

Capital Market Data Governance

Governing Every Data Element from Source to Decision

End-to-end data governance, ownership, quality, lineage, metadata, controls, access, lifecycle management, and evidence across the full capital-markets data value chain.

CORE SIGNAL

Capital-markets data becomes trusted only when ownership, meaning, quality, lineage, controls, access, lifecycle, and evidence operate as one connected system.



THE MANDATE

Why This Practice Matters

Capital markets run on data that is created, enriched, transformed, reconciled, calculated, reported, retained, and reused across thousands of business and system interactions. Institutions need a governance model that controls this full lifecycle without slowing the business or reducing accountability.

WHO WE SUPPORT

- Global banks and broker-dealers
- Asset and wealth managers
- Exchanges, clearing houses, and market utilities
- Chief Data Officers and enterprise data offices
- Front-office, risk, finance, operations, and regulatory data teams

EXECUTIVE QUESTIONS

- 1

Which data domains and critical data elements carry the greatest business, regulatory, and operational risk?
- 2

Can every material report, risk measure, P&L result, and client outcome be traced to authoritative sources and accountable owners?
- 3

Are business definitions, quality rules, controls, access rights, and retention obligations applied consistently across platforms?
- 4

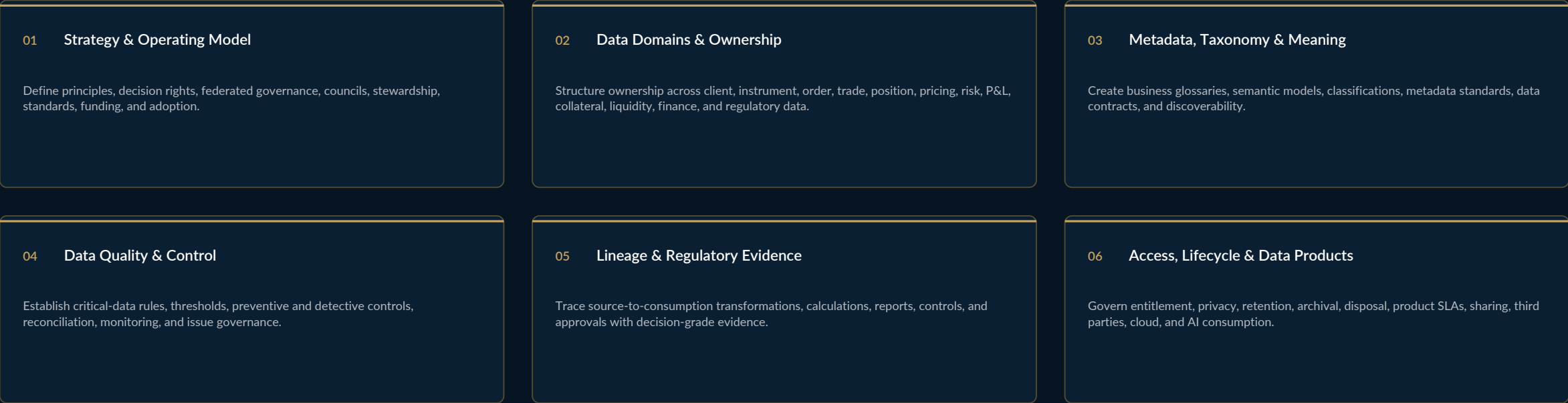
How will governance extend to cloud platforms, data products, AI models, vendor data, and real-time event streams?

INSTITUTIONAL ADVISORY · CONTROLLED TRANSFORMATION

THE CAPABILITY MAP

Six Capabilities That Define the Practice

A structured view of the business, data, technology, control, and operating-model capabilities required to execute reliably.



THE PROBLEM LANDSCAPE

Where Institutions Lose Control

The recurring failure patterns that create operational risk, delivery friction, hidden cost, and weakened executive confidence.

01 Definitions Without Enterprise Meaning

The same client, trade, position, exposure, price, or risk concept is interpreted differently across functions and systems.

03 Controls After the Fact

Quality is assessed at reporting endpoints rather than designed into capture, transformation, calculation, and distribution.

05 Source and Consumer Divergence

Multiple golden sources, extracts, spreadsheets, caches, and local adjustments create incompatible versions of truth.

02 Ownership Without Authority

Named owners lack decision rights, capacity, metrics, or escalation paths to resolve material data problems.

04 Lineage Gaps

Institutions cannot rapidly explain how data moved from source systems into risk, finance, regulatory, and management outputs.

06 Ungoverned Analytics and AI

Models and analytical products consume data without consistent provenance, permission, quality, retention, or accountability.

MDMI DIAGNOSTIC LENS

We test whether every material data outcome can be explained through accountable ownership, authoritative sourcing, semantic clarity, measurable quality, complete lineage, effective controls, and retained evidence.

THE ADVISORY OFFER

What MD Market Insights Delivers

Modular services that can be deployed independently or combined into a sequenced transformation program.

01

Enterprise Data Governance Strategy
Define vision, scope, principles, federated model, decision rights, governance forums, funding, roadmap, and success measures.

02

Domain, Ownership & Stewardship Design
Map data domains, accountable owners, stewards, producers, consumers, service levels, and escalation responsibilities.

03

Glossary, Metadata & Semantic Architecture
Build controlled vocabularies, taxonomies, business glossaries, metadata models, data contracts, and discovery patterns.

04

Data Quality, Reconciliation & Controls
Design critical-data rules, control libraries, thresholds, monitoring, exception workflows, root-cause analysis, and remediation.

05

Lineage, Traceability & Evidence
Establish technical and business lineage, report traceability, calculation transparency, change impact, and regulatory evidence.

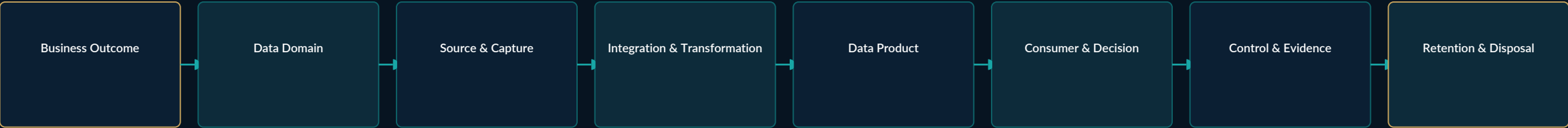
06

Data Products, Access & Lifecycle Governance
Govern reusable data products, entitlements, privacy, retention, archival, disposal, third-party use, cloud, and AI consumption.

THE SYSTEM VIEW

From Strategy to Controlled Execution

The practice is designed as an end-to-end system: decisions, workflows, platforms, data, controls, and outcomes must operate as one chain.



FOUNDATION 01

Ownership, decision rights, governance forums, policy, standards, and escalation

FOUNDATION 02

Metadata, glossary, lineage, quality, controls, access, retention, and evidence

FOUNDATION 03

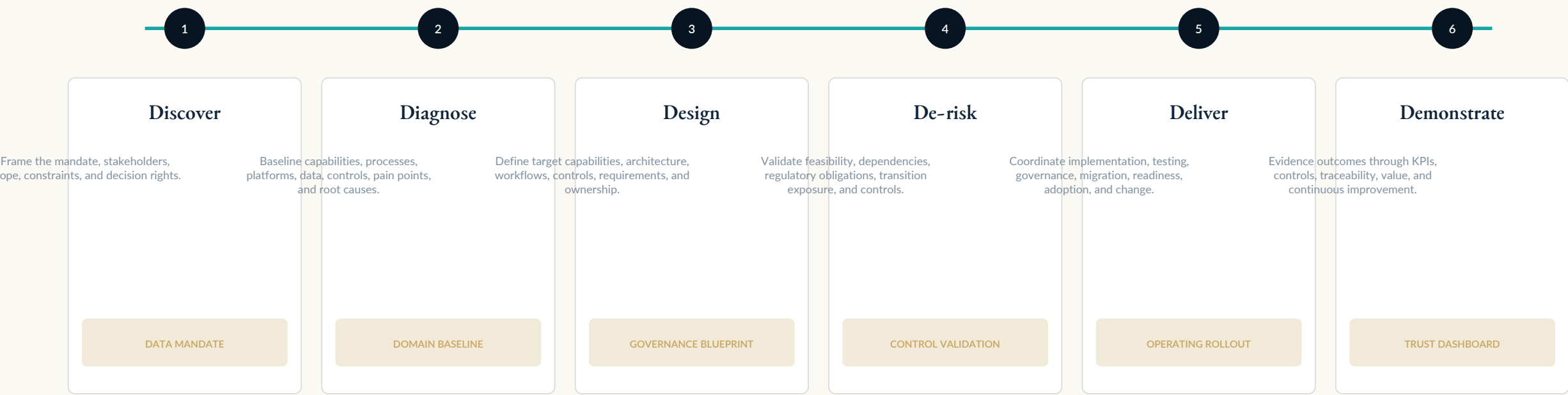
Technology enablement, workflow, observability, metrics, adoption, and continuous improvement

Governance · Controls · Traceability · Ownership · Evidence

THE MDMI METHOD

A Six-Phase Path from Ambition to Adoption

A disciplined method that converts executive intent into implementable decisions, tested capabilities, operational readiness, and measurable value.



THE WORK PRODUCT

Decision-Grade Artifacts, Not Shelfware

Every artifact is designed to drive a decision, control execution, transfer knowledge, or evidence an outcome.

Data governance strategy DELIVERABLE 01	Data-domain and ownership map DELIVERABLE 02	Critical-data inventory DELIVERABLE 03	Business glossary and taxonomy DELIVERABLE 04
Metadata and data-contract model DELIVERABLE 05	Data-quality rule catalogue DELIVERABLE 06	Control and reconciliation library DELIVERABLE 07	Lineage and traceability catalogue DELIVERABLE 08
Issue and remediation workflow DELIVERABLE 09	Access and lifecycle model DELIVERABLE 10	Data-product governance standard DELIVERABLE 11	Data trust KPI dashboard DELIVERABLE 12

EXECUTIVE DATA COUNCIL	DOMAIN GOVERNANCE	DATA CONTROL FORUM	PLATFORM & TOOLING	ADOPTION & VALUE
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THE VALUE CASE

Representative Use Cases and Success Measures

Illustrative applications showing how the practice converts complex institutional problems into controlled, measurable outcomes.

01

Regulatory Reporting Traceability

Connect report cells and metrics to source transactions, transformations, calculations, controls, sign-offs, and retained evidence.

02

Security Master Governance

Create accountable golden-source, hierarchy, identifier, classification, pricing, corporate-action, and exception controls.

03

Risk and P&L Data Control

Reconcile positions, market data, valuations, sensitivities, risk measures, and P&L explain across front office, risk, and finance.

04

Client and Counterparty Data

Establish trusted identity, hierarchy, KYC attributes, legal agreements, risk classifications, entitlements, and downstream distribution.

SUCCESS MEASURES

Critical-data coverage

Accountable-owner assignment

Lineage completeness

Data-quality pass rate

Issue ageing and recurrence

Reconciliation break reduction

Control evidence coverage

Time to trace and explain

BUILD THE NEXT MOVE

Build a Trusted Data System for Every Trade, Position, Risk Measure, Report, and Decision.

MD Market Insights helps institutions establish full-cycle capital-market data governance - connecting ownership, meaning, quality, lineage, controls, access, lifecycle, technology, evidence, and measurable trust.

OPTION 01

Diagnostic Sprint

Rapid baseline, critical risks, priority decisions, and a sequenced action plan.

OPTION 02

Advisory Workstream

Focused design or delivery support for a defined capability, architecture, data, platform, or control domain.

OPTION 03

Transformation Partner

End-to-end support from strategy and architecture through implementation, adoption, and measurable outcomes.



MD MARKET INSIGHTS

Capital Markets · Financial Services Technology
Business Architecture · Data · Transformation

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