

FAST, CONTINUOUS DATA REPLICATION FOR DATA CONSOLIDATION INTO SNOWFLAKE WITH HVR

Deliver fresh and accurate data to business users for real-time analysis



MULTI-CLOUD

Snowflake and HVR support all three major cloud platforms: Amazon Web Services, Microsoft Azure, and Google Cloud Platform.



SCALE AND INSTANT ELASTICITY

You can scale up and scale out cloud resources within seconds.



EASY-TO-USE AUTOMATION

HVR takes the friction out of loading and streaming large volumes of data to Snowflake.



FAST, CONTINUOUS DATA AVAILABILITY

HVR's log-based CDC capability delivers the freshest data to Snowflake, enabling quicker decisions to be made on more-current and more-accurate, transactionally consistent data.



DATA VALIDATION AND COMPARISON

Create trust in your data. HVR's Live Data Compare feature ensures that data is accurate and in sync, taking in-flight changes into account.



BROAD PLATFORM SUPPORT

HVR enables data consolidation from traditional and cloud databases, mission-critical enterprise applications, data warehouses, data lakes, and more.



ADVANCED ANALYTICS AND DATA SCIENCE

Write granular changes, perform soft deletes, and support Type 2 Slowly Changing Dimensions (SCDs) for advanced analytics, data science, and discovery.

UNLOCK DATA FROM MULTIPLE ON-PREMISES AND CLOUD TECHNOLOGIES

HVR's real-time cloud data replication solution paired with Snowflake unlocks data in complex environments (including SAP and other on-premises technologies), enabling real-time data updates, data access, and analysis. With broad platform support from a number of data sources paired, HVR's log-based CDC feature moves changes as they happen, reducing the load on the source system and providing the freshest set of data for business users. HVR paired with the Snowflake Data Cloud enables business users to access data via Snowflake Secure Data Sharing and Snowflake Data Marketplace.

SCALE ACROSS LARGE VOLUMES OF DATA

Built for the cloud, HVR provides a comprehensive solution for data integration. Its high-performance architecture enables terabytes of low-impact, high-volume data movement with log-based CDC and built-in custom compression. HVR securely routes data directly to Snowflake, supporting internal staging and creating optimal data throughput. With end-to-end encryption, data is also routed through a firewall proxy to mitigate vulnerabilities.

CREATE AN ACCURATE AND COMPLETE SOURCE OF TRUTH

Unite data and ensure accuracy across your business, suppliers, partners, and more with HVR and Snowflake. HVR offers a live data comparison feature to validate changes down to the byte to ensure databases are in sync. Snowflake's platform enables the separation of storage from compute to support one copy of data used by multiple workloads. Further, with Snowflake's Data Cloud, companies can access data shared between business units, companies, and third-party providers. With HVR and Snowflake, you can remove the complexities of data movement and focus on the data your business needs.

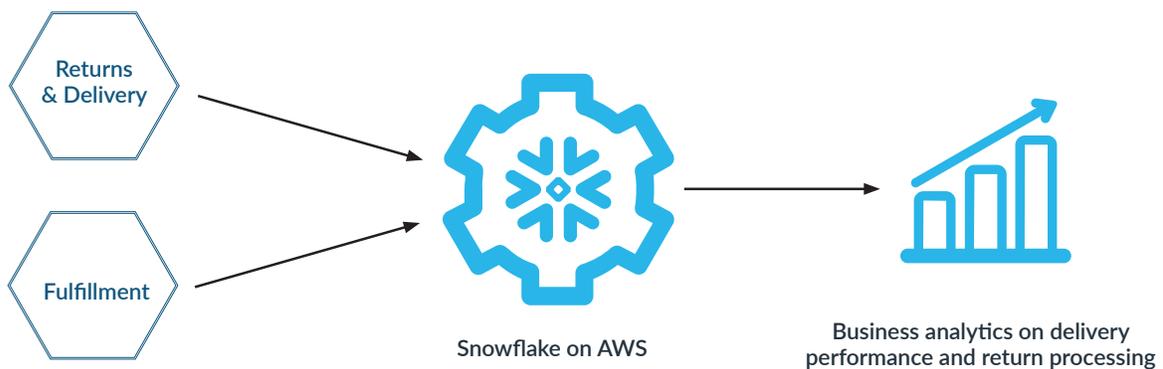
How Pitney Bowes Consolidated Operations Data for Timely and Cost-Effective Predictive Analytics

CHALLENGE

To predict performance and quickly address errors, Pitney Bowes needed to convert a daily ETL batch feed to real time while consolidating data from multiple on-premises data sources into Snowflake on AWS.

SOLUTION

HVR replicates and validates data in real time into Snowflake on AWS to power multiple operational dashboards for customer-facing information. Data is extracted and synced from multiple on-premises data sources to track parcel delivery and fulfillment. Additionally, the Commerce Services team loads Salesforce data into Snowflake for critical financial reports and other reporting.



RESULTS

Single source of truth, from batch ETL to real time: With HVR and Snowflake, Pitney Bowes consolidates all its data from on-premises and other technologies and uses the Live Data Compare feature to check for accuracy and synchronization. Using a single copy of the data in Snowflake’s Data Cloud, the enterprise can work with a single source of truth across all workloads.

Faster processing times: HVR and Snowflake on AWS provide the Commerce Services team significantly faster processing times. With the previous ETL solution, jobs took days. Now, with Snowflake’s elastic scalability and HVR, replication occurs in real time and jobs are completed in minutes.

Predictive analytics reduce costs: Data is used to provide real-time modeling for predictive analytics, including staffing needs, allowing Pitney Bowes to significantly reduce labor costs.

ABOUT SNOWFLAKE

Snowflake delivers the Data Cloud—a global network where thousands of organizations mobilize data with near-unlimited scale, concurrency, and performance. Inside the Data Cloud, organizations unite their siloed data, easily discover and securely share governed data, and execute diverse analytic workloads. Wherever data or users live, Snowflake delivers a single and seamless experience across multiple public clouds. Join Snowflake customers, partners, and data providers already taking their businesses to new frontiers in the Data Cloud. [Snowflake.com](https://www.snowflake.com).

ABOUT HVR

HVR provides a real-time cloud data replication solution that supports enterprise modernization efforts. The HVR platform is a reliable, secure, and scalable way to quickly and efficiently integrate large data volumes in complex environments, enabling real-time data updates, access, and analysis. Global market leaders in a variety of industries trust HVR to address their real-time data integration challenges and revolutionize their businesses.

HVR is a privately held company based in San Francisco, with offices across North America, Europe, and Asia. www.hvr-software.com

