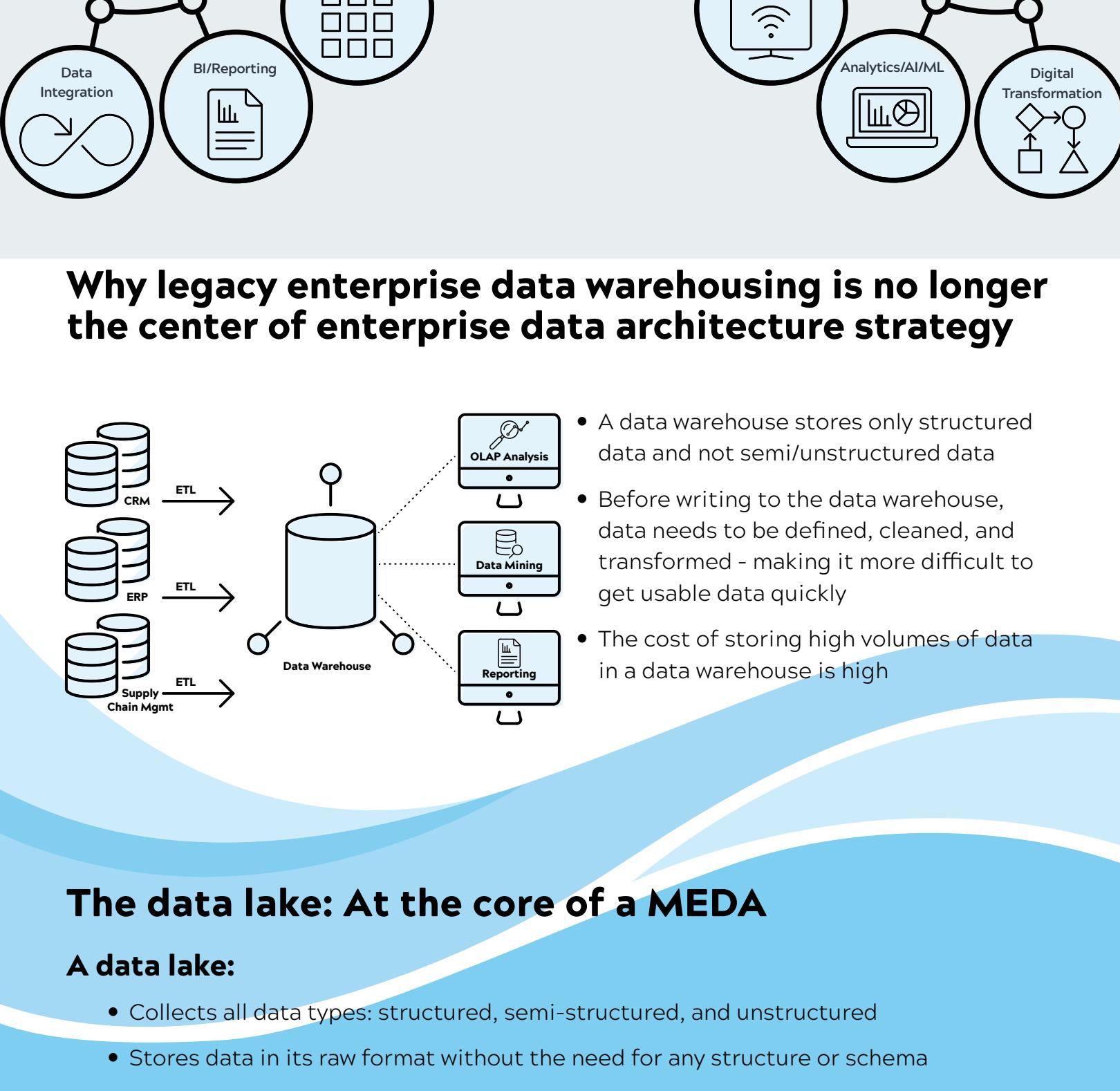


Data Lakes in Modern Data Architecture

Enterprises are on a journey to the cloud

It's time for enterprises to consider their data strategy as a corporate data-as-a-service (DaaS) offering. Only then can they ensure high levels of SLA, governance, accuracy, and availability for what their organizations need for both today and the unknowns of tomorrow. Welcome to the Modern Enterprise Data Architecture (MEDA).

MEDA: Bridging the gap between traditional and modern architecture



Why legacy enterprise data warehousing is no longer the center of enterprise data architecture strategy

- A data warehouse stores only structured data and not semi/unstructured data

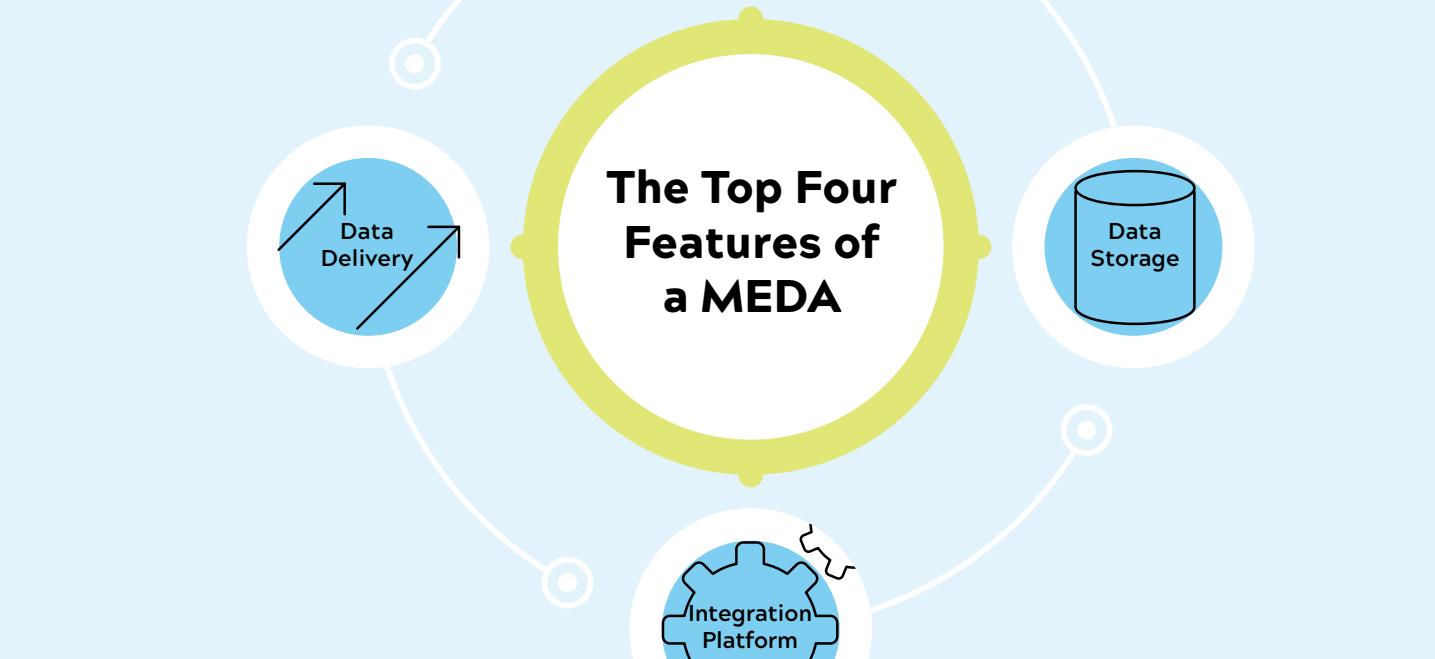
• Before writing to the data warehouse, data needs to be defined, cleaned, and transformed - making it more difficult to get usable data quickly

• The cost of storing high volumes of data in a data warehouse is high

The data lake: At the core of a MEDA

A data lake:

- Collects all data types: structured, semi-structured, and unstructured
- Stores data in its raw format without the need for any structure or schema
- Doesn't need data structure to be defined when being captured, only when read
- Scales well and can support larger volumes of data at a cheaper price
- Allows data to be stored from relational sources (like databases) and from non-relational sources (IoT devices, social media, etc.) without ETL, making it available for analysis much faster



The enterprise data warehouse (EDW) is no longer the centerpiece of an enterprise's data architecture strategy. The EDW remains a mission critical component in a company's overall MEDA, but it should now be viewed as a "downstream application;" a destination, but not the center of your data universe.

The Top Four Features of a MEDA:

The Top Four Features of a MEDA

The Data Cycle

Data Delivery

Data Storage

Integration Platform

Download the complete White Paper - Easing the pain of big data: The Modern Enterprise Data Architecture (MEDA)

SnapLogic - Integration for Modern Data Architecture

SnapLogic is the only cloud-native iPaaS platform that supports all of the necessary application and data functionality a Modern Enterprise Data Architecture requires. SnapLogic does all of this and more while providing advanced functionality and self-service for IT teams and professional integrators – enabling enterprises to respond quickly to ever-changing business requirements.

To learn more, request a demo at snaplogic.com/demo.