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# Semarchy's Unified Data Platform

Start fast. Scale infinitely. Pragmatic Governance.



**Scott Moore**  
Director of Pre-Sales

# Meet Semarchy

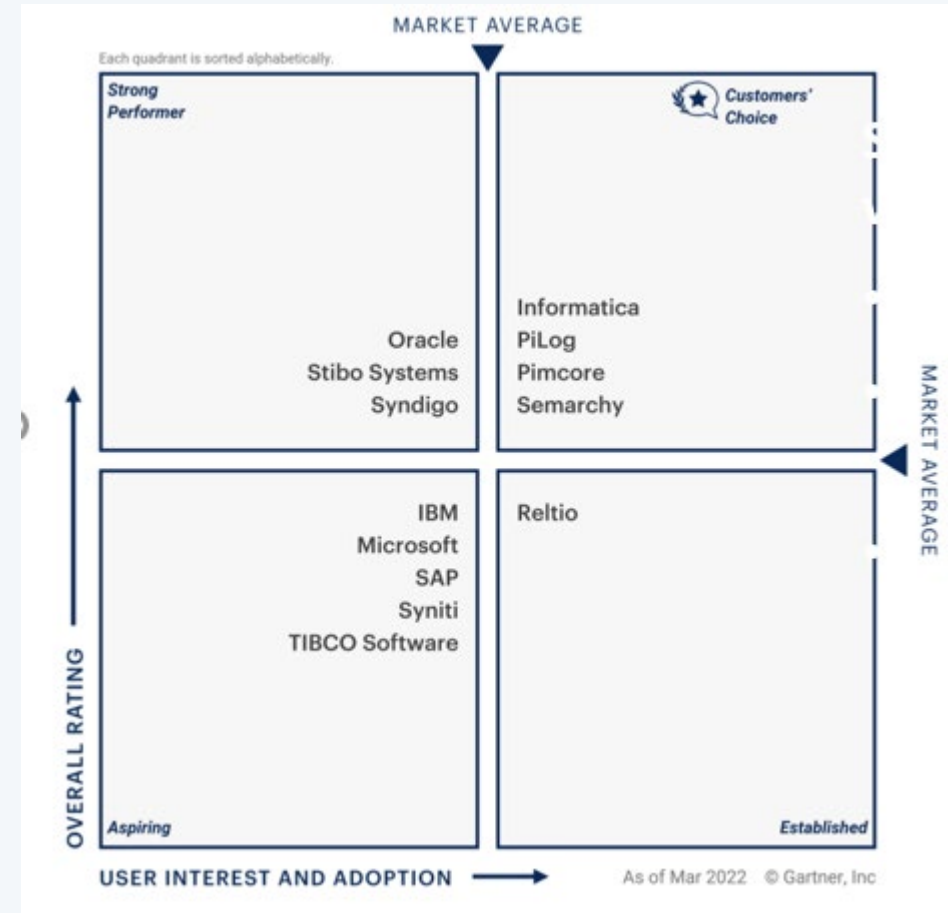
Market leader in data integration and master data management

250+ customers across verticals with global coverage

High growth with backing from premiere Private Equity partner, Providence Strategic Growth

Leader in the 2021 Q4 Gartner® Magic Quadrant™ for Master Data Management Solutions

2022 Gartner® Peer Insights™ Customers' Choice for Master Data Management



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# Consistent, Proven Results for 250+ Clients

“[Semarchy’s] **Easy to use MDM** solution allows **rapid development of new features**. Changes can be implemented, reviewed, tested, and **deployed in minutes**.” - *Global Financial Services Customer*



Rapid Time-to-Value

80%

Have fully functioning MDM solution in under 10 weeks



Seamless Scalability

63%

Leverage xDM for multiple use cases and domains



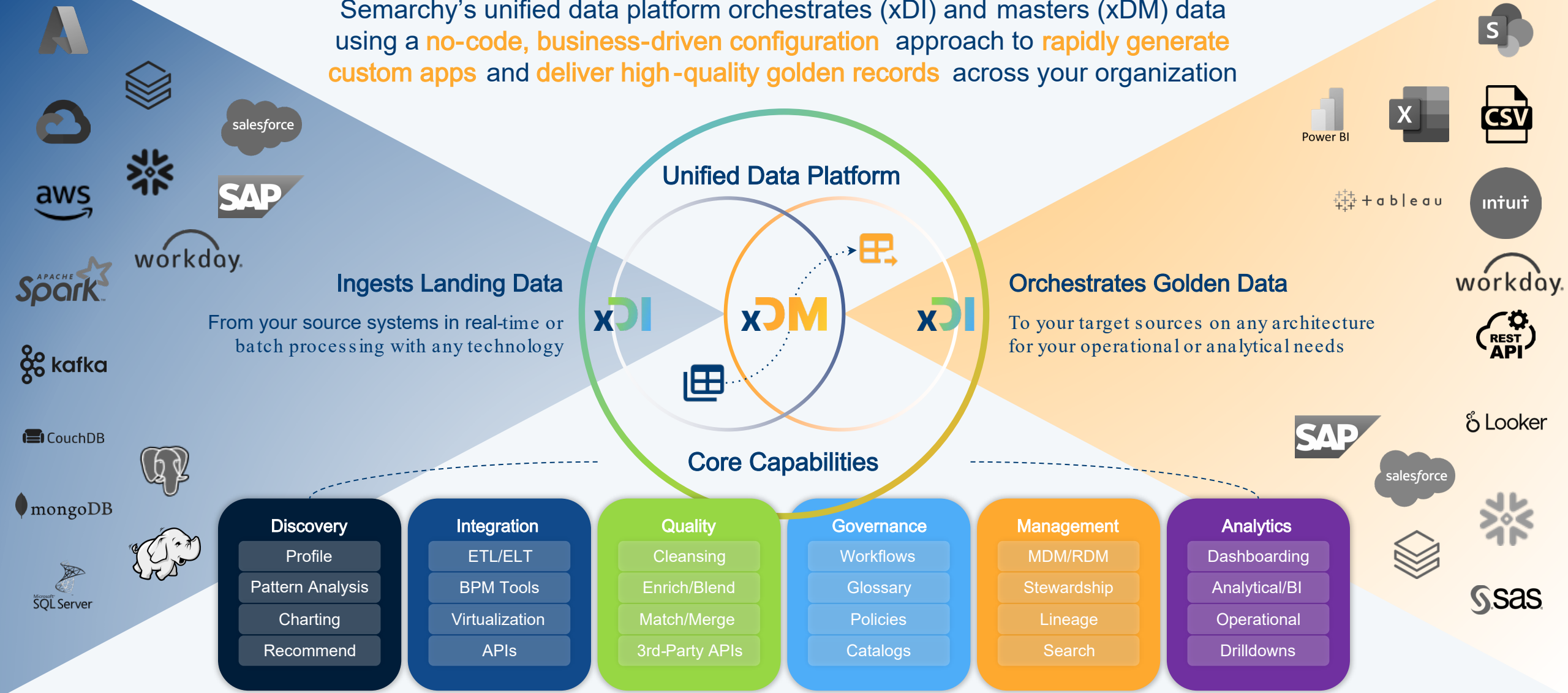
Reduced TCO

80%

Reduction in development time and maintenance costs

# Two Incredible Modules, One Unified Platform

Semarchy's unified data platform orchestrates (xDI) and masters (xDM) data using a **no-code, business-driven configuration** approach to **rapidly generate custom apps** and **deliver high-quality golden records** across your organization



**Ingests Landing Data**  
From your source systems in real-time or batch processing with any technology

**Orchestrates Golden Data**  
To your target sources on any architecture for your operational or analytical needs

- Core Capabilities**
- Discovery**
    - Profile
    - Pattern Analysis
    - Charting
    - Recommend
  - Integration**
    - ETL/ELT
    - BPM Tools
    - Virtualization
    - APIs
  - Quality**
    - Cleansing
    - Enrich/Blend
    - Match/Merge
    - 3rd-Party APIs
  - Governance**
    - Workflows
    - Glossary
    - Policies
    - Catalogs
  - Management**
    - MDM/RDM
    - Stewardship
    - Lineage
    - Search
  - Analytics**
    - Dashboarding
    - Analytical/BI
    - Operational
    - Drilldowns

Deploy anywhere: on-prem, cloud or hybrid

# Semarchy xDI – Overview

Data Integration Module

# Semarchy xDI

Universal Mapping

ETL/ELT

70+ Connectors

Evolutive Templates

Data quality

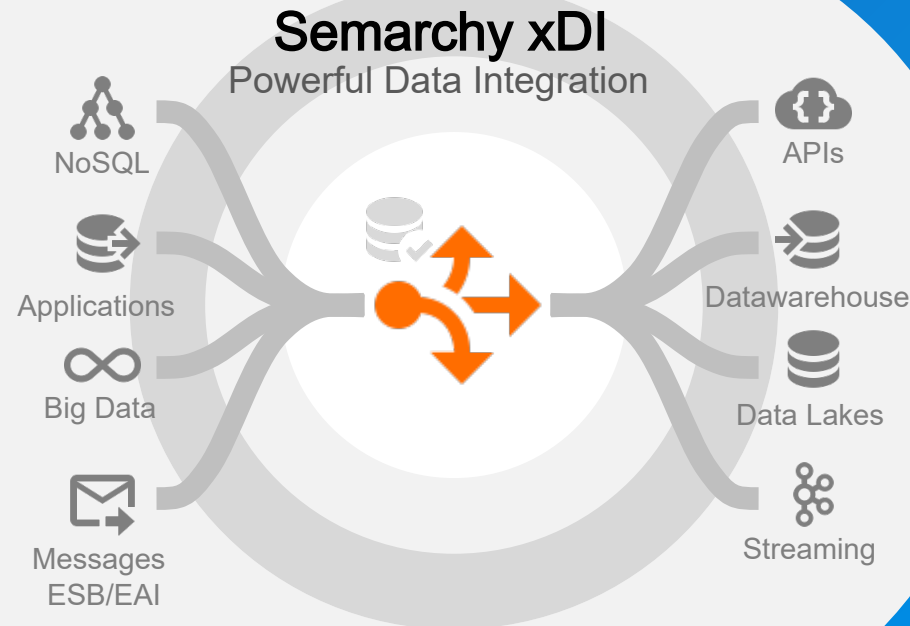
Data Protection & Sampling

Streaming and NoSQL

APIs & Data Services

Extensible to the Semarchy xDM

- Data Governance
- Master Data Management



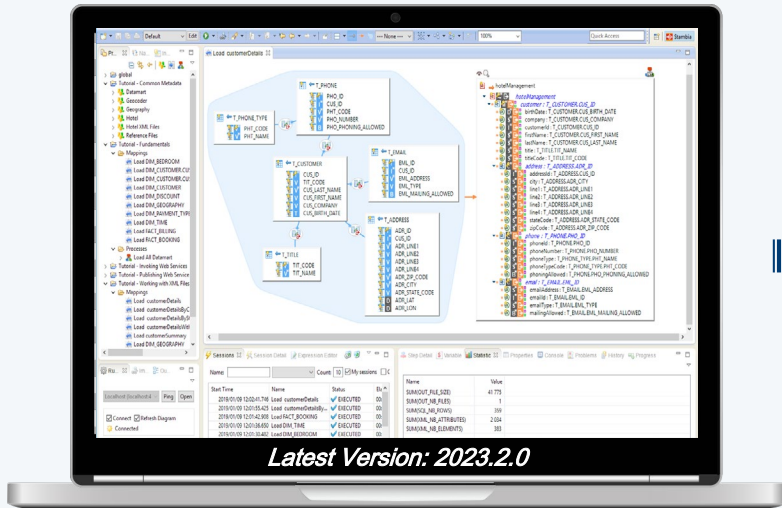
Semarchy xDI is a high-performance, agile and extensible data integration platform supporting any integration style and use case.

- **Traditional and Modern BI**  
BI, data warehouses, data lakes, big data, NoSQL
- **Application integration**  
ESB/EAI, Kafka, messages
- **Cloud Migrations**  
AWS, Azure, GCP, Big Query, Snowflake, etc.
- **Data Services**
- **Data Anonymization**

# xDI Module Overview & Core Features

## Low-Code Universal Mapping

Intuitive, business-oriented design



### 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



### 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



### Monitoring & Admin

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

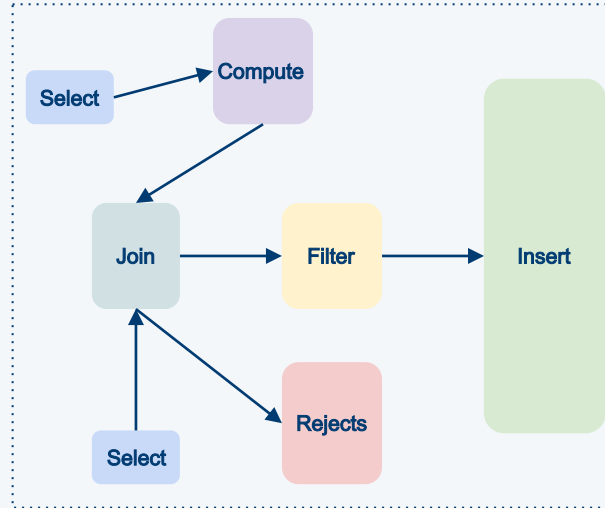


### Security

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

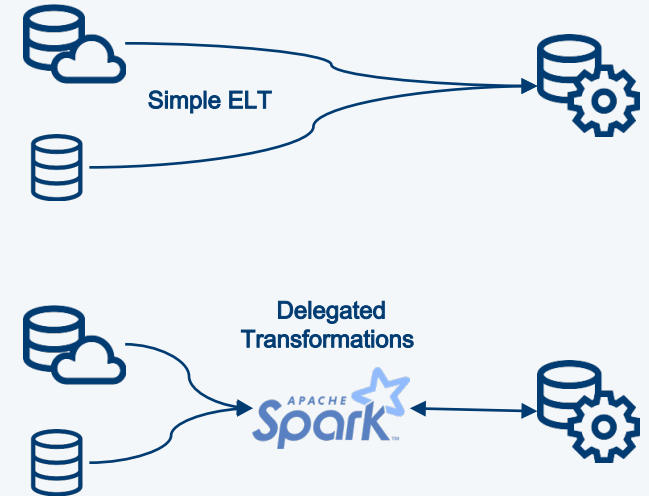


Automatic code/process generation



## Optimized Data Flows

Scalable, decentralize ELT architecture













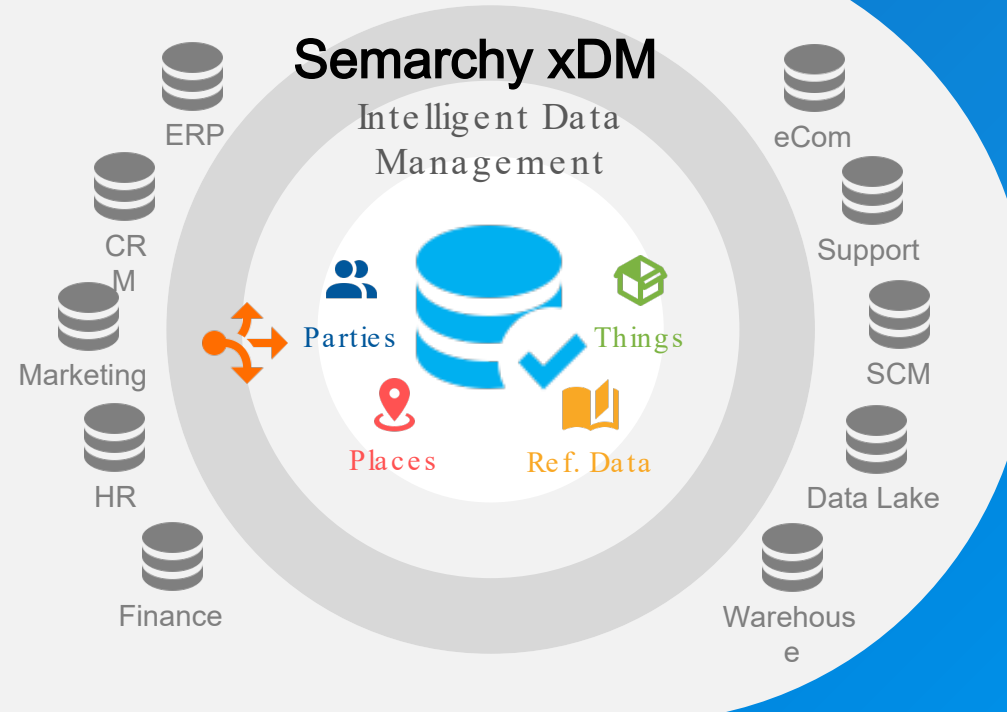
# Semarchy xDM – Overview

(Master) Data Management & Governance Module



# Semarchy xDM

 Profiling	 Data Apps
 Data quality	 Workflows
 Enrichment	 Dashboards
 Match / merge	 APIs & Services
 Data providers	 Data Integration



**Semarchy xDM** brings together information that lives across applications such that it can be governed, mastered and managed in a centrally understood, non-disruptive way.

- Data Management & Hub
- Master/Reference Data
- Governance
- Compliance
- Application Migration

# xDM Module Overview & Core Features

## No-Code Design Interfaces

Intuitive, business-oriented experience



Automatic code/process/UI generation

## Business-Ready Data Apps

Master any data challenge anywhere



### Discovery

Rapidly profile data sources, assess patterns & quality



### App Builder

Define data models, DQ/business rules, & user interfaces



### Dashboard Builder

Design charts from blended operational & analytical data sources



### Configuration

Roles, permissions, data sources, logs, plugins, APIs etc.



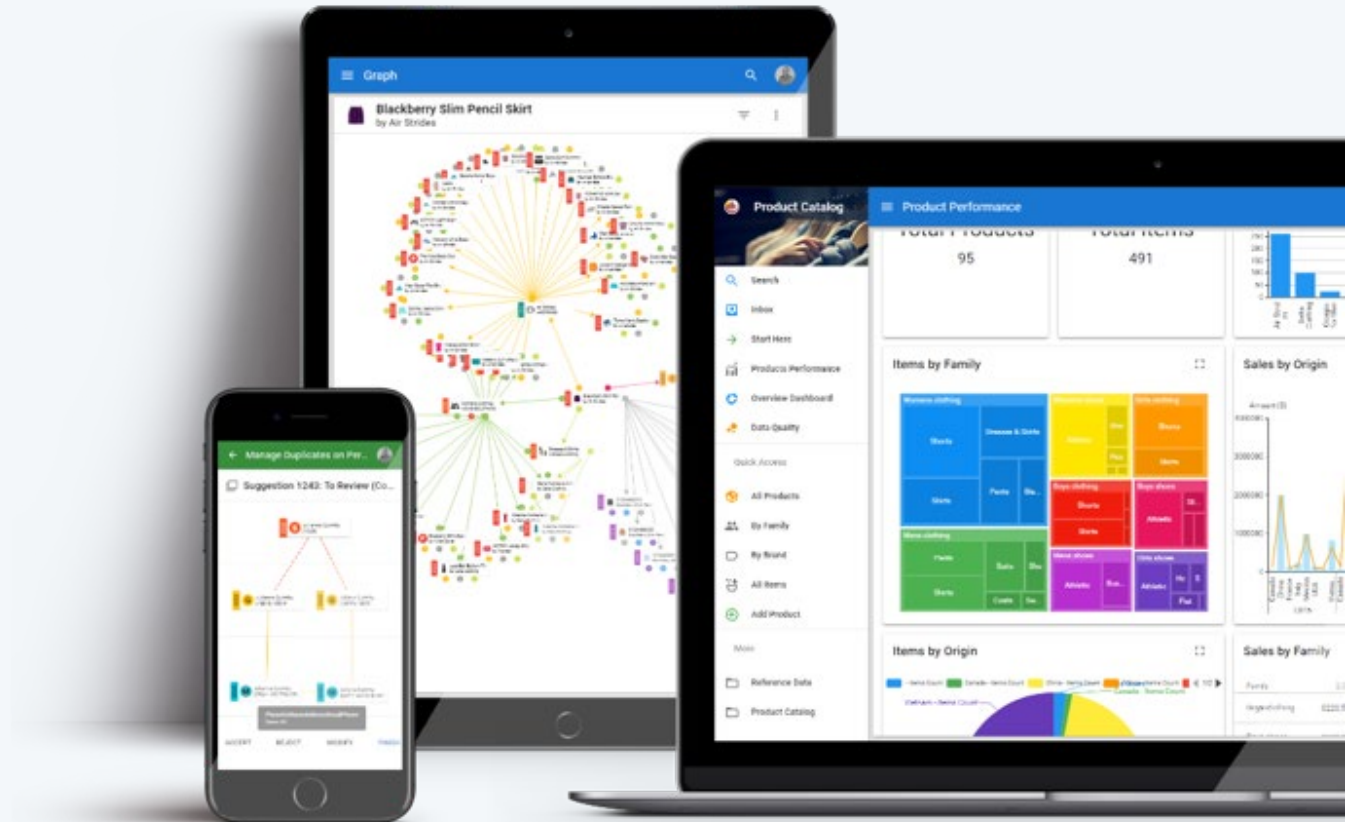
### REST API

Auto-generated API documentation for programmatic use



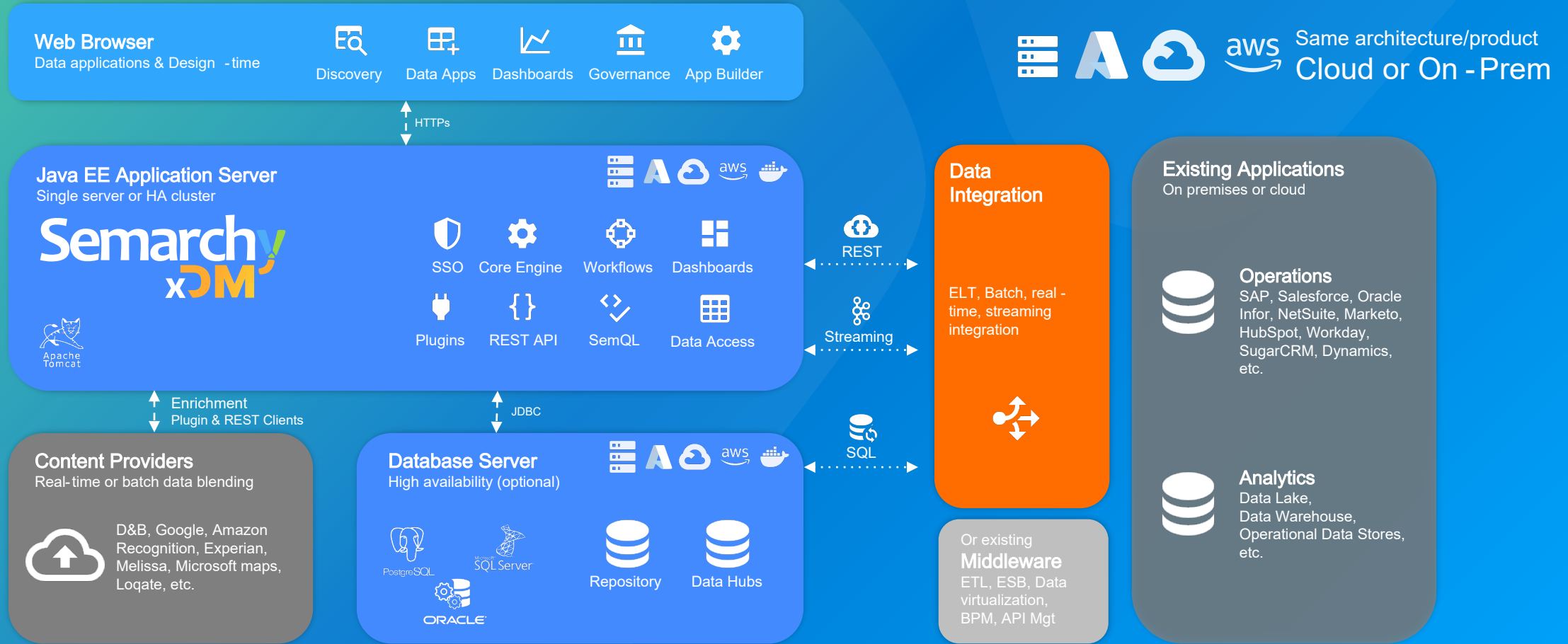
### Workflow Builder

Design end-to-end data-driven workflows with task automation



Latest Version: 2023.2.0

# Architecture – Simple, robust, scalable



# Semarchy Use Case: Shake Shack- Gaining Control of Location Data

“What we liked about Semarchy – it involves relatively **low overhead** to get started..it is very **lightweight** , has a really **nice interface** , is very **intuitive and user friendly** . Most importantly, it can **scale with us as we continue to grow** . It is pretty **customizable** and can be tailored to fit our needs.” - Director of Data Services, Shake Shack



## Business Challenges

- Disparate data sources
- Lack of data insights
- High operational costs
- Data governance



## Semarchy's Impact

- Centralized data hub
- “Business -friendly” dashboards for better insights
- Eliminated redundancy costs
- Increased data quality & governance



## Real-life Results

- **Implemented 1 FTE in just 4 weeks!!**
- Integrated data across POS and ERP
- Leveraged existing technology with AWS, Snowflake, and Talend

# Semarchy Demo

# Thank You!

Getting Started with Semarchy

Visit us at [www.semarchy.com](http://www.semarchy.com) to get started and don't forget to follow us on LinkedIn & Twitter!



## Customized Demo

We can tailor xDM and xDI demos based on your unique use cases, industry, and needs.



## ROI Assessment

Using our industry-standard calculator, we can determine the ROI of using Semarchy



## Tutorials

xDM and xDI tutorials are readily available for you to download on our website



## Documentation & Resources

Access xDM & xDI release notes, best practices, and additional information

