



Cloud Formations

Implementing a Metadata-Driven Data From Legacy Systems to Cloud Innovation: Notting Hill Genesis Journey to Smarter Data

Following a major merger, Notting Hill Genesis (NHG) faced significant challenges integrating data from multiple housing management systems and legacy platforms. Partnering with Cloud Formations, NHG implemented a modern data platform leveraging Microsoft Fabric to streamline data onboarding, improve governance, and accelerate delivery of data products. Today, NHG benefits from faster insights, enhanced reporting, and a future-ready foundation for innovation.

Challenge

Following the merger of Notting Hill and Genesis housing associations, Notting Hill Genesis (NHG) faced significant challenges in managing and integrating data from multiple sources, including housing management systems, customer feedback, repairs, finance, and performance. Their legacy data warehouse was slow, costly, and difficult to maintain. Additionally, NHG needed to synchronise tenant data across two primary housing management systems while addressing day-to-day operational needs and ensuring compliance with the “Golden Thread” initiative.

Solution Overview

To overcome these challenges, NHG partnered with Cloud Formations to design and deliver a future-proof data platform architecture. The solution leveraged Microsoft Azure and Microsoft Fabric to create a modern, cloud-based platform that empowered business users to unlock value from data assets, established federated governance aligned with NHG’s overall data strategy, and consolidated siloed data products while streamlining the onboarding of new datasets. It also supported critical initiatives such as the “Golden Thread” compliance requirement. Using Cloud Formations’ CF Cumulus product, metadata framework, NHG rapidly integrated housing system data, cleansed and organised its technology landscape, and accelerated the delivery of new data products.



Want to know more?

Contact us on the details below or book some time in our calendar [here >>>](#)

Book Here

About Notting Hill Genesis



Notting Hill Genesis is one of the largest housing associations in London and the south-east, providing homes and services to over 170,000 people. They have a diverse portfolio of properties, ranging from large regeneration projects to supported housing for vulnerable people. As a social enterprise, they aim to provide quality homes and services that enable people to live well and thrive.



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Outcome

The result was a modern, scalable, cloud-based data platform aligned with data mesh principles. NHG can now deliver insights faster and more efficiently, supporting both business-as-usual operations and strategic initiatives.

The organisation has significantly accelerated the onboarding of new datasets and the delivery of data products, improved reporting and analytics capabilities across the business, and established a strong foundation for future growth and innovation in data management.



Using the CF.Cumulus framework for more than a year at NHG, it has been instrumental in accelerating our adoption of a meta-data driven architecture for data ingestion within our medallion data platform. By standardising and automating common ingestion patterns, it has significantly reduced repetitive development effort, allowing our engineering team to focus on higher value, complex data engineering tasks.

Luxmi Jankee, Head of Software Engineering

What is CF.Cumulus

CF.Cumulus™ is an open-source cloud data platform designed to accelerate time-to-insight. It enables organisations to ingest, migrate, and transform data efficiently using a metadata-driven approach. Built for scalability and flexibility, CF.Cumulus supports complex data handling, integrates seamlessly with modern cloud technologies, and provides a proven framework for rapid development and orchestration. Its transparent, reliable design empowers businesses to unlock value through streamlined data processes and advanced analytics.



Cloud Formations

Powered by products.

Delivered with expertise.

Cloud Formations helps enterprises unlock data value faster and at lower cost by combining outcome-led consulting with open-source product accelerators.

Next Steps

Find out how Cloud Formations can help you with your data journey.

Contact us on contactus@cloudformations.org or scan the QR code to book a meeting with us



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Our Services

- Data Platform Design
- CF.Cumulus Deployment
- Technical Oversight
- Architecture Review
- End to End Training