Realtime Solutions for MS Fabric

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Service Overview:

Accelerate your journey into IoT-driven real-time intelligence with our tailored MVP offering. Seamlessly integrate your IoT data with MS Fabric RTI to drive smarter decisions and operational agility.

Key Components:

Our Realtime Solutions for MS Fabric MVP is designed to help organizations quickly operationalize IoT-driven real-time intelligence using Microsoft Fabric as the foundation. The MVP includes:

Item	Costs
Once off software (subscription, etc.)	Customer dependent
Once off project cost	**£35K / $47K / €41K**

Duration:

4-6 weeks

- **MS Fabric Readiness**: We assume MS Fabric is already installed. If not, we can assist in setting up and configuring the platform as part of this engagement.
- **Business Problem & Data Source Identification:** Identify the specific business challenge you wish to address. We will collaboratively determine the most relevant data sources— such as temperature, pressure, rotation metrics, stock levels, and other event-based values—that will feed MS Fabric RTI for real-time processing.
- **Data Source Connectivity & Architecture:** We will define the optimal approach to connect data sources to MS Fabric RTI, considering the following:

  - **Sensors:** Selection and configuration of required IoT sensors.
  - **Protocols:** Evaluation of supported protocol options for seamless data capture.
  - **Edge Applications:** Identification and integration of appropriate (Edge) applications for local processing where needed.

- **Integration Layer:** Data streams from sensors and edge devices will be connected to MS Fabric—leveraging LogicApps for protocol conversion or PowerApps as required—ensuring real-time data flow into the Fabric platform.

- **Real-time Intelligence & Alerting:** We will configure or develop applications within MS Fabric to analyze incoming data streams. The solution will also include defining logic and thresholds for raising intelligent alerts, helping your teams take timely and informed actions.

- **Alarm Visualization & Interfaces:** Alerts and actionable insights can be surfaced through multiple interfaces:

  - Advisory setpoints that provide feedback to Operations teams.
  - Integration with existing Digital Twin environments for enhanced situational awareness.
  - Direct Operator interfaces using a purpose-built Operator Portal UI.
  - Mobile and desktop applications.
  - Custom interfaces and additional visualization options as required

- **End-to-End Deployment:** The MVP delivers a complete, production-ready MS Fabric RTI-based real-time solution—fully installed, configured, and operationalized. As your needs grow, the solution is easily scalable to accommodate additional data sources and evolving business requirements.