

Data integration with HVR

Real-time data replication

HVR enables customers to replicate large volumes of data in real-time between data sources and targets. HVR's architecture performs log-based change data capture out of multiple data sources, including SQL databases and Hadoop as well as the most commonly used file systems, and then makes it available for real-time data replication into target systems.

The SnapLogic Intelligent Integration Platform (IIP) makes the data changes available to targets such as an analytics system, a cloud-based system, or a data lake.

Example use cases:

Seamless data replication

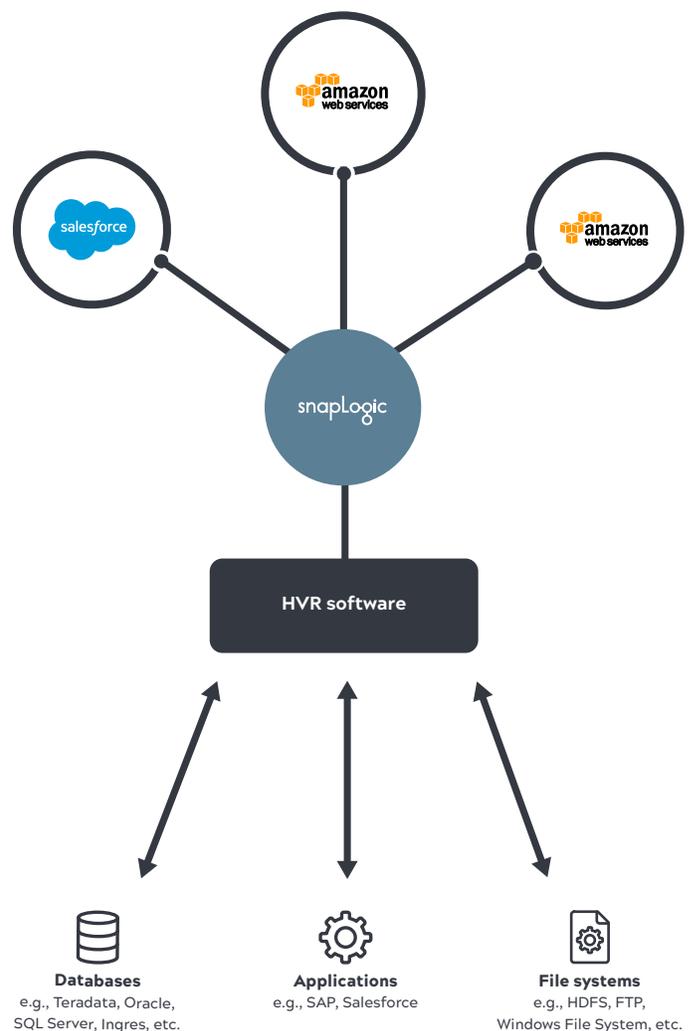
Real-time analytics - You need to replicate large volumes of data in real-time from commonly-used OLTP databases into your analytical reporting environment and keep it up-to-date.

- HVR supports log-based change data capture from Oracle, Exadata, SQL Server, DB2, and Ingres.
- SnapLogic takes the changed data from HVR Software from one or more of these data sources and replicates those data changes into target analytics applications.

Enterprise data lake - You want your data lake updated in real-time with data from any source.

- HVR supports log-based change data capture technology in HVR Software and captures changes in real-time out of relational transactional processing databases such as Oracle, SQL Server, and DB2, as well as enterprise systems such as SAP and Hadoop-based systems.
- SnapLogic takes this changed data and updates your data lake.

HVR and SnapLogic architecture



Case study: HVR

Real-time data replication with HVR and SnapLogic

For a joint biotech customer, HVR captures data changes in real-time from the database transaction logs. HVR also enriches the transaction data with additional metadata and transforms it into XML format for consumption by SnapLogic. The XML Snap from SnapLogic reads this transaction data from XML files, transforms it for consumption by the target system, and then sends it to the target system - all in near real-time.

“The combination of HVR technology and SnapLogic technology enables customers to realize their vision of real-time data replication using log-based change data from various data sources into cloud-based systems.”

► **Anthony Brooks-Williams, CEO, HVR Software**

Why SnapLogic



Unified

SnapLogic delivers a streaming architecture that supports real-time, event-based, batch, and low-latency enterprise application and IoT integration requirements, while also handling data warehouses and big data integration needs like high volume, variety, and velocity.



Modern

Unlike traditional ETL and ESB technologies, SnapLogic is purpose-built for the cloud. The elastic execution grid, or Snaplex, runs in the cloud or behind the firewall.



Productive

SnapLogic’s browser-based cloud service enables snap-and-assemble orchestrations in a drag-and-drop interface powerful enough for developers yet easy enough for “citizen integrators.” Iris AI powers the Integration Assistant, delivering expert guidance to improve the speed and quality of building a data pipeline.



Connected

The SnapLogic Intelligent Integration Platform (IIP) provides 500+ pre-built application, IoT, and data integration connectors, called Snaps. Connect SaaS apps, analytics tools, big data sources, on-premises systems, technologies like REST and SOAP, and more. Or build your own custom Snaps.

SnapLogic provides the #1 intelligent integration platform. The company’s AI-powered workflows and self-service integration capabilities make it fast and easy for organizations to manage all their application integration, data integration, and data engineering projects on a single, scalable platform. Hundreds of Global 2000 customers – including Adobe, AstraZeneca, Box, GameStop, Verizon, and Wendy’s – rely on SnapLogic to automate business processes, accelerate analytics, and drive digital transformation. Learn more at [snaplogic.com](https://www.snaplogic.com).