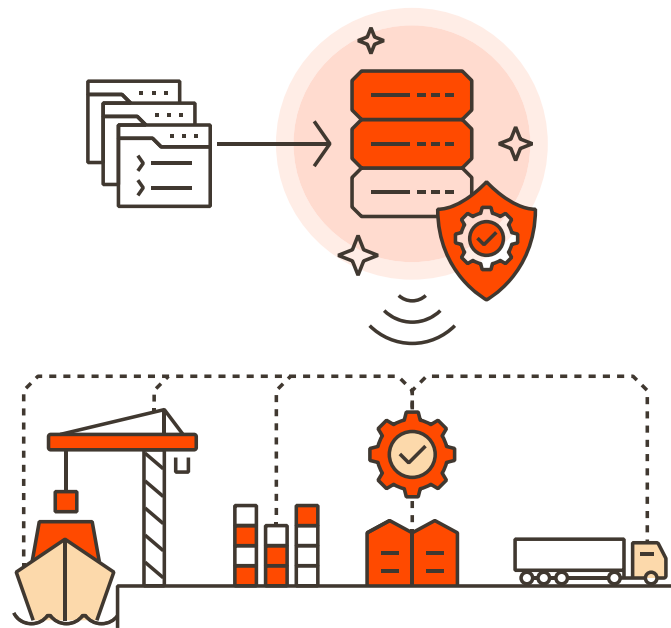


Cohesive Data Replication (CDR): Seamless Data Connectivity Across Locations Through

Reliable Data Access, Anywhere, Anytime.

Maintaining consistent data connectivity is a challenge for organizations operating across diverse geographies. The challenge multiplies when network issues, remote locations, or intermittent connectivity come into play. Besides, slow data access can disrupt operations, reduce productivity, and impact business outcomes.

Cohesive Data Replication (CDR) offers a solution by empowering organizations to distribute data from enterprise databases to remote offices and mobile users while maintaining data integrity and ensuring business continuity. Whether it's a remote site, a ship at sea, or a mobile team, CDR ensures they have access to accurate, synchronized data—even in offline conditions.



Data Connectivity Challenges for Enterprises



Inconsistent or poor connectivity at remote sites



Slow data synchronization and delayed operations



Complex network setups needing high bandwidth



Risk of data conflicts and manual intervention

How Cohesive Data Replication Simplifies Connectivity

CDR is built to make data replication across locations effortless and reliable as it allows configuring how data collisions are handled. When implemented, this versatility provides a configuration requiring no manual intervention, freeing resources to focus on their core competencies rather than data replication issues.

Flexible Site Connectivity

- Connect head offices, satellite locations, warehouses, or even individual laptops
- Customize data distribution by sharing full or partial datasets as needed

Optimized Data Sharing with Dynamic Data Slicing

- Share only the data needed at each location with patented Dynamic Data Slicing Architecture (DDSA)
- Define datasets at both schema and column levels, ensuring efficient and secure data distribution

Bandwidth-Optimized Replication

- Reduce bandwidth usage by replicating only data fragments
- Achieve up to 80% bandwidth savings, enhancing speed and efficiency

Collision Avoidance and Session Recovery

- Automatically handle data collisions based on configured rules
- Built-in recovery model for automatic data recovery, even with offline periods

Scalable Topologies for Any Network

- Supports hub-and-spoke, peer-to-peer, and cloud replication models
- Flexible scheduling to avoid network overloads and ensure seamless updates

Why Trust Cohesive for Data Replication

Unique Dynamic Data Slicing for efficient distribution

Minimizes replication size, saving bandwidth and resources

Proven global implementations across industries

Outcomes We have Delivered

US Oil & Gas Company

Achieved **80%** savings on data transmitted across **30+** remotely connected ships.

UK Life Sciences Major

Seamless data replication for ships, polar stations, aircraft, and remote teams.

South Holland Marine Firm

Enabled real-time data sharing across **40+** vessels with dynamic data access.

Get in touch

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