# ClusterReplica Duo
## for Windows 2003/XP/2000

**XLink**
Technology, Inc.

**USING YOUR EXISTING SERVERS TO FAILOVER AND REPLICATE DATA IN REAL-TIME TO EACH OTHER FOR BUSINESS CONTINUITY**

**ClusterReplica binds two Windows machines into one cluster system with automatic failover capability to ensure server 24x7 availability and disas-ter recovery.**

**ClusterReplica continuously captures the modified portion in a data file and replicates it on block-level to the Secondary station so that all data on the Secondary station are current at all times.**

**In the event that the Primary station fails or one of the monitored services fails, the Secondary station will take up the ACTIVE role to continue the server service.**

**ClusterReplica is user-friendly and cost-effective.**

### Bi-directional Failover Between Your Existing Servers While Replicate Data to Each Other in Real-time

ClusterReplica Duo is specially designed to suit small business's needs for business continuity.

Its unique feature of bi-directional Failover and real-time data replication between two servers makes it particularly beneficial to small businesses which already have the SQL server and IIS web server in place. The goal of data protection and server 24x7 availability can be realized without paying for additional machines.

Small businesses can now enjoy the most up-to-date technology and keep compatibility in the market place.

### SQL Service Active/Active Mode for Server Efficiency And Replication Only Mode For Continuous Data Protection

The Active/ Active mode of this release allows users to generate reports of database files on the Standby station without affecting the server performance.

The option of running in "replication only" mode offers real-time data replication to the binding server or a drive on itself to fully support continuous data protection.

### System Requirements

- Two Microsoft Windows systems of 2003/XP/2000 platforms
- Minimum 128 MB of RAM
- Minimum 20GB of hard disk

### Eliminate Server Down-Time To Loose No Important Data And Gain 100% Network Client Satisfactory

With the remarkable design to auto-matically configure SQL database file path for data replication, ClusterReplica Duo supports real-time, registry and data file replication. This process keeps data on the Standby station current at all times which can be used as backup for emergency data recovery. This up-to-date data is in turn the assurance for successful failover should the Primary station fails unexpectedly.

The automatic Failover and automatic Failback features of ClusterReplica Duo completely eliminates down-time of your SQL server. The small business owners and sub-division managers can now focus their attent-ion on real business issues.

### Cross Network Failover/Failback With Scheduled File Backup To Complete The Data Protection Cycle
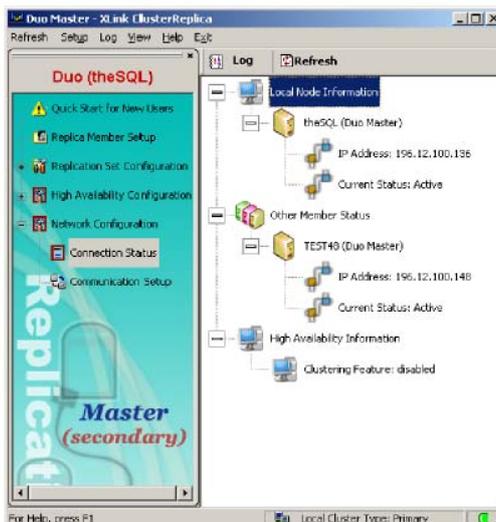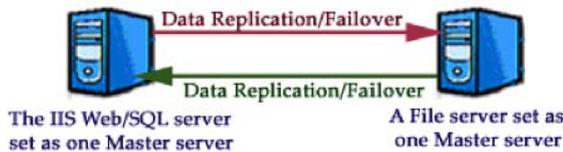
ClusterReplica Duo works over a LAN or a WAN and offers multiple selective failover configurations including Cluster Name, Cluster IP, and DNS redirections for your clients and applications.

All you data are further protected by an embedded backup utility that can be configured to perform routine scheduled backup on either or both clustered systems to other locations.

## Features and Benefits at a Glance

| Features | Benefits |
|---|---|
| Automatic bi-directional Failover between the two binding nodes | Binding two servers directly for failover purposes for high efficiency and low cost |
| SQL service Active/Active mode for easy database file access on the Secondary station | SQL data on the secondary station can be accessed for data analysis and report querying while receiving real-time data replication at the same time |
| Supports MS SQL 2005 and SQLExpress configurations | ClusterReplica Duo supports both MS SQL 2005 and SQLExpress and both Windows 32-bit and 64-bit systems |
| Real-time data replication on database and non-database files as well as dynamically generated registry files | The real-time data replication is based on the special arrangements of MS SQL database files for high accuracy and high efficiency |
| Supports Windows IIS web server configuration | ClusterReplica Duo can also be used for IIS web server data replication |
| Automatic failback with optional confirmed failback | Restores a failed server without user-intervention to avoid possible human error |
| DNS Redirection for cross-network failover | When the two clustered servers are in different subnet segment, this DNS configuration allows successful failover |



**XLink Technology, Inc.** is headquartered in Milpitas, California. With over 10 years of experience, XLink Technology is a leader in providing networking software and solutions. XLink offers a wide array of networking tools, from NFS connectivity software to Clustering solutions for Windows environments.

The company's client base consists of a wide array of small and large enterprises, including Adept Technology, Alcatel, AT&T, The Boeing Company, Lockheed Martin, Cisco, Federal Express, Intel, J.P. Morgan, Motorola, Oracle, Sprint, Tesco, UPS and Verizon. In addition, the company has a large base of governmental and educational institutions, such as the Army Research Lab, Harvard University, National Institutes of Health, Stanford University, UCLA and the U.S. Air Force. With expertise in Windows file system technology, XLink is confident to bring you the complete high availability data management and security solution with affordable price to your valuable businesses.

ClusterReplica Duo supports bi-directional failover. In its design, both binding stations can function as Primary station to failover to the other. This unique feature allows binding servers to protect each other so that additional cost in machines or extra work in configuration and managing a complicated clustering structure can be eliminated.