Microsoft Fabric POV Overview

$ 30k USD   **⏱ 2 Weeks**

Synapse Data Warehousing	Synapse Data Engineering	Data Factory	Synapse Data Science	Synapse Real Time Analytics	Power BI

Serverless compute

T-SQL · Spark · KQL · Analysis Services

OneSecurity

Warehouse | Lakehouse | **OneLake** | Kusto DB | Dataset

Delta – Parquet Format | Delta – Parquet Format | | Delta – Parquet Format | Delta – Parquet Format

Image Source: Microsoft

OUTCOMES

Enhanced Operational Efficiency
Streamlined workflows and automated processes result in significant time savings.

Improved Collaboration and Communication
Seamless integration with Microsoft tools fostering enhanced team collaboration and communication.

Cost Optimization
Reduction in operational costs through efficient resource utilization and workflow automation.

Scalability and Future-Readiness
Fabric's robust architecture ensures scalability to meet evolving business demands.

Competitive Advantage
Stay ahead of the curve with cutting-edge technology, positioning your business for future success.

STRATEGY

Current State Assessment:
✓ Analysis of your current IT infrastructure and business processes.
✓ Identify pain points, inefficiencies, and opportunities for improvement.

Customized Solution Design:
✓ Craft a tailored Microsoft Fabric solution aligned with your specific needs and objectives.
✓ Leverage Microsoft's latest technologies to maximize efficiency and productivity.

Integration Blueprint:
✓ Develop a seamless integration plan to ensure Microsoft Fabric harmoniously aligns with your existing ecosystem.
✓ Minimize disruption while enhancing operational capabilities.

DELIVERABLE

✓ Current state IT Landscape Assessment
✓ Customized Microsoft Fabric Solution Design
✓ Proof of Value Implementation
✓ Performance Metrics and Benchmarking
✓ User Training and Enablement

Reference Architecture (Data Value Chain)

Streaming
Iot devices, big data stream

Relational
databases

Semi-structured
csv, json, xml, logs

Unstructured
Images, videos, audio, free text

Data Sources

Event Hub   IoT Hub

Azure Stream Analytics

Data stream & real time dashboards

① Ingest

Near Real Time

Batch

④ ML Ops

Cognitive service   Machine Learning

② Store
ADLS Medallion

Bronze Silver Gold

③ Process

Azure Data Factory

Microsoft Fabric

Synapse data explorer pool

Synapse spark pool

Synapse SQL pool

⑤ Serve

Self-service analytics, business intelligence, data sharing etc.

Business Users

Enterprise Analytics

Business Intelligence

Applications

Data Sharing

Data Governance (Azure Purview)