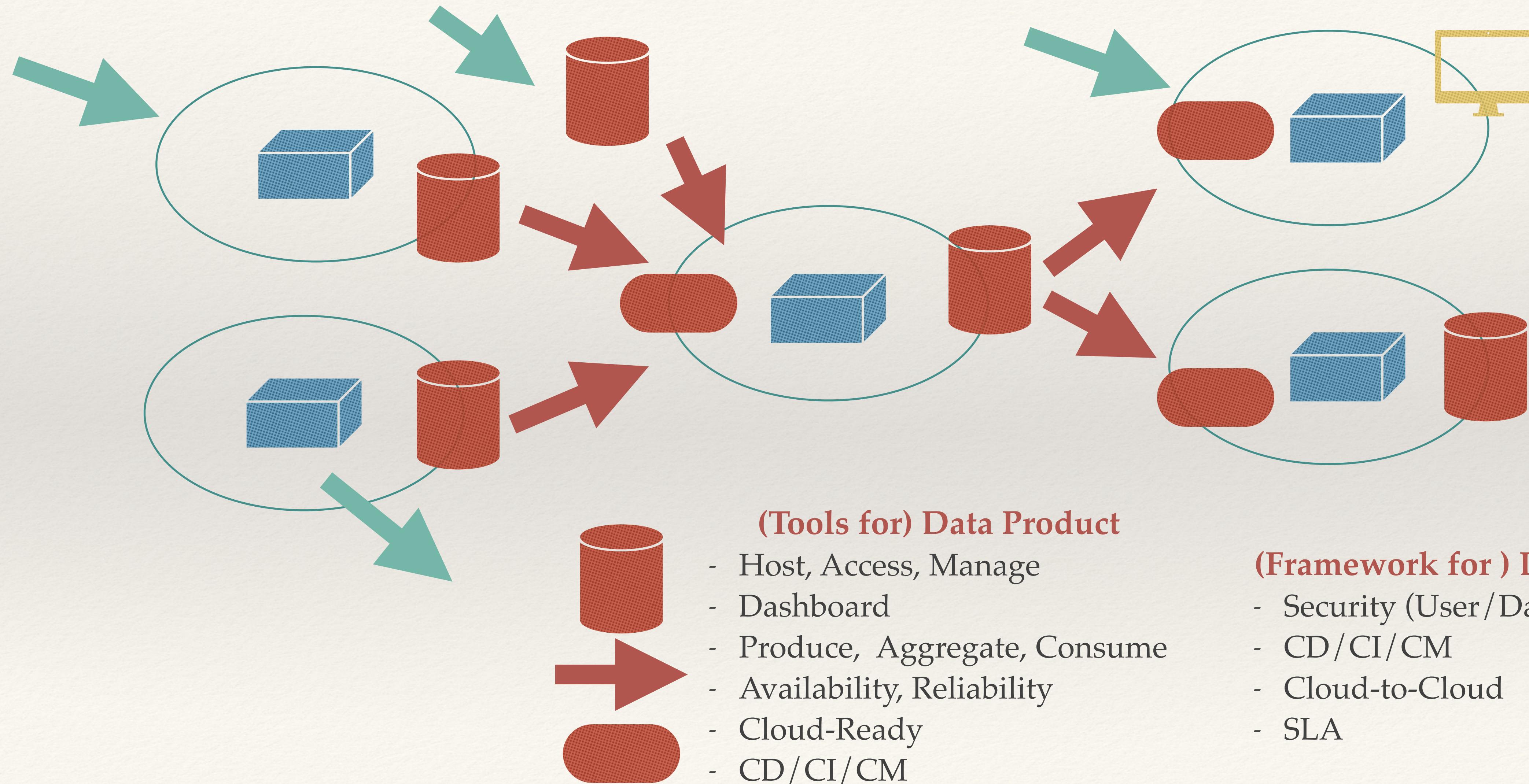
Towards to Data Mesh

Opportunity



**Agiga
Quanta[©]**

50000-ft view



To be considered: low-code platform Appian



Food and Drug Administration

The Food and Drug Administration's Center for Drug Evaluation and Research relies on Appian for the CDER Nexus platform, an innovative working environment supporting the drug approval and safety monitoring mission.



Medicines and Healthcare products Regulatory Agency (MHRA)

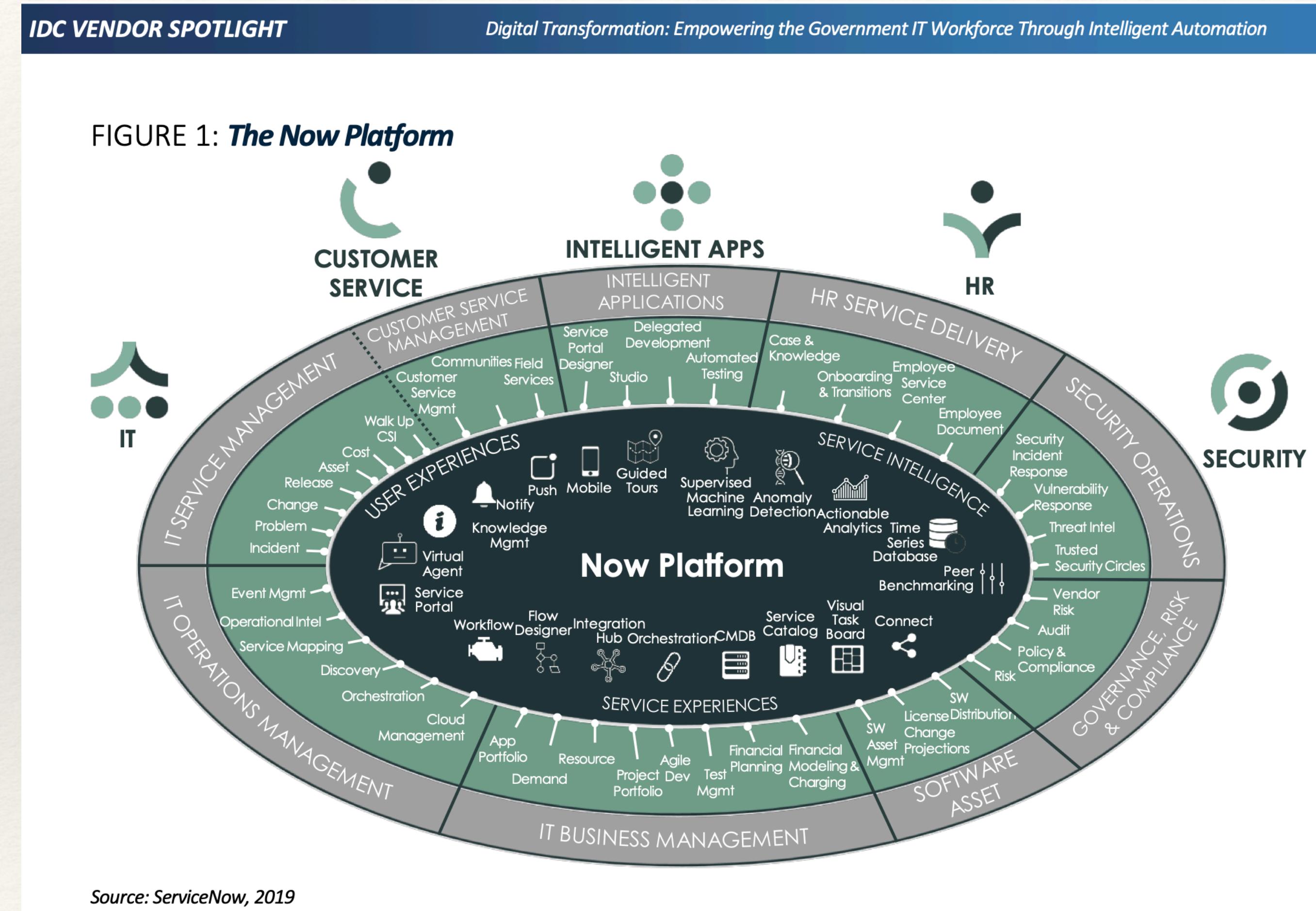
MHRA, one of the largest regulators of medical devices and medicines in the UK, is transforming its business by converging 64 systems into a single, unified view of the customer and the work.

[Learn more](#)

<https://appian.com/solutions/industry/government/public-health.html>

To be considered: ServiceNow

servicenow®



<https://www.servicenow.com/customers/wa-doh.html>

Tool & Framework Incubator (ToFrI)

Data Mesh Approach

- ❖ Input: Existing / future case descriptions (directly / indirectly)
- ❖ Evaluation: Identify problem in context
- ❖ Research: Modern architectural patterns and Best practice blue prints
- ❖ Develop: Tools and Frameworks (ready-to-use / components)
- ❖ Deliverables: Github (source & cloud deployment), Showcase, Hands-on

Proven Methodologies

- ❖ Method: Agile (focus on collaboration with stakeholders)
- ❖ Platforms: AWS / Azure / Google Cloud
- ❖ Toolchain: Docker / Kubernetes, Confluent, Datadog

Sophisticated platforms

Newly adapted practices

- ❖ ArchOps: architectural models are first-class entities
- ❖ (Dev)SecOps: Security practices and testing are performed earlier in the development lifecycle
- ❖ DataOps: integrate data engineering, data integration, data quality, data security, and data privacy with operations

Thank you!