cherry

cherry-solutions.com

Cherry CDC

Integrate your data in real-time, synchronize your systems and reduce downtime with Cherry's high-performance Change Data Capture solution.

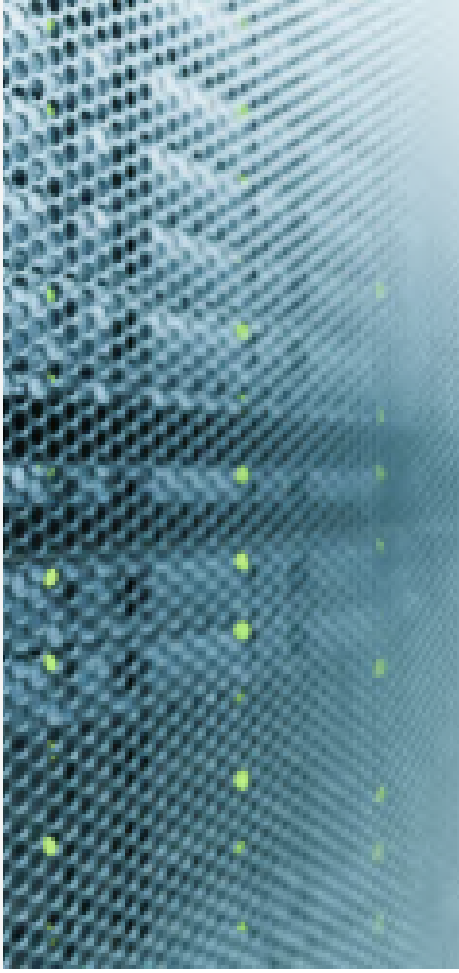
Introducing Cherry CDC

Cherry CDC is the Change Data Capture (CDC) solution preferred by South Korea's biggest corporations and major public entities, including Samsung, Hyundai, SK, LG Electronics, KT and the South Korean military.

It reliably tracks changes in your database and extracts changes from DBMS logs, minimizing source system load and maximizing performance.

Cherry CDC makes possible:

- Real-time data integration
- Synchronization of multiple systems
- Migrations or upgrades with zero downtime
- Software disaster recovery
- Active-active load balancing



Time does equal money

Newer technologies make real-time processing an easier, faster option.

There are two main strategies for integrating data:

1 Batch-based data processing that extracts data from source databases, stores and processes it as a "batch" before transferring it to the target database.

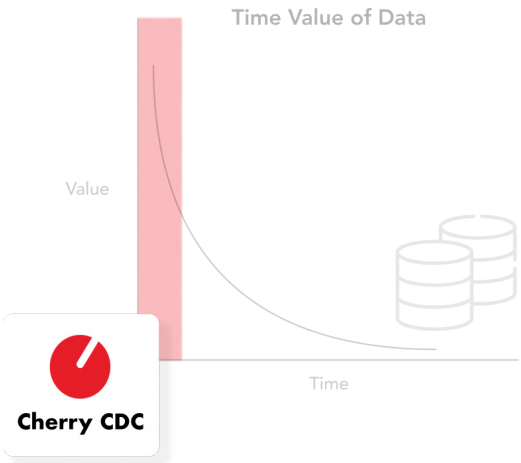
2 Real-time data processing that processes collected data in real time, as it is collected.

Newer technologies make real-time processing an easier, faster option.

3 In today's business environment, faster is not just better, it is essential.

According to the time value of data principle, information rapidly falls in value after it is created.

Faster processing of information means faster actions on it and more money saved.



A reliable, high-performance solution

Cherry CDC copies DBMS and file data from source servers to target servers in real time.

- Take advantage of integrated management and monitoring of main servers and backup servers
- Quickly restore operations when service goes down due to disasters or errors.

The solution:

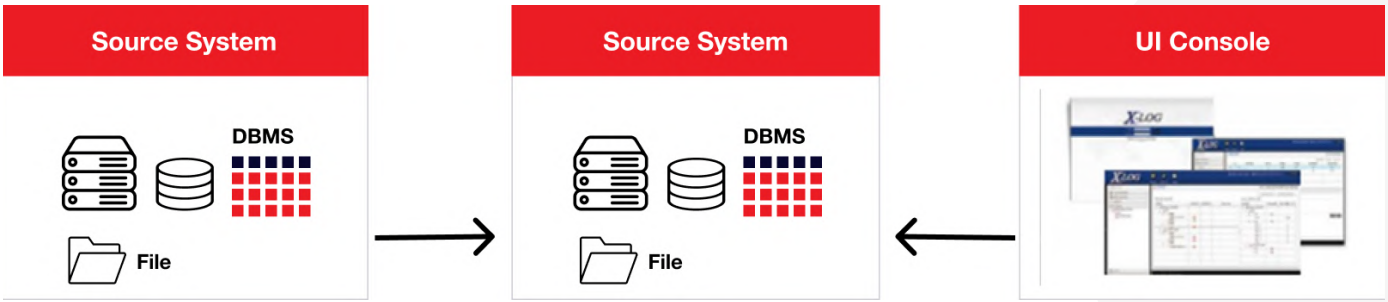
- Minimizes the impact on operational system performance by applying log-based data replication technology.
- Minimizes latency time by sending only changed transactions data to the target system.

Cherry CDC imposes no change on the operating system structure. No need to add a timestamp field for transaction times make changes to the application of table schema.

Keep using what you've got

Cherry CDC requires no changes to your existing IT environment or operations.

- The peer-to-peer architecture makes additional hardware unnecessary.
- CDC replication technology minimizes network burden.



Practical applications

You can put Cherry CDC to use a many practical ways to help your business.

Real-time Data Integration:

Easily migrate and integrate DW, ERP and CRM data in real time and replicate select data needed by other systems.

Synchronization for Multiple Systems:

Perform real-time replication of identical data between multiple systems. Source servers continue to operate, and there is automatic synchronization after recovery, even in the event of inter-system failures.

Active-Active Load Balancing:

Reduce costs and load balancing with real-time replication of queried data to shift lookup operations from high-cost mains to low-cost equipment.

Migration or Upgrade with Zero Downtime:

Minimize downtime with real-time replication for upgrades such as ERP and CRM systems, as well as for database upgrades.

S/W Disaster Recovery:

Use Cherry CDC to establish an Active-Active Disaster Recovery System. Real-time replication minimizes service disruptions.

Cherry CDC features

- Supports a wide range of DBMS, including Oracle, EDBPAS, MSSQL, MySQL, Informix and Tibero.
- Provides compressed options for sending changed data, enabling efficient use of network resources.
- Works with Oracle Flashback to extract decrypted data for encrypted columns or extracts encrypted RAW data to create and replicate optimized SQL syntax.
- Is configured through a separate daemon when archive log files are generated locally when configuring Oracle RAC and can integrate archive log files into the capture node.
- Provides data consistency verification.
- By managing checkpoints for replication point, continuous replication is performed without omission of data after recovering from system failures (server, power, disk failure, etc.) during replication
- Provides various reports of replication policies and results.
- If network failure occurs during replication, automatic reconnect between X-LOG daemons and continuous replication is performed after network normalization.
- Can extract data at a pre-defined specific time period.
- Provides a real-time monitoring window to monitor server status, running processors and other information.
- Provides a real-time monitoring window to monitor the progress rate of replication jobs.
- Provides a real-time monitoring window for DDL statements whenever they occur.
- Since Cherry CDC's management console is based on the web, it provides various customizable flexibility. Moreover, system configuration and replication results are reported in detail and fully manageable.

Get in touch with our team

info@cherry-solutions.com

www.cherry-solutions.com

Cosmo Tower, 326, Wangsimni-ro,
Seongdong-gu, Seoul, Republic of Korea