

Semarchy xDM Data Platform Overview

Transforming your data from chaos to confidence

The Data Platform Solving All Enterprise Data Needs



Singular focus on achieving data goals – “most recommended” Gartner Peer Index Solution (last 12 mos.)

Semarchy Data Platform



Integrated Solutions



Open Connectivity



Dynamic Flexibility



Complexity Adaptation



Seamless Scalability

On-Prem, Cloud, Hybrid, SaaS (2024.Q4)

Data Management

Master Data Management

Trust Your Data.

Rapidly generate no-code data apps to manage golden data across any domain

NEW

SaaS

Data Intelligence

Data Catalog

Data Governance

Data Quality

Leverage Your Data.

Collaboratively govern & improve data from assets to initiatives with activated metadata

On-Prem, Cloud, Hybrid

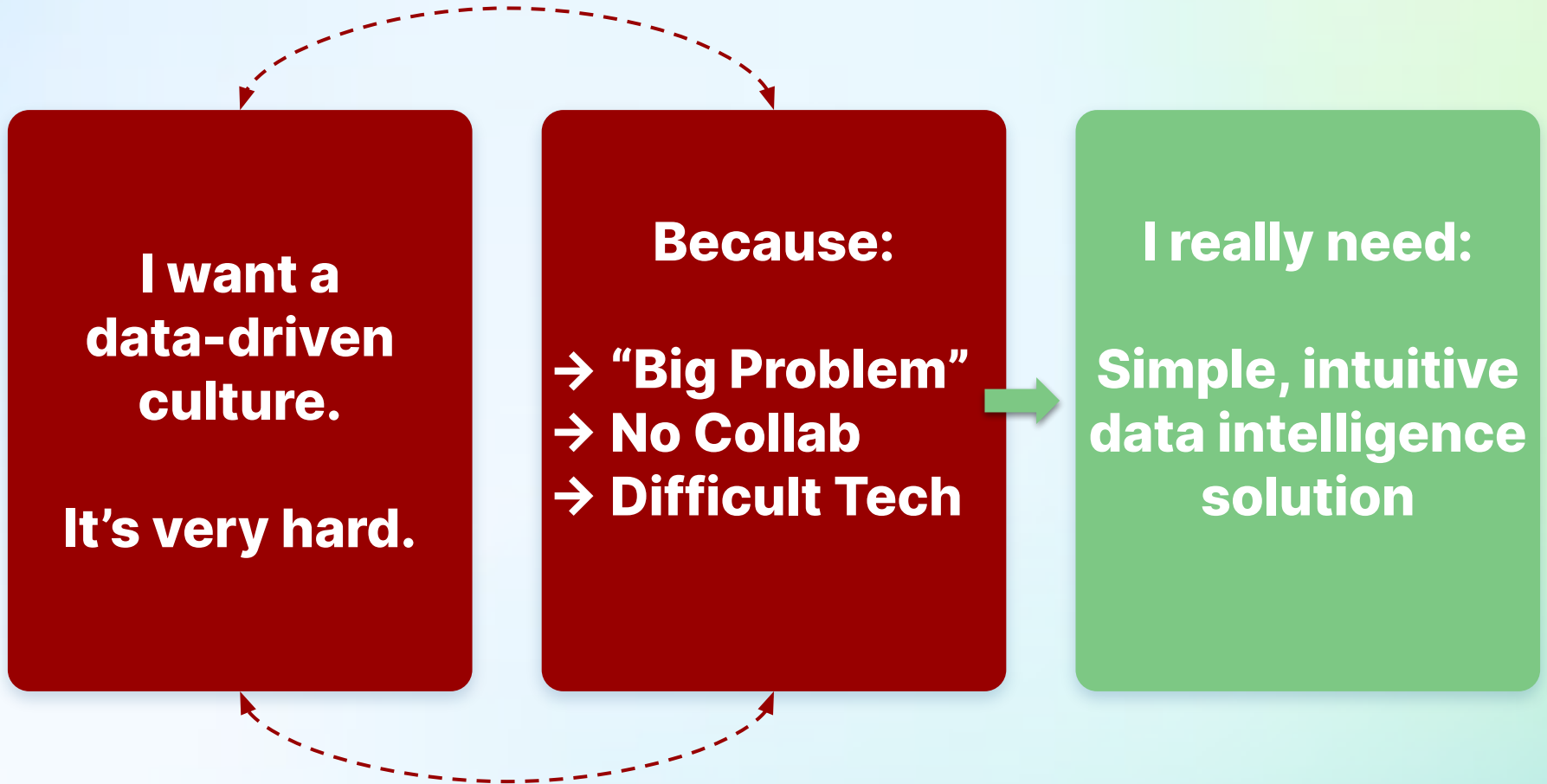
Data Integration

Data Integration

Data Connectors

Orchestrate Your Data.

Easily design and deploy low-code, high-performance data pipelines anywhere



Data Intelligence key use cases

Clients who have distributed teams, operations and data ecosystems are ideal buyers

Scaling

- 1 MDM Domain to Multi Domain
- Market Expansion
- M&A + Joint Ventures

Transforming

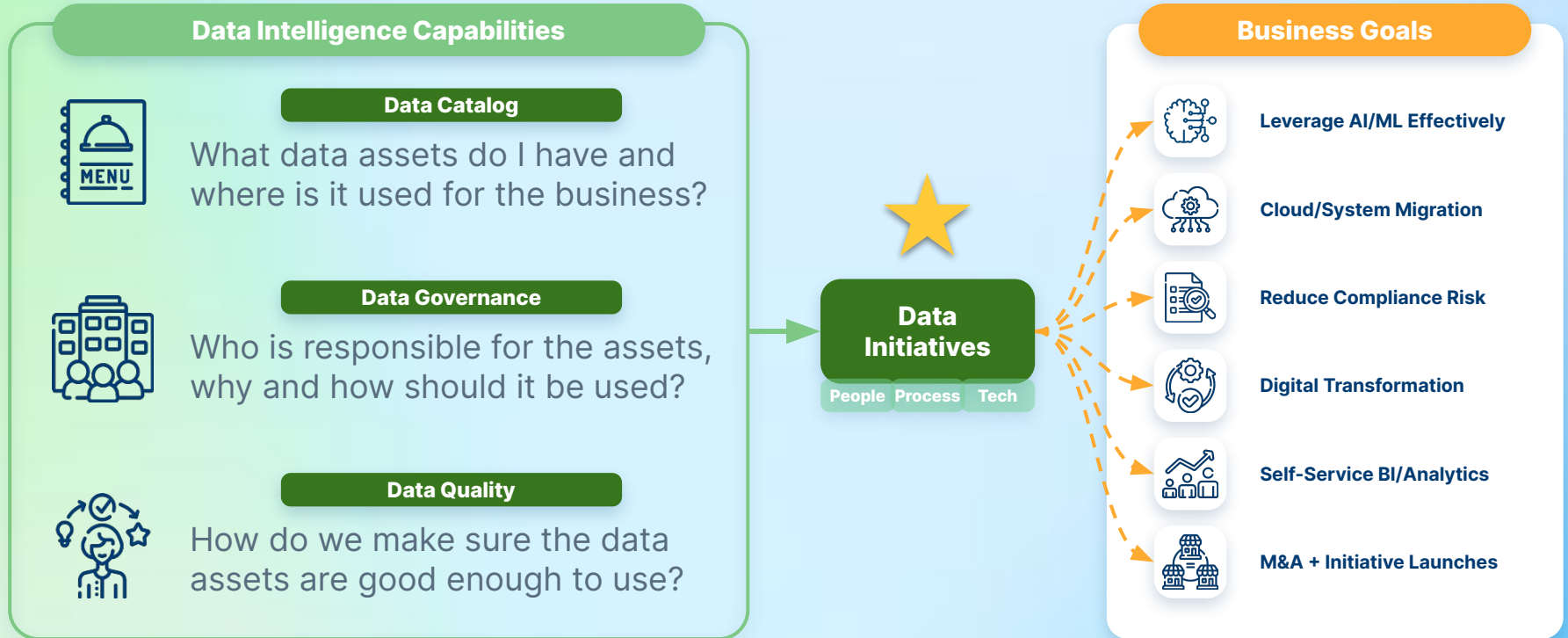
- Migrate or Implement Tech
- Re-Org / New Business Models
- Multi-Team Data Initiatives

Sharing

- Self-Service BI/Analytics
- Partners + Stakeholders
- Reporting, Audit, Compliance

Accelerating Business Goals Requires Data Intelligence

Easily start, manage and scale data initiatives of any size to achieve your business goals



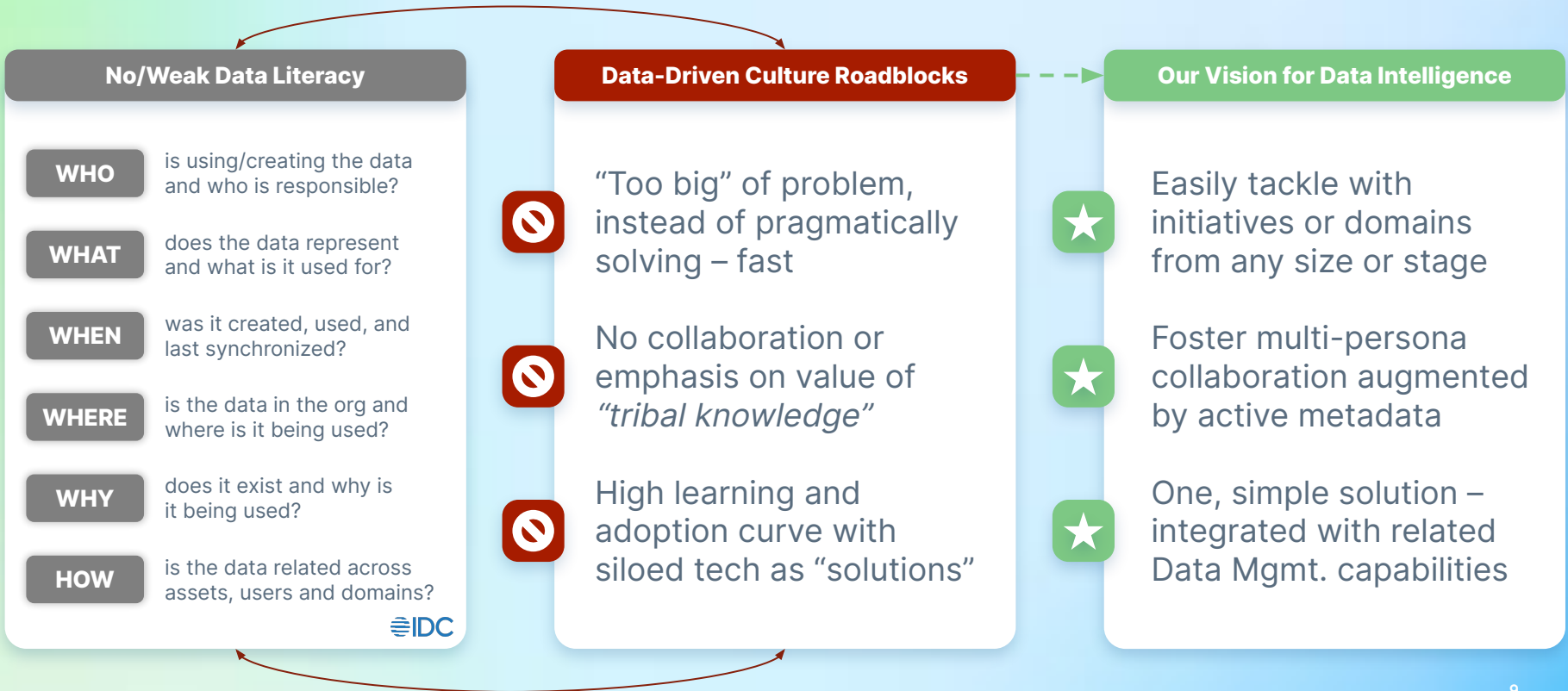
**Data Intelligence =
knowing data about your
data so your company can
actually use it as an asset.**

Governance = Limits
Intelligence = Opportunities

**Data Intelligence is a
requirement for creating a
data-driven culture.**

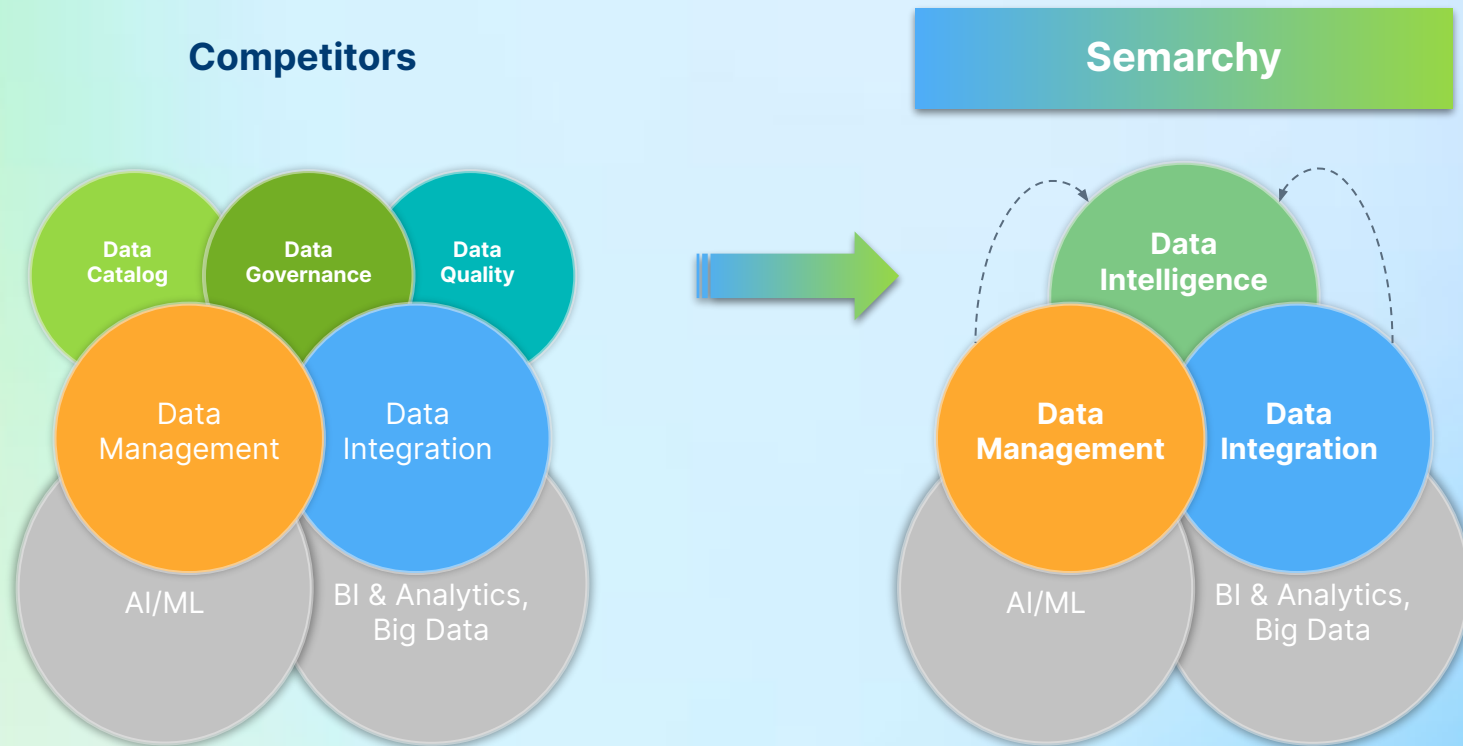
But what is the actual problem here?

Need *Data-Driven Culture* while balancing governance + action



Semarchy's Positioning: One is better than three

Combining the most actionable DG, DC, DQ capabilities into *one intelligent solution*



Master Data Management Module

Rapidly generate no-code data apps to manage golden data across any domain

Capabilities



Modeling

ER⁽¹⁾ modeling for complex relationships



Quality

Automatically enforce & enrich data quality



Traceability

Trace every record, change, and more



Dashboarding

Build analytical and operational dashboards



Workflows

Design workflows with automatic systems



Integration

Easily orchestrate data in batch or real-time

Industries



Retail



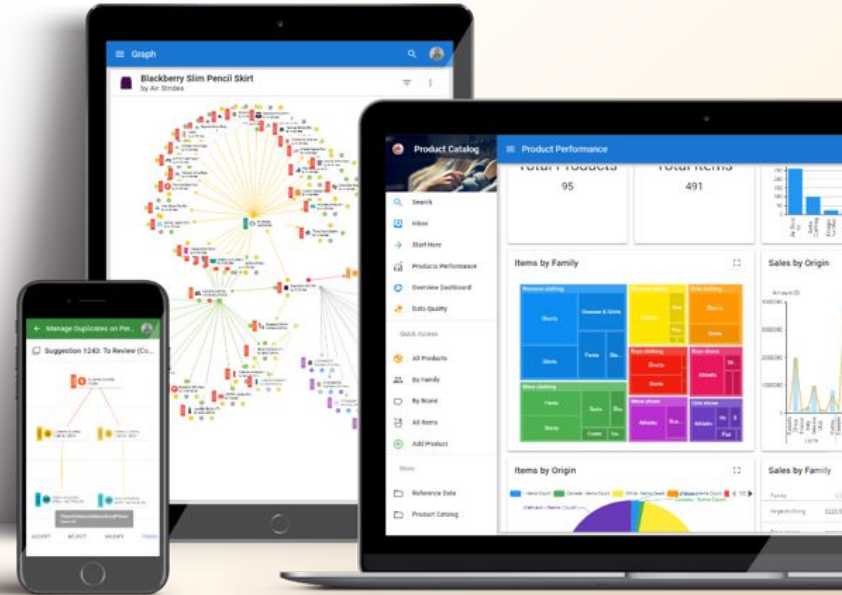
Finance



Healthcare



Manufacturing



Data Integration Module

Easily design and deploy low-code, high-performance data pipelines anywhere

Overview

Unified Solution

Federate any type of data integration with universal mapping

Evolutive Technology

Accelerate designs with flexible & scalable technology

Mastered Trajectory

Reduce infrastructure cost and maximize IT performance

Capabilities



Mapping

Design data flow for transformations



Streaming

Replicate and sync data with change data capture



Adapters

Dedicated connectors for 70+ systems



Administration

Manage deployments via admin dashboard



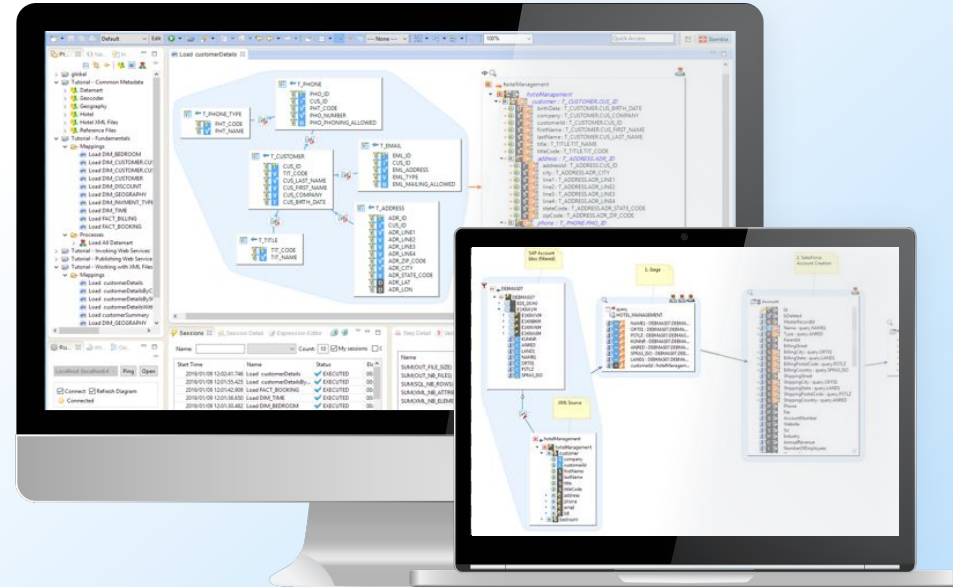
Protection

Secure data via anonymization & audit



Management

Extensible to the Data Platform Modules



Data Intelligence Module (SaaS)

Collaboratively organize & govern data from assets to initiatives with active metadata

Use Cases



Create Catalogs & Business Glossaries



Improve Data Compliance & Quality



Empower Data Asset Access & Usability

Features



Discover & Harvest

Profile data with native harvesters for 50+ sources



Search & Browse

Google-like search with rankings and navigation



Data Lineage

Visualize impact analysis upstream & downstream



Author

Define data assets (or requests) and metrics



Organize & Collaborate

Associate assets with tags, categories, users & terms



Metrics & Badges

Harvested/computed measures for assets

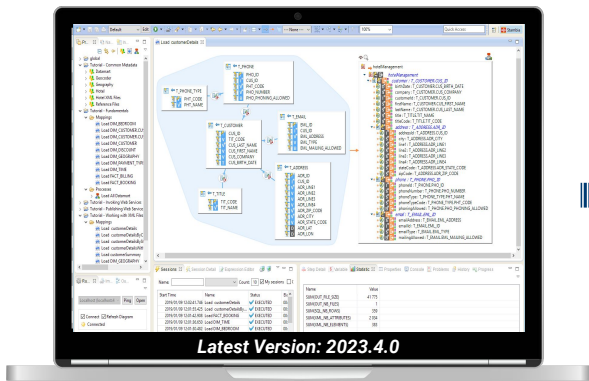
The screenshot shows the Semarchy Data Intelligence interface. The breadcrumb path is Database > Oracle > OraclePOVEUxDM > orcl > adpmdm. The main view is for the 'gd_company' table, which has 55 columns and 1546 rows, last synchronized 7 days ago. The 'Columns (55)' table is displayed with the following data:

Column	Constraints	Description	Tags	Glossary terms
123 b_batchid Number		Unique identifier for a company. Generated UUID...	Technical	
123 b_branchid Number	Primary key		Technical	
123 b_fromedition Number	Primary key			
123 b_toedition Number	Nullable			
RBC b_classname String				
123 b_creatdate Time	Nullable	Creation date		
RBC b_creator String	Nullable	Record's creator	PII, Owner	PII-Username
RBC b_updator String	Nullable	Record's updator	PII	PII-Username
123 b_confscore Number	Nullable			
RBC b_confirmationstatus	Nullable	Golden confirmation status	Golden	

Data Integration Module

Low-Code Universal Mapping

Intuitive, business-oriented design



Latest Version: 2023.4.0



Data Flow Designer

GUI integration designer with metadata reverse engineering, lineage & impact analysis

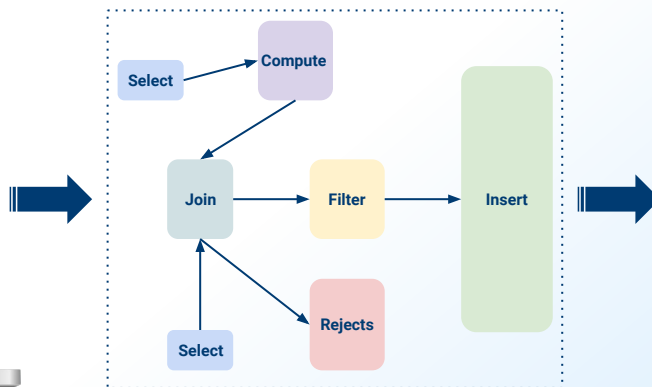


Integration Patterns

Data replication & sync with CDC support for bulk or batch, streaming, APIs and microservices



Automatic code/process generation



Native Connectors

70+ dedicated connectors and full support for any tech or data format, files, databases & web services

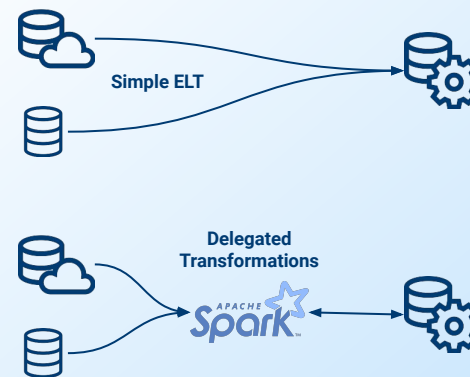


Deployment

CI/CD integration with CLI and API for scripted deployments & support for hybrid or multi-cloud

Optimized Data Flows

Scalable, decentralize ELT architecture



Monitoring & Admin

Web-based admin console to plan, configure and manage deployments with production analytics

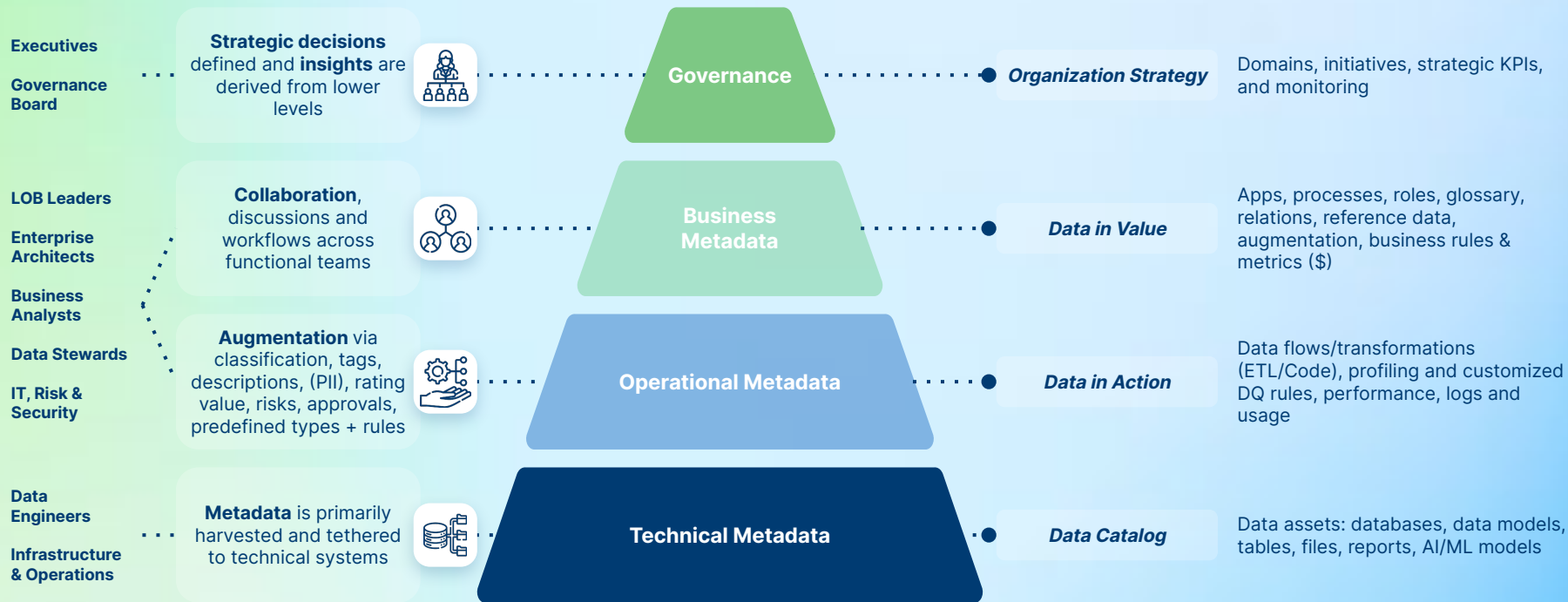


Security

SSO for secure data transfer, native secrets manager & built-in data protection capabilities

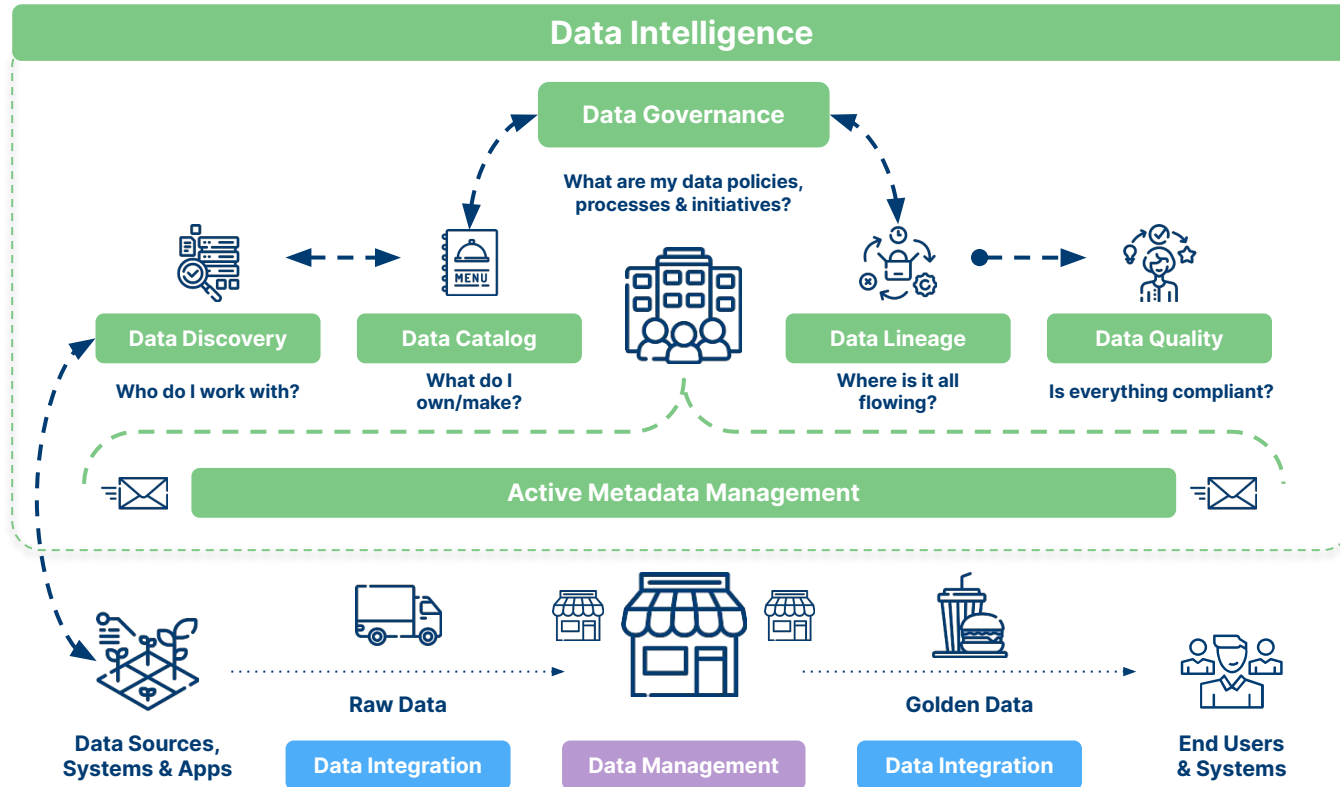
Active Metadata Enables Multi-Persona Intelligence

Actionable Intelligence for all Enterprise Stakeholders



A Perfect Fit in Semarchy Data Platform

Semarchy **Data Intelligence** empowers you to start or scale your enterprise data strategy




More Industry/Objective Use Cases

Semarchy **Data Intelligence** accelerates industry-specific and broader business initiatives

Financial Services

 Streamline regulatory & financial reporting

 Build explainable AI models and pipelines

 Deliver open banking & digital services

Healthcare/Life Science

 Proactively protect private health data

 Improve seamless & secure data sharing

 Enhance data literacy with data/biz context

Retail/Hospitality

 Deliver personalized, compliant experiences

 Reduce GDPR/CCPA risk and exposure

 Improve visibility from inventory to purchase

Manufacturing

 Improve data quality from factory to fleet

 Enhance collaboration with business partners

 Optimize operations with full data visibility

Services/Tech/Other

 Respond rapidly to evolving regulations

 Deliver trusted AI/ML capabilities & products

 Drive innovation with simplified data sharing

Initiatives



Establish D&A, AI/ML Model Governance



Accelerate Cloud & Systems Data Migrations



Streamline Compliance & Audit Management



Scale Enterprise Data Quality Initiatives



Enable Trusted, Self-Serve Analytics & Reporting



Launch Data Asset & Product Marketplaces

Semarchy Data Intelligence SaaS Architecture

Our first product in the xDM data platform fully available as SaaS

Discover & Harvest
Profile data with native harvesters for 50+ sources

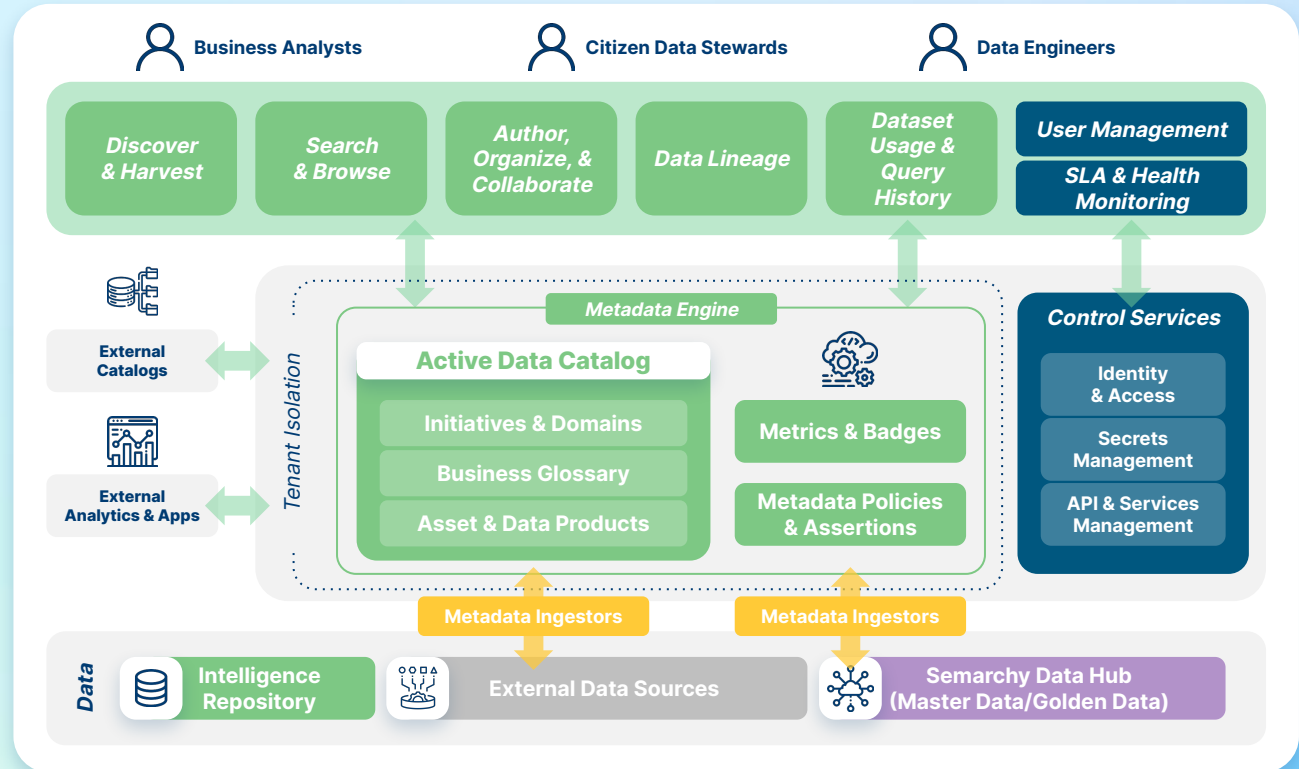
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Semarchy Data Intelligence Demo

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