

How Comprehensive Power Platform Monitoring Optimized Costs for a Diversified Industrial Company.

INDUSTRY

Manufacturing

CAPABILITY

Data Governance

FUNCTION

Data Management

TECH STACK

Microsoft Power Platform, Azure, Graph API, and Jira

Client Overview

The client is a diversified industrial company operating across the chemicals, energy, and fertilizers sectors. They rely heavily on data-driven insights to maintain safe, efficient, and compliant operations in highly regulated environments.

The Ask

As the organization increased its reliance on Microsoft Power Platform tools, including Power BI, Power Apps, and Dataverse, they needed a way for effective Power Platform monitoring and governance. The goal was to move from siloed data to a centralized, actionable view of the platform's health and adoption.

Challenges

Siloed data across various services makes it difficult to create a unified view of operational metrics.

Reporting across different systems results in oversight of sensitive data.

Slow report load times and dataset refreshes cause performance issues.

Need for better cost attribution of Azure services between departments.

Our Solution: Power Platform Monitoring

Unified Data Integration Architecture

Integrated key datasets from Power BI, Dataverse, Azure, and Active Directory using Power BI REST APIs, Graph API (for AAD), and the Power Platform Admin Connector to create a single source of truth for platform metrics

Actionable Governance Reporting

Developed a suite of specialized reports (e.g., Access, Audit Logs, Data Sensitivity) to provide deep insights, establish a comprehensive access matrix, and flag the use of sensitive or non-certified datasets for compliance

Proactive Cost & Resource Optimization

Leveraged Azure Cost Management to enable accurate expense attribution by business unit, while monitoring Premium Capacity Usage to identify and optimize underutilized licenses and over-provisioned resources for better budgeting

Real-Time Power Platform Monitoring

Deployed dashboards to track report load times, query duration, and dataset refresh reliability for early detection of resource bottlenecks and immediate resolution of performance issues, ensuring a positive user experience

Jira-Grounded Productivity Metrics

Incorporated Jira data using the Power BI Connector to visualize team progress and sprint velocity, providing data-driven insights to proactively remove project blockers and track overall delivery velocity.

Impact Delivered

Real-time visibility into capacity and storage allowed for early detection of resource bottlenecks

Identified underutilized licenses and over-provisioned capacities, enabling better budgeting and forecasting

Faster resolution of performance issues through proactive Power Platform monitoring of load times and query speeds

Optimize Your Power Platform Monitoring Investment

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About Us

Tiger Analytics is a global leader in AI and analytics, helping Fortune 1000 companies solve their toughest challenges. We offer full-stack AI and analytics services & solutions to help businesses achieve real outcomes and value at scale. We are on a mission to push the boundaries of what AI and analytics can do to help enterprises navigate uncertainty and move forward decisively. Our purpose is to provide certainty to shape a better tomorrow.

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