

## Real-Time Payments Data Replication at GlobalCollect

### Use Case



**GlobalCollect is a leading electronic payment service provider headquartered in Hoofddorp, near Amsterdam, the Netherlands. Its client base is very diverse, spanning more than 200 countries across all time zones. GlobalCollect provides an unrivalled portfolio of local payment methods for 170 currencies in 28 languages to help its customers expand their e-commerce activities.**

**Customers expect to transact business around the clock. As a result GlobalCollect requires highly reliable and scalable IT systems that include built-in redundancy and high-speed data replication.**

### 24x7 Global Payments Solution

Dependable IT systems are absolutely critical to an international payment services provider like GlobalConnect. Companies such as Apple with its iTunes service, Sony, Nike, Vodafone and KLM airlines rely on GlobalCollect services to enable customers across the world to complete transactions through the internet, over the phone or through mail orders.

Most payment service providers only offer service integration with payment acquirers. GlobalCollect does much more. Its complete offering includes contractual and technical connections to payment processors worldwide, bank account network management, matching, reporting and - in the final stage of the transaction - funds remittance.

GlobalCollect's customer base spans more than 200 countries across all time zones - and most customers expect to transact business 24x7 so GlobalCollect's systems must be available at all times. On top of that close and timely tracking of countries' currencies is essential to the international nature of GlobalCollect's payment processing business. Information has to be up-to-date and synchronized across all the company's systems.

GlobalCollect required a robust and high performance data replicator for replicating data between 14 backend Ingres databases and into an Oracle-based Operational Data Store.

### Heterogeneous Real-time Replication

GlobalCollect chose HVR for its real-time replication needs. The heterogeneous nature of the technology in conjunction with robust and reliable processing has proved to be a perfect choice for the application.

HVR was also used to upgrade the GlobalCollect's core database to a different version with minimal downtime. Users would be directed to use one database while another database was upgraded. After a successful upgrade transactions were applied to get the new version of the database back in sync following which users shifted to the new database and the process was repeated for the old version of the database.



### Customer

GlobalCollect

### Challenges

Keeping customer and currencies information up-to-date and synchronized across all the company's systems.

### Solution

HVR was chosen for moving data from the core databases out to all remaining systems in real-time.

### Benefits

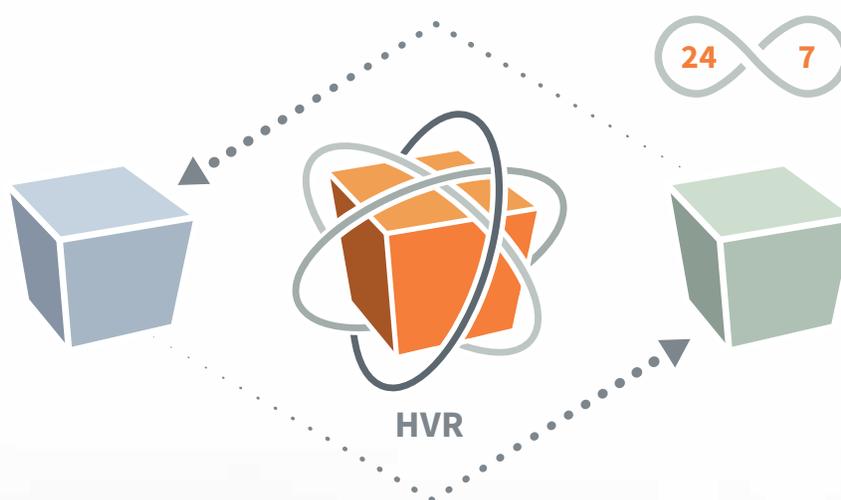
- Real-time data integration
- Robustness and scalability
- Flexibility and control
- Multi-platform support

## HVR: Efficient Processing, Easy Implementation

Replication technology is often used for real-time reporting, archiving and sometimes to create backups.

For GlobalCollect replication is also a powerful way of distribute data to multiple systems as quickly and efficiently as possible. An example is the way GlobalCollect works with international exchange rates: rates are applied to one database and immediately replicated to all other systems.

*"Every day we read new rates into the central system," explains Chris Day, GlobalCollect's IT Manager: "As soon as they are authorized they are replicated to the other systems with HVR. It is extremely quick and very efficient."*



### About HVR

At HVR, we believe it should be easy to deliver large volumes of data efficiently, reliably and at the right time into your data store of choice. Our software, the HVR High Volume Replicator, does exactly this using real-time data capture between data sources including SQL databases, Hadoop, data warehousing and business intelligence data stores as well as the most commonly used file systems.

For those organizations where real-time data replication is a mission critical process, HVR has been proven to be a reliable, secure and scalable solution by some of the largest global companies and leading government and defense organizations.

#### HVR Software US

135 Main Street, Suite 850  
San Francisco CA 94105  
USA

+1 (415) 655-6361

#### HVR Software EMEA

Daalwijkdreef 47  
1103 AD Amsterdam  
The Netherlands

+31 20 820 1570

#### HVR Software APAC

23 Adams Street  
French Forest NSW 2086  
Australia

+61 4040 81962

#### HVR Software China

2/F ShanghaiMart  
2299 Yan An Road West,  
Changning District Shanghai  
Shanghai, 20036  
People's Republic of China

+ 86 150 0066 1981

For more information, please contact us at [info@hvr-software.com](mailto:info@hvr-software.com)