

CASE STUDY

Implementing Enterprise Data Governance for Vector

Venn Consulting | Data Governance Programme

Client Vector	Industry Energy & Infrastructure	Engagement Enterprise Data Governance Implementation	Technologies Informatica IDMC, Metadata Command Center (MCC), Data Governance, Data Marketplace, CDQ, CDAM
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The Challenge

Vector, a major New Zealand energy provider, is leading a long-term transformation to create a more resilient, customer centric energy future. As data volumes and use cases expanded, Vector identified the need to strengthen its enterprise data governance foundations. While elements of a governance operating model existed, they were inconsistently applied, manually maintained, and not supported by an enterprise platform.

This limited visibility of metadata, ownership clarity, stewardship accountability, data lineage understanding, and data quality assurance.

Key challenges included:

- Inconsistent and manually managed governance processes across business units
- Limited visibility of metadata, lineage, and dataset usage
- Unclear data ownership and stewardship practices
- Lack of platform level support for glossary, classification, and policy enforcement
- Expanding Modern Data Platform use cases requiring strong governance foundations

Vector sought a scalable, platform enabled governance model that could support its ongoing digital, regulatory, and analytics initiatives.

Venn's Approach

Venn Consulting partnered with Vector to expand its governance operating model and implement Informatica's Intelligent Data Management Cloud (IDMC) as the core governance platform.

1. Platform Implementation

Venn delivered the full technical implementation of IDMC, including platform architecture, secure agent installation, SSO integration, firewall configuration, and setup of service accounts and user access. This established a secure, enterprise grade foundation for governance capability.

2. Metadata Command Center (MCC)

The Metadata Command Center was configured to harvest metadata from Vector's Modern Data

Outcomes

Strengthened governance foundations	A mature, platform enabled governance model aligned to Vector's operating practices.
Centralised metadata visibility	MCC scanning provides clear lineage, profiling, and dataset discovery across the MDP ecosystem.
Trusted, certified data products	The Data Marketplace enables governed, reusable datasets for analytics and operational use.
Improved data quality oversight	CDQ profiling and rules provide proactive visibility of quality issues.
Clear roles and stewardship	Expanded operating model clarifies ownership, responsibilities, and governance workflows.
Accelerated adoption	Workshops and role-based enablement embed IDMC into day-to-day decision making and analysis.

Key Takeaways

- Platform enabled governance provides sustainable, repeatable processes across the organisation.
- Automated metadata and lineage improve trust and accelerate analytics use cases.
- A unified business glossary ensures consistent terminology and shared understanding.
- Data Marketplace operationalises "data as a product" for business users.
- CDQ provides continuous oversight of data quality, driving confident decision making.
- Adoption workshops ensure governance is understood, embraced, and actively practiced.

Platform components including Snowflake, Coalesce, Streamlit, FiveTran, and Power BI. Automated lineage, profiling, and dataset discovery replaced manual documentation and enabled organisation wide visibility of trusted data sources.

3. Governance Enablement in IDMC

Core governance capabilities were established across Business Glossary, classification, stakeholder assignment, workflow approvals, and policy management. Data Marketplace was implemented to support Vector's "data as a product" model, giving business users a storefront for governed, certified datasets. Cloud Data Quality (CDQ) was configured to support profiling, quality rules, and ongoing monitoring.

4. Operating Model Expansion and Adoption

Building on Vector's existing governance framework, Venn expanded the operating model and translated it directly into IDMC's governance structures. Venn also delivered adoption workshops, role definitions, glossary development sessions, classification guidance, and hands on enablement to embed governance into everyday processes.

How Venn Can Help

Venn Consulting supports New Zealand organisations to establish practical, scalable data governance foundations. Our services include:

- Enterprise data governance implementation (Informatica IDMC)
- Governance operating model development
- Metadata, lineage, and catalogue strategy
- Data Marketplace enablement
- Data Quality and CDAM implementation
- Stewardship uplift and adoption programmes

Get in touch to discuss your data governance goals.