

Microsoft Fabric Data Platform and Power BI Analytics Management

G-Cloud 15 Service Description

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1 Business Outcome

Nasstar's Fabric Data Platform and Power BI Analytics Management service provides organisations with a fully managed and operationally governed analytics environment that ensures data pipelines, real-time workloads and business intelligence reporting remain reliable, performant and secure. As organisations increasingly adopt Microsoft Fabric and Power BI to unify data engineering, data integration and enterprise reporting, the complexity of managing capacity, pipelines, refresh cycles and workload performance grows significantly. Without ongoing oversight, platform issues can impact data quality, slow down analytics delivery and reduce confidence in reporting outputs.

This service delivers an end-to-end operational wrap for Microsoft Fabric (including F-SKU capacity, OneLake, Data Factory, Eventstream, KQL, notebooks) and Power BI (datasets, dashboards, reports and refresh processes). Nasstar's data and analytics specialists monitor, manage and optimise workloads, ensuring high availability, effective capacity utilisation and alignment with governance and compliance requirements. Incident triage, performance troubleshooting and proactive recommendations help maintain a healthy and scalable analytics platform that supports business decision-making.

By integrating tightly into customer operating models, the service reduces the internal operational burden on IT and data teams, provides predictable and governed workload management, and ensures continuity of analytics services during evolving business demands. This enables organisations to focus on generating insight and value from their data while Nasstar manages the operational foundations required to keep Microsoft Fabric and Power BI running smoothly.



2 What Does the Service Include?

2.1 2.1 Fabric Data Platform & Power BI Analytics Management Overview

Microsoft Fabric unifies data engineering, data science, real-time analytics and BI under one platform. To keep that platform healthy in production, you need vigilant capacity management, proactive workload monitoring, disciplined incident response and tight operational governance. Nasstar's service provides exactly that: continuous oversight of Fabric capacities and workloads plus Power BI artefacts, supported by incident, request and change processes within Nasstar's ITSM. The scope includes a defined Fabric workload footprint spanning notebooks, pipelines, Eventstream/KQL, OneLake, and Power BI dashboards/reports—operated during Core Support Hours with clear handoffs and documentation.

Key service elements include:

- **Capacity & Performance Management**
Ongoing monitoring of F-SKU utilisation (CPU, memory, storage), saturation hot-spots and autoscale recommendations; performance tracking for Lakehouse/SQL Warehouse, delta ingestion and dataset/query responsiveness.
- **Data Pipeline & Integration Operations**
Health checks and failure remediation for Fabric Data Factory pipelines and dataflows; Eventstream monitoring for streaming workloads; root-cause analysis for recurring bottlenecks.
- **Power BI Reliability**
Dataset refresh monitoring and failure triage, query performance observation, dashboard responsiveness tuning guidance, and governance over workspace assets and access.
- **Security, Compliance & Governance**
Operational governance via maintained runbooks, CMDB/service-architecture updates, periodic health and compliance reviews, and collaboration on role/access adjustments.
- **Incident Response & Vendor Escalation**
Fabric/Power BI issues logged in Nasstar's ITSM, routed to Azure/Fabric specialists for resolution, with managed Microsoft escalation for break/fix scenarios when required.
- **Backup & Recovery for Analytics Assets**
Backup and recovery patterns for OneLake delta tables (including time-travel), notebooks (Git/DevOps sync), pipelines (export/redeploy) and Power BI reports/datasets (deployment pipelines/exports).

Underpinned by Nasstar's mature service operations framework - incident, request, change, problem and knowledge management - the service ensures your analytics workloads remain stable, governed and aligned with evolving organisational demands. Whether operating exclusively within Microsoft Fabric or extending across complex Power BI estates, Nasstar delivers a complete operational wrap that reduces risk, improves reliability and maintains the integrity of critical data services.

With extensive experience designing, deploying and managing enterprise-grade data and analytics platforms, Nasstar provides a trusted, end-to-end capability that supports predictable data delivery, high-quality reporting and a modern foundation for insight-driven decision



making. Our blend of data engineering, analytics operations and cloud expertise ensures your Fabric and Power BI environments continue to perform at their best - empowering your organisation with secure, dependable and continuously optimised analytics services.

