Auckland Transport

Business Problem:

Auckland Transport plans, operates and maintains the city's transport infrastructure. With 87 million public transport boardings, spanning buses, trains, and ferries, AT handles vast volumes of sensitive and operational data every day.

With so much happening across the network, optimised governance has become a key enabler for Auckland Transport.

Auckland Transport initiated a strategic uplift of its IDMC platform to accelerate progress and embed scalable, privacy-conscious data practices that support enterprise-wide enablement and strategic outcomes.

Strategic Data Enablement Optimisation at Auckland Transport Auckland Transport (AT) is delivering a strategic uplift to its enterprise data ecosystem through a Data Enablement Optimisation initiative. This work strengthens AT's ability to govern, protect, and use data confidently, enabling business units to deliver on their FY26 KPIs and Statement of Intent (SOI)-aligned outcomes.

Key Strategic Outcomes:

- Strengthened governance foundations and privacy alignment
- Deployment of scalable environments to support safe experimentation
- Improved data quality and stewardship across multiple use cases
- Enhanced lineage and classification visibility to support transparency
- Alignment to AT's Data Standards and privacy protocols

Led by AT. Enabled by Venn (New Zealand's only Informatica Gold Partner). Focused on strategic value.

Strategic Impact: Auckland Transport has strengthened its enterprise data foundations to support trusted, scalable, and privacy-conscious practices. This uplift empowers AT to deliver services with greater confidence, transparency, and alignment to its FY26 strategic goals.

Outcome: Enhanced privacy alignment. Empowered data stewardship. Trusted data enabling a smarter, more connected Auckland.

Auckland Transport

Project Objectives

1. Clean up the existing Production environment by removing redundant canning sources, aligning configurations to ensure a stable foundation for future governance activities
2. Implement a fully functional Test Organisation mirroring Production, with secure configuration.
3. Define and implement a data quality process for a priority use case, including scorecards, and profiling schedules to improve data quality.
4. Implement data classification aligned to sensitivity levels through automated profiling & evaluate automated data privacy controls.

Outcomes	Strategic Benefit
Refreshed the existing data environment to remove outdated sources and align configurations for a stable governance foundation.	Strengthens the foundation for scalable governance by eliminating duplication, improving system stability, reducing operational costs, and reduces complexity for users.
Set up a safe testing environment to support experimentation and future development including version control and a data marketplace.	Enables innovation and protects production data while improving visibility into platform usage and enabling scalable, AI-powered automation. Improves cost monitoring by separating production and testing activities, enabling clearer visibility into platform usage and spend.
Improved system visibility by correcting filters and connecting previously missing relationships.	Enhances transparency and supports faster issue resolution, impact analysis & business compliance.
Designed a data quality programme with dashboards tailored to business needs.	Empowers teams to monitor and improve data quality independently, supporting better decision-making and trusted results.
Aligned data classification and sensitivity levels to AT's standards, and explored automated privacy controls (e.g. data masking).	Strengthens privacy protection and simplifies secure, policy driven access to sensitive data making privacy management simpler and more effective.