

One Foundation Accelerates **Data-Driven Decisions** with **Microsoft Fabric**

Business Overview

One Foundation is a New Zealand-based charitable trust committed to empowering communities by funding initiatives across sports, education, culture, and social development. With a growing ecosystem of stakeholders and reporting requirements, the foundation needed a stronger data backbone to ensure compliance, transparency, and timely decision making.

To unlock greater efficiency, governance, and insight-driven operations, One Foundation partnered with Alletec to reimagine its data landscape using Microsoft Fabric.

Business Challenges

Before adopting Microsoft Fabric, One Foundation's reporting and data management processes faced critical limitations:

- **No Data Warehouse** – Reporting was built directly on sources without a governed, unified platform, leading to fragmented and unreliable outputs.
- **Unreliable Power BI Reporting** – Reports based on Dynamics 365 Business Central often failed due to API limitations (20k rows per call) and frequent refresh timeouts, creating distrust in analytics.
- **Non-Optimal Design** – Lack of standardized data models resulted in inconsistent and non-scalable dashboards.
- **Gaming Data Managed on Azure SQL VM** – Critical XML data from SFTP was processed through a third-party managed SQL VM, inflating costs and creating external dependency risks.
- **Disconnected Systems** – Data spread across ERP, EMS, SharePoint, Gaming, and SFTP systems created silos and inefficiencies.
- **Manual Reporting** – Compliance and funding reports required extensive manual intervention, delaying insight generation and limiting agility.

Alletec's Approach and Solution



Alletec collaborated with One Foundation to design and implement a Microsoft Fabric-based Medallion Architecture that transformed the foundation's data management and reporting capabilities.

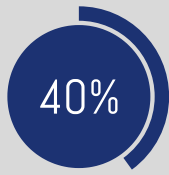
- **OneLake as Central Hub** – Unified ERP, SharePoint, Gaming EMS data, and SFTP data into a single, governed repository.
- **Optimized ERP Pipelines** – Built robust pipelines to overcome Business Central API refresh failures, ensuring uninterrupted daily data refreshes.
- **Gaming XML Integration in Fabric** – Automated ingestion directly into Fabric, eliminating the costly Azure SQL VM and reducing third-party dependency.
- **Semantic Data Models with Direct Lake** – Delivered standardized, business-ready models for instant, reliable Power BI reporting.
- **Fabric Notebooks** – Used Fabric Notebooks & Data Pipeline to pull data from Dynamics 365 Business Central & other sources into the Lakehouse. We then applied transformations to refine the data into Silver and Gold layers, enabling clean, modeled datasets for analytics and reporting.
- **Dataflows Gen2** – Enabled reusable ETL logic, improving standardization and efficiency.
- **Power BI Modernization** – Transitioned from fragile, manual reports to governed, real time dashboards.



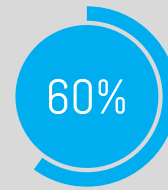
The Microsoft Fabric Data Platform has transformed our reporting and analytics. We no longer face ERP refresh limitations and now have real-time insights across systems. This foundation positions us to leverage AI and advanced analytics for future community impact.

Kerry Bird, One Foundation

Impact and Results



Cost Reduction – Eliminated SQL VM and third-party vendor dependency for Gaming data processing.

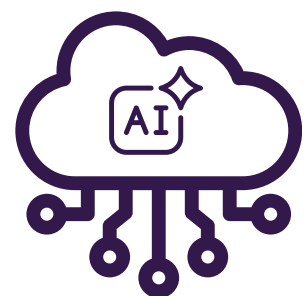


Faster Reporting – Automated pipelines and Direct lake deliver near faster reporting insights.

- **ERP Data Refresh Issues Resolved** – Daily Power BI refreshes run seamlessly without API errors.
- **Established a Modern Data Warehouse** – Fabric provided a governed, scalable platform where none existed before.
- **Standardized Data Models** – Reports are consistent, scalable, and business-friendly.
- **Improved Governance** – Bronze, Silver, Gold layers ensure data quality and compliance.
- **AI-Ready Platform** – Positioned for predictive analytics, ML, and intelligent automation.

Alletec's Strategic Role

With Microsoft Fabric, Alletec enabled One Foundation to evolve from fragmented, costly, and unreliable reporting into **a modern, cloud-based, AI-ready data platform**. Beyond solving ERP bottlenecks, the integration of Gaming XML data and the elimination of SQL VM costs have reduced dependencies and set up a leaner, more scalable architecture.



Alletec continues to support One Foundation with training, adoption, and innovation as they move toward predictive analytics and AI-driven insights.

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