



# Semarchy xDM to snowflake Connector

## Accelerate Your Cloud Data Warehouse Operability

Rapidly leverage Snowflake with your data hub in weeks, not months using Semarchy xDM's native connector - a Snowflake Ready solution.



**Operationalize Snowflake data in weeks, not months**

Connecting Snowflake's data warehouse to xDM is often challenging and requires extensive IT resources and development effort. We'll accelerate the deployment of your first cloud warehouse data in/out of xDM.

**Optimize TCO without compromising performance**

xDM's native Snowflake connector simplifies the complete integration lifecycle from design to maintenance. Its high-performance ELT architecture orchestrates near-unlimited data volumes without increasing integration overhead.

**World-class support and delivery for your business**

From initiative to implementation, our highly-accoladed customer success and technical services team will help you accelerate the deployment of your Snowflake data into xDM, and deliver value to your stakeholders.

# Why Use the xDM to Snowflake Connector | Benefits & TCO

With xDM's rapid time-to-value approach, you can have your own multi-domain data hub connected with Snowflake's data warehouse in a few weeks. No more worrying about the challenges and costs of discovering, connecting, and maintaining Snowflake data into xDM - our native connector simplifies this.

	 With xDM to Snowflake Connector	 Without xDM to Snowflake Connector
 Production-ready data hub with Snowflake data	A few weeks (sometimes days)	A few months (often more)
 Deployment complexity	Simple, non-intrusive	Challenging, intrusive
 Supports multiple storage, technology and file types	Yes	Depends on solution/vendor
 FTEs required to deploy	One or two resources	Cross-functional teams
 Ongoing maintenance effort	Minimal	Extensive
 Scalability	Unlimited data flows, no performance impact	Depends on solution/vendor
 Long-term TCO	Predictable (single xDM subscription add-on price)	Unpredictable (likely consumption-based)

# What Database, Technology & Storage Options are Supported?

xDM's native Snowflake connector has the ability to read and write data from a variety of different technologies, file formats, and storage options. All it takes is a one-time metadata configuration to get started.

Relational Databases	Oracle, PostgreSQL, MSSQL
NoSQL Databases	MongoDB, Couchbase, Cassandra
Big Data	Hadoop, Spark
Applications	Salesforce, SAP
Storage	Snowflake Internal Stage, Amazon S3, Azure Blob Storage, Apache HDFS
Files	Parquet, JSON, XML, Excel, CSV



# xDM to Snowflake Connector's Overview & Features

## What is the xDM to Snowflake Connector?

xDM's native Snowflake Connector, validated by a third-party to ensure optimized functionality and performance, is an add-on to the xDM subscription that rapidly connects the cloud data warehouse data to xDM. It leverages a low-code, universal mapping design approach to reduce the configuration and management efforts of technical teams to deploy any Snowflake integrations.

## What are its main features & capabilities?

xDM's native Snowflake connector supports batch and real-time integrations for the most common use cases with completely non-intrusive deployments and no disruption to your existing middleware solutions.

### Snowflake Templates

Dedicated Snowflake data transformation templates that accelerate the design and deployment of data to/from Snowflake and xDM.

### Snowpipe Support

Directly load data into Snowflake through the cloud with a dedicated RDBMS replicator.

### External Storage

Configure access to storage pointers directly in Snowflake to leverage external storage without credentials.

### JSON Deserializer

Read JSON data in a variant column to easily connect unstructured/semi-structured data.

### Low-Code Design

Simplified, universal mapping GUI to configure Snowflake data flows between xDM.

**Reversing Metadata**

Automatically reverse Snowflake database structures and expose dedicated metadata for mappings.

**DDL/DML Operations**

Perform Insert, Update, Upsert, Select, Delete, Create, and Drop functions to xDM from Snowflake database.

**Integration/ Load Methods**

Supports Append and Incremental Update, Generic Load, Snowflake COPY statements or Snowpipe.

**Staging Methods**

Leverage databases for staging as subquery, view, or table to make data transformations, mutualizations and more.

**Rejects Management**

Define Snowflake data rejection rules to filter or detect non-compliant data rules as Fatal, Warning or Reject.

**Replication/ Syncing**

Easily replicate databases from any RDBMS, flat files, or XML with Snowpipe support.

**Slowly Changing Dimensions (SCD)**

Perform integrations using SCD for overwriting, inserting new rows, or attribute columns.

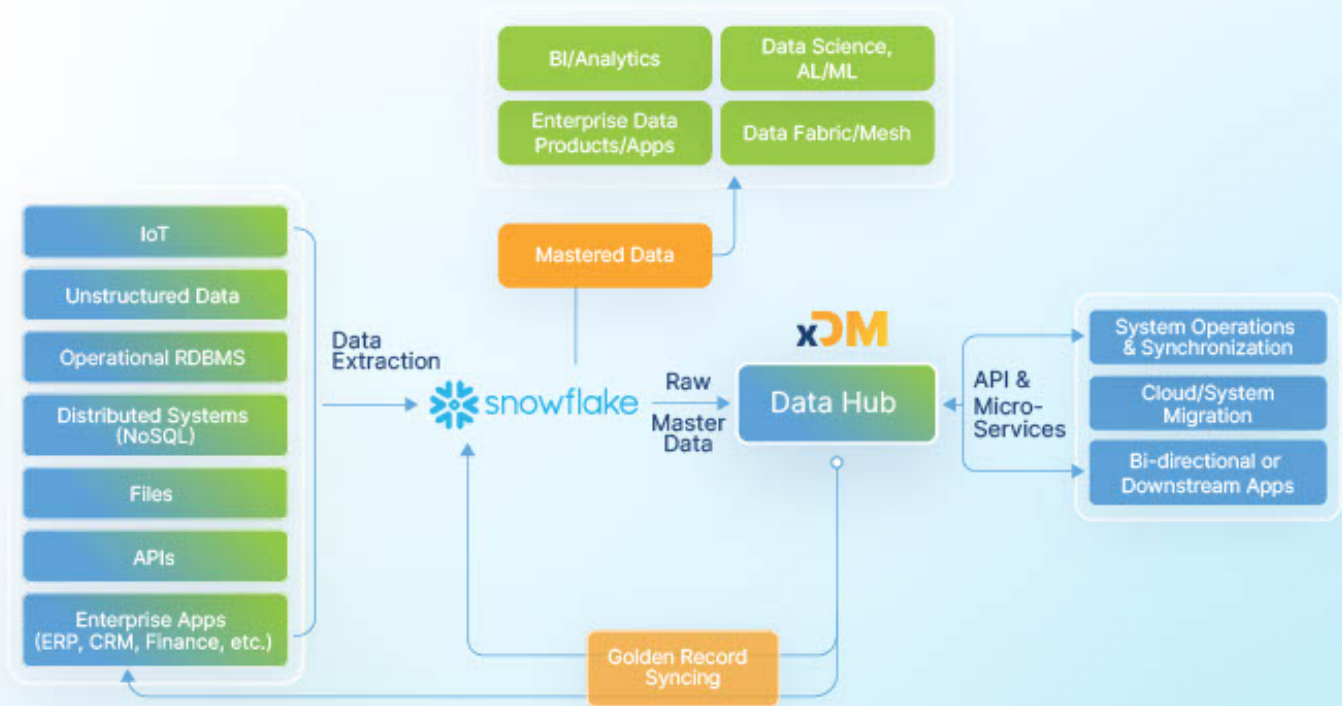
**Production Analytics**

Monitor the deployment, configuration, and planning of Snowflake integration jobs in xDM.

**Deployment Automation**

Production Snowflake data flows can be automated with CI/CD and DevOps tools/processes.

# One Connector, Unlimited Possibilities



## Want to Learn More About xDM's Native Snowflake Connector?

Let's help you rapidly connect your Snowflake data with xDM in weeks, not months.

[Book a Demo](#)

[Learn More](#)