


Leading UAE Bank Transforms Data Management with Strategic Technology Integration


The Client


One of the UAE's largest banks aimed to modernise its data infrastructure to meet regulatory demands and improve efficiency. For nearly 50 years, the bank has maintained its industry leadership through innovation and digital transformation.


The Scope

MTSL was engaged to deliver expertise across four key areas:

 **Enterprise Data Architecture & Governance**
Designed a unified data architecture, established governance policies, and implemented data quality and metadata management frameworks

 **Programme Management**
Oversaw multiple data initiatives, coordinated resources, mitigated risks, and ensured stakeholder engagement through structured reporting

 **Master Data Management (MDM) Implementation**
Deployed and integrated the Informatica MDM platform, migrated legacy data, and established data validation and maintenance workflows

 **Data Governance Architecture**
Designed a unified data architecture, established governance policies, and implemented data quality and metadata management frameworks

The Challenges

The bank faced several data management challenges, including a fragmented architecture, inconsistent governance, and quality issues across legacy systems. Manual reconciliation processes drained resources, while limited data lineage visibility impacted regulatory reporting. Security concerns, rising compliance demands, and the absence of centralised master data management further hindered operational efficiency and decision-making.

The Benefits

The transformation programme delivered measurable improvements

- **Operational Efficiency** – Reduced regulatory reporting time, minimised reconciliation efforts, and improved data processing speeds
- **Financial Impact** – Lowered data management and compliance costs while enhancing customer retention through better data quality
- **Risk Reduction** – Strengthened compliance, improved data security, and reduced breach risks
- **Strategic Value** – Enabled real-time analytics, accelerated digital service rollouts, and laid the foundation for AI-driven initiatives

The Solution

MTSME delivered a tailored data transformation programme, addressing key challenges through:

Enterprise Data Architecture & Governance - Developed a standardised data architecture, established governance roles, and implemented data quality monitoring

Master Data Management (MDM) - Deployed Informatica MDM to unify critical data, automate validation, and create structured data dictionaries

Data Governance Architecture - Developed a standardised data architecture, established governance roles, and implemented data quality monitoring

Cybersecurity Enhancements - Introduced Privileged Access Management (PAM), role-based controls, and audit trails to safeguard sensitive data

Programme Management - Set up a PMO, defined clear milestones, implemented risk mitigation strategies, and provided training