

LEGATO RepliStor®

LEGATO solutions



Achieving Disaster Recovery of Critical Windows Data

In today's online world, the ability to deliver information and provide service depends on customers being able to access the information they want, when and where they want it. When this information is unavailable, customers will not wait until you can deliver it, they just look somewhere else, most likely with your competitor. Ensuring your critical information is available regardless of disk failure, power outage, human error or natural disaster is paramount to ensure your business stays in business. LEGATO RepliStor® helps your business survive by increasing the availability of your Windows information assets.

Real-time Replication Ensures Critical Data is Always Available

RepliStor uses patented, asynchronous, real-time data replication to make it easy to make more than one copy of production Windows data, across LAN and WAN environments. RepliStor has no limitations on the number of copies of data, and no limitations on the distance between Windows servers. Any data written to disk by the server can be captured and replicated by LEGATO RepliStor to one or more secondary disks, for any Windows application. RepliStor ensures your critical Windows information is available for rapid recovery in the event of downtime with the primary server.

Flexible Configuration Options and Product Design Ensures Systems Perform Well

While RepliStor ensures all critical information including files, directories, volumes, shares and selected Windows Registry Keys is replicated to secondary systems and more, it is designed to minimize the impact to both network and server resources. RepliStor replicates only the changes in Windows data as they are written by the production server and does not replicate unnecessary data. RepliStor's advanced features including filtering and scheduling, the ability to define exclusions, optional retention of deleted files, along with throttling and compression, ensures maximum control and efficiency of existing network connections with minimal impact. RepliStor can further reduce the impact to network bandwidth by allowing the ability to dedicate a NIC to RepliStor traffic, making it easy to isolate from the rest of the network traffic.

Failover upon Server Failure Ensures Business Continues

RepliStor also includes both automated and manual failover options to restart critical applications on a second server, in the event that the original server fails. RepliStor can be configured to automate failover from the source system and move network information to the target system if the source system fails. This preserves the network connections from the client to the server, as well as, the data in the event of server failure. RepliStor also automatically updates Active Directory, providing the software with a domain-wide site list allowing users to set parameters in only one location. In order to prevent split-brain conditions, RepliStor can also be configured for manual activation of failover when attempting to fail over across WAN environments. This provides the administrator control of whether failover happens or not, preventing fail over when only network links are down and servers resources are still available. RepliStor's also can define and support alias names. This further ensures availability of critical data by allowing users continuous access to critical data while administrators work to recover a primary server after fail over.

Interoperability Maximizes ROI and Minimizes TCO

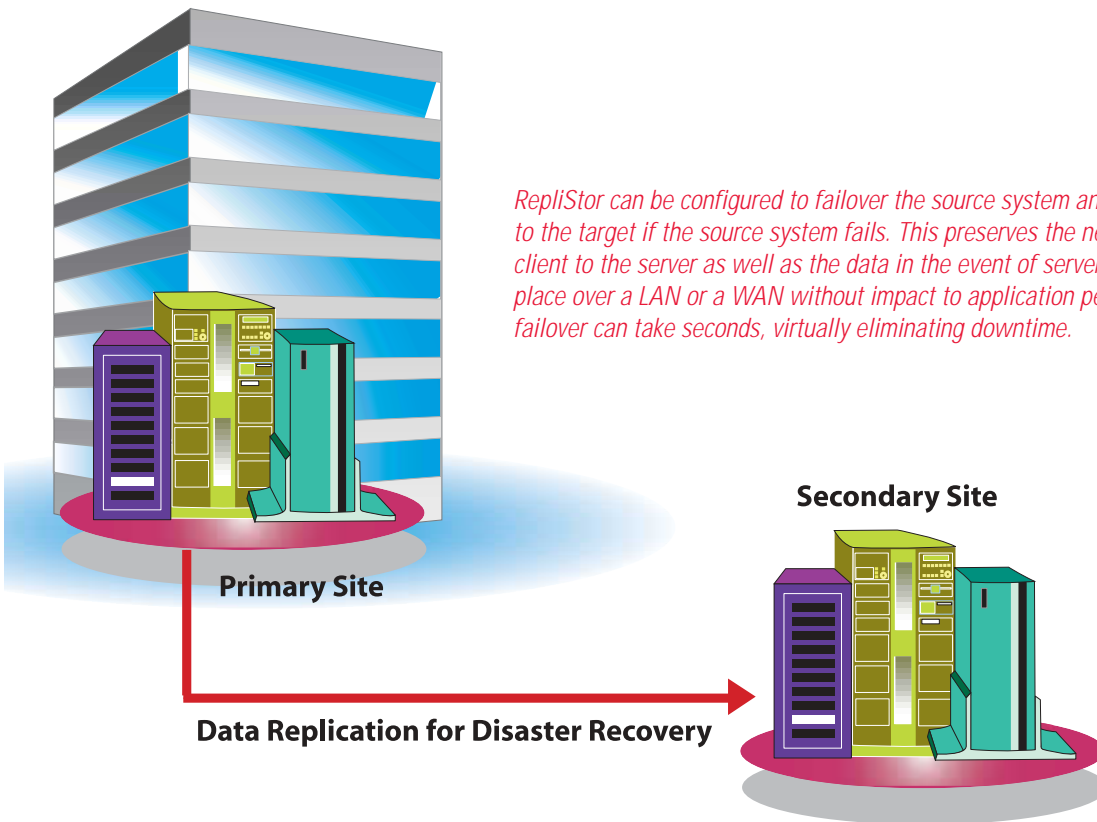
RepliStor's interoperability keeps the cost and time required to deploy Windows replication for disaster recovery protection to an absolute minimum. Key RepliStor features enabling interoperability benefits include:

- Capability to use existing network bandwidth efficiently, through data compression
- Capability to share network connections effectively with other network traffic, through throttling based on available bandwidth and scheduling when replication occurs
- Support for replication between and among Windows-powered NAS devices, with RepliStor installed on-board the device
- Support for replication between and among any storage device that can be mounted by existing Windows servers, mixing various types and kinds of devices and server systems
- Low CPU utilization on Windows server systems, to enable existing systems to be used while maintaining application performance
- Capability to replicate data among Windows NT, 2000, and 2003 systems enables these systems to co-exist in the same deployment

System Requirements

Each RepliStor protected server should satisfy the following software requirements:

- Microsoft Windows NT 4.0 Server or enterprise server
- Microsoft Windows 2000 Standard, Advanced or Data Center server
- Microsoft Windows 2003 Standard, Advanced or Data Center server



LEGATO Systems, Inc.

2350 West El Camino Real, Mountain View, CA 94040 USA

Tel (650) 210.7000 • (888) 853.4286 | Fax (650) 210.7032 | www.legato.com

For a complete listing of LEGATO Systems offices worldwide, please visit <http://www.legato.com/offices/>

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