

# Modernize Your Data Warehouse for a Digital First World

Connect hybrid and multicloud data to scale stream processing and power new real time analytics

## The Value of Data Warehouse Modernization

Businesses large and small are realizing the value and the many advantages of data warehouse modernization including the ability to quickly meet changing business requirements, improve performance with support for new data sources while rapidly iterating new solutions.

### Accelerate and Simplify Cloud Migration

Link on-prem and cloud for easier data movement across environments with real event streaming to *start migrating immediately*.

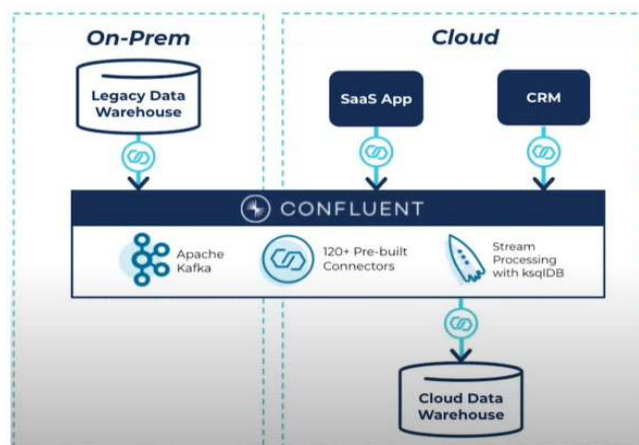
### Reduce Total Cost of Ownership

Process data in flight and use a fully managed service to *lower cloud data warehouse costs* and overall pipeline cost of ownership.

### Connect All Distributed Data

*Break data silos* and easily connect your data warehouse sources and sinks using pre-built connectors.

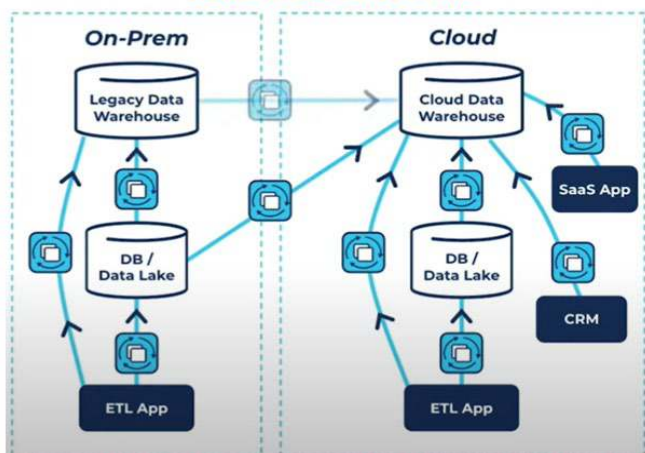
## Real-time Connections and Streams



## The Complexity of Data Warehouse Modernization

While modernization offers great value to your business, there are many challenges to the success of your data warehouse modernization. These range from lack of process agility to skills gaps in both the business and IT coupled with weak data governance and little or no executive-level support.

## Batch Jobs and APIs



### Time and Resource Intensive

*Slow to load new data into the cloud data warehouse and manage data pipelines* across on-prem cloud distributed systems across environments.

### Scaling Costs

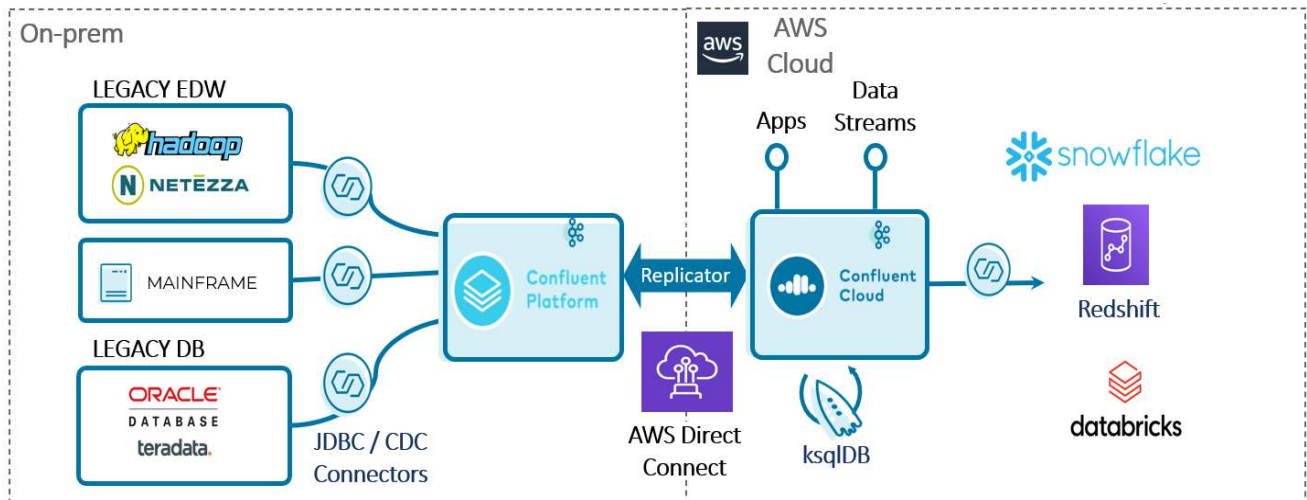
*Costly to process and scrub high volume of data* in the cloud data warehouse and may require intermediary system of database for pre-processing.

### Data Silos Across Environments

*Difficulties with integrating multiple data silos* with a variety of models and schemas to feed into the cloud data warehouse.

# The CTI and Confluent Data Warehouse Modernization Solution Overview

Modernizing your data warehouse and moving to the cloud doesn't need to be a multi-year lift-and-shift.



Reduce the TCO of hybrid and multicloud data pipelines powering real time ETL for your data warehouse

Unlock next gen event streaming at cloud scale to power new analytics and apps

Connect to any app or data, no matter where it lives, to get more data to and from your DW

## CTI Data Warehouse Modernization Services

ASSESS	DESIGN	IMPLEMENT	MANAGE
Assess business and technical objectives	Develop a reference architecture	Deploy Platform Technology Stack	Migrate and Upgrade from Legacy Systems
Present findings and best practice recommendations	Map connections with producers and consumer of data and verify access	Connect data Sources and automated data curation, flow and governance	Improve performance for consumers and demand spikes
Scalability and high availability recommendations	Determine data integration, delivery and curation requirements	Develop use case Specific analytics, Data Science and M/L to meet Business requirements	Work with all data owners and consumers to reduce user adoption time

**The Journey to Creating Value with a Modern Data Warehouse**

### Why CTI

We are a Confluent Premier Consulting and SI Partner. We are experts in Data and Analytic platforms. We are widely sought out for our expertise in Confluent as well as in cloud data architectures, data curation approaches, lifecycle analytics models with a deep fluency in the use cases that drive modernization. We collaborate with our clients and partners in the delivery of advisory and implementation services that accelerate business value through digital transformation and modernization.