CR8™ is advanced technology for **continuous, real-time data integration between source SQL and target NoSQL/SQL** data lakes.

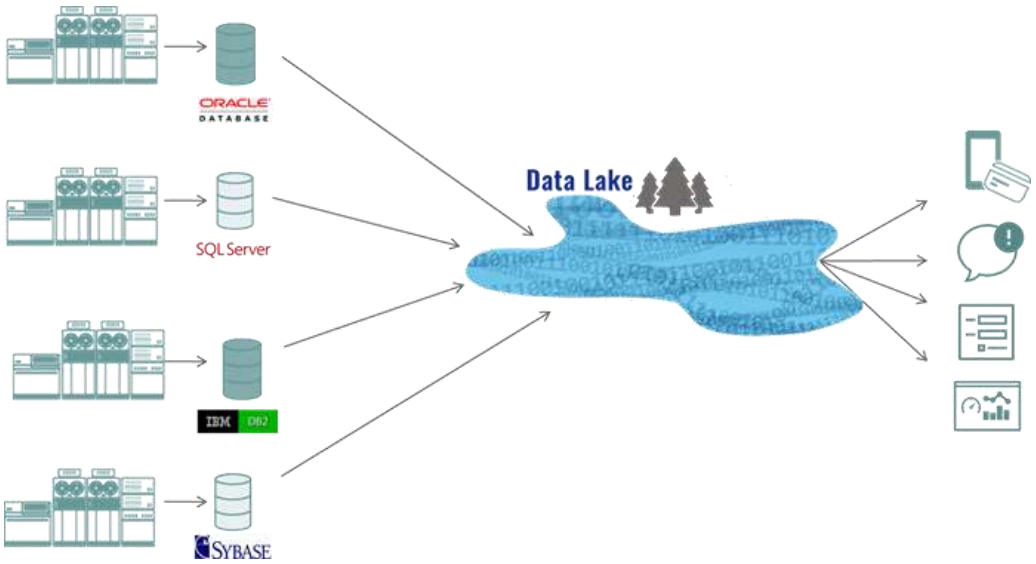
Real time Data Integration is now a necessity

Cloud, Big Data and Internet of Things (IoT), are revolutionizing the way we generate, process and store enormous amounts of data.

On the other hand, new Big Data systems are not going to replace classical SQL databases.

The majority of organizations adopt a hybrid approach where new, promising Big Data systems run side by side with existing and working relational SQL-based databases.

Continuously integrating existing relational databases with Big Data and other SQL datastores is a key to success in today's data-driven world.



101 Hebron Road, Beit Hanatziv, Jerusalem 9348001, Israel
Tel: +972-2-5799113 | Fax: +972-2-5799114 | www.dbs-h.com | hello@dbs-h.com

Leading Product Features

CR8™ captures changes from SQL database transaction logs and streams them into target NoSQL and SQL databases to be used for new mobile/web applications, real time reporting, sophisticated analytics and other uses.

CR8™ delivers the following features:

- **Continuous real time data integration** – Captures, transforms, routes, and delivers database transactions across heterogeneous database platforms with no impact on source system performance.
- **Dual work modes** – Ability to simultaneously show "current-view" state of data and a "historical-view" listing of the evolution of the data over time.
- **Enable "Analytics on the Fly"** – Sees all transactions as they are born allowing early detection of operational and business anomalies using the most modern data lake and real time analytics technologies.
- **Minimal footprint** – Sophisticated log mining without any agent installation on the source platform or special structures in the source database.
- **Plug-and-play** – Virtual appliance facilitates easy installation, setup and operation without requiring skilled personnel or programming knowledge.
- **No black boxes** – All data transfers are done through human readable, text-based outputs.

CR8™ supports SQL databases: Oracle, MSSQL Server, DB2 (z/OS), PostgreSQL, Ingres and Sybase and NoSQL databases MongoDB, Hadoop (HDFS, Hbase), Elastic and Graph DB. CR8™ also supports writing to queues such as Kafka, JMS and Tibco and to Cloud Object stores such as Amazon S3 and Google Big Query.

"Real world" Use Cases

- Top-5 US Bank – Feeds large Data Lake with real time payment information from over 40 systems. Data Lake provides direct customer access to payment status as well as predictive analytics/machine learning for proactive marketing
- Major Financial Services company – stream core business transactions to Graph database to map relations between disparate activities for Fraud detection
- Top-10 Global Energy and Power company – provide the basis for becoming a "data science" oriented organization by feeding core data, in real-time, to an Enterprise Data Platform for analysis and improved operational performance
- Top European Luxury Car manufacturer – consolidation of multi-regional data generated around the world to a central data repository for reporting and sophisticated, ad-hoc queries
- Multiple European Insurance conglomerates – combine data from multiple lines of business to create 360° customer view.

Essential Benefits

- Keeps the most important organizational asset (data) continuously integrated regardless of data source.
- Reduces IT costs with a cost-effective, minimal impact integration solution.
- Eliminates overnight ETL processing – saves processing time and license costs.
- Leverage decision-making and maximize business operations by providing up-to-date and accurate information throughout the enterprise.
- Maintain transactional integrity across disparate source and target systems

About Us

DBS-H Ltd is a dynamic technology company that develops products for continuous data integration between relational and Big Data databases.

DBS-H was founded by entrepreneurs with proven experience in the database industry. Our developers have played key roles as database professionals in a number of major data integration projects.

101 Hebron Road, Beit Hanatziv, Jerusalem 9348001, Israel
Tel: +972-2-5799113 | Fax: +972-2-5799114 | www.dbs-h.com | hello@dbs-h.com