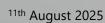


The Resurgence of the Operational Data Store





About Me

Microsoft - Data and Analytics Global Black Belt (EMEA) A lifetime in the IT Sector – 25 Years in Data

Industry solution experience: FSI, FMCG, Healthcare, Pharma, Mining, Manufacturing, Transport and Logistics, Energy, Public Sector + NGO, Non-profit, Professional Services, Local and National Government, Defense, Aviation, Education and Retail.



Agenda

- 1. Microsoft Fabric Overview
- 2. ODS and Application Architecture
- 3. Cloud ODS
- 4. QnA



Microsoft Fabric





Microsoft Fabric

The unified data platform for AI transformation

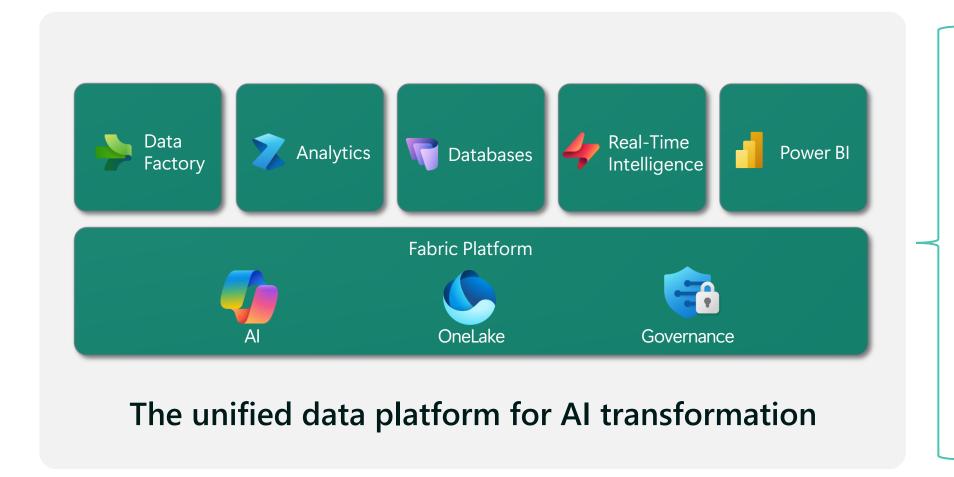
Al-powered data platform

Open and AI-ready data lake

Al-enabled business users



Microsoft Fabric



Single...

Onboarding and trials
Sign-on
Navigation model
UX model
Workspace organization
Collaboration experience
Data Lake
Storage format
Data copy for all engines
Security model
CI/CD
Monitoring hub
Data hub

Governance &

compliance



ODS and Application Architecture





Operational Data Stores

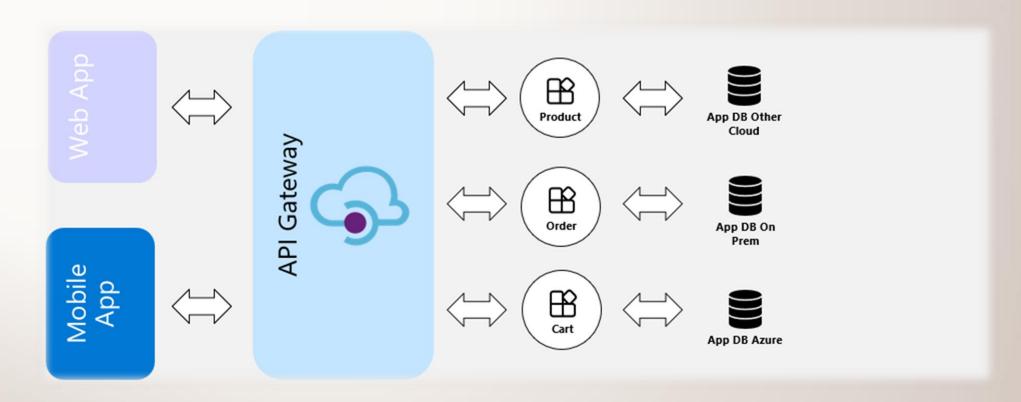
Operational Reporting

Data Integration Layer

App Database Consolidation

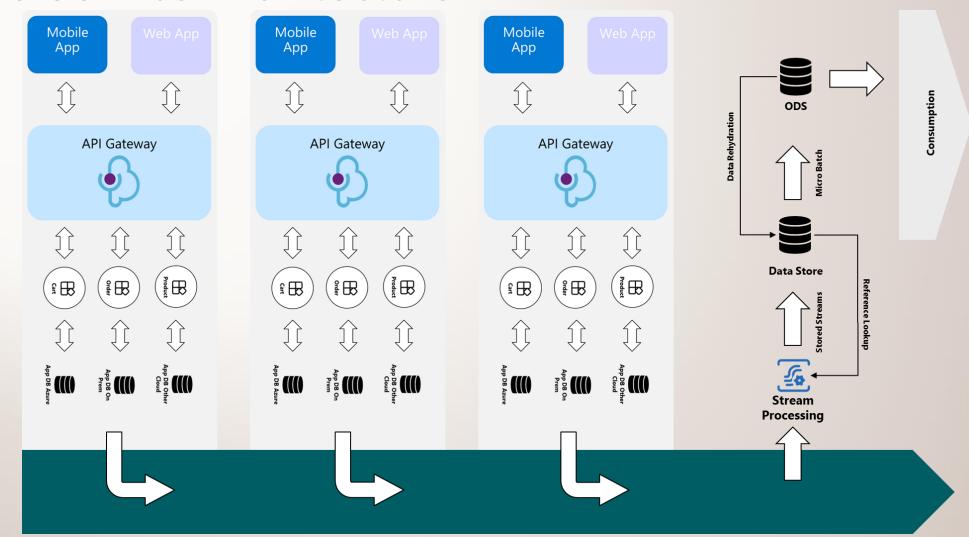


Micro Service Architecture





Micro Service Architecture





Operational Data Stores SYSTEMS OF RECORD **DATA INTEGRATION** ENTERPRISE BUSINESS (SOR) & ODS **DATA WAREHOUSE** INTELLIGENCE Copyright © 2014 Athena IT Solutions ENTERPRISE APPLICATIONS production databases System & DATABASES BUSINESS PROCESSES DATA SERVICES data operational data warehousunstructured Occuments data store staging area ENTERPRISE external website APPLICATIONS sources Source Extract (OLTP) Transform Load Data Warehouse Staging Source y (OLTP) Excel files



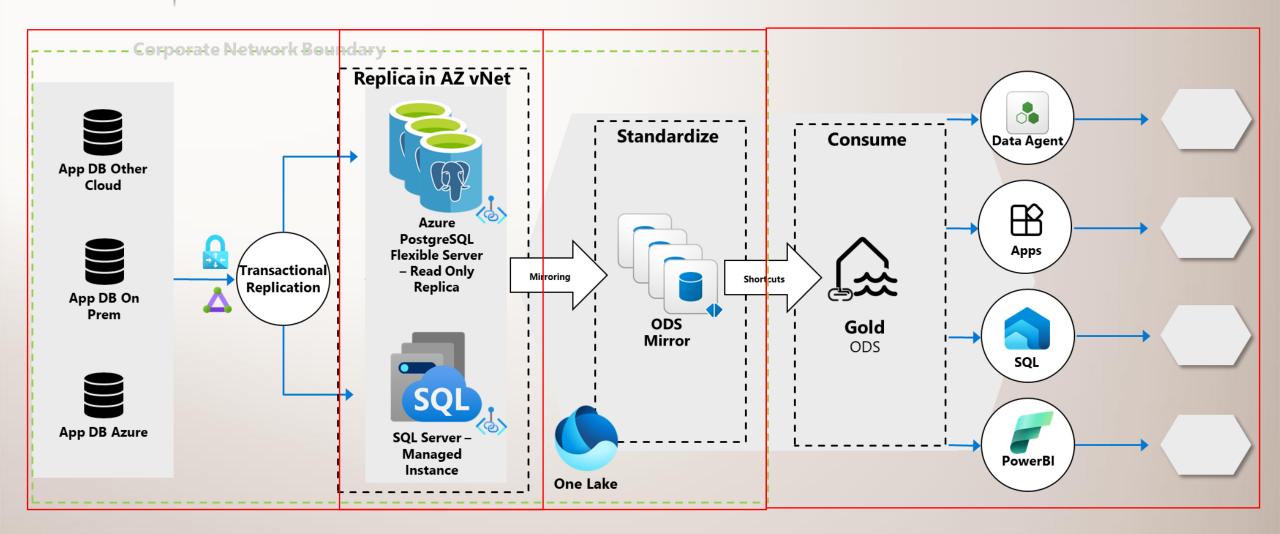
Cloud ODS







Cloud ODS

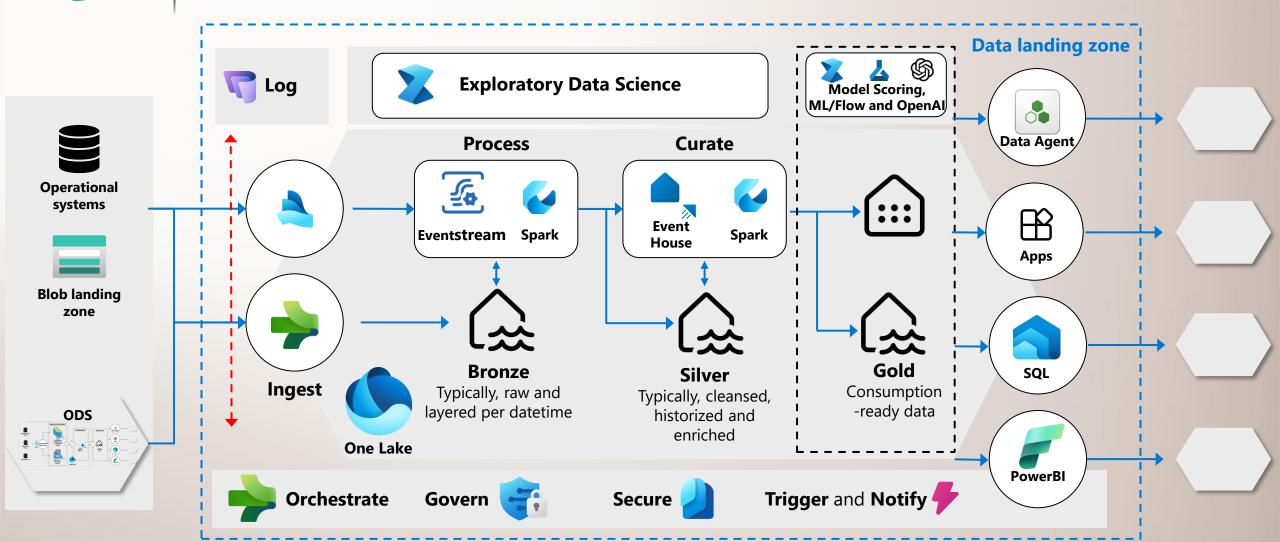








End to End Analytics with Microsoft Fabric





Key Take Aways

- Microsoft Fabric and the Azure echo system enables cost effective and scalable data solutions that breaths life into legacy concepts.
- Fabric as a low latency ODS enables in app Agentic experiences
- The implementation is low cost and low overhead with no change required for the source application or its hosting.



Thank You



https://github.com/Andreas-bersgtedt/FabricCloudODS_Demo