![LEGATO logo]

LEGATO® RepliStor®

LEGATOsolutions

access   availability   protection

As data centers, departments and branch offices attempt to maintain data availability and business continuance in the event of local disasters or to service their global customers, requirements often demand consistent information be available at multiple locations in real time. LEGATO RepliStor offers a simple and reliable asynchronous replication solution that geographically distributes identical sets of data to one or many computers. This solution increases the availability of data by delivering real-time replicas – creating as many copies as needed in virtually any location. RepliStor enables the use of data for anything from off-line backup protection, disaster recovery switch over, file and content publication, to decision-support data warehousing and countless other applications.

Information Replication for Microsoft Windows
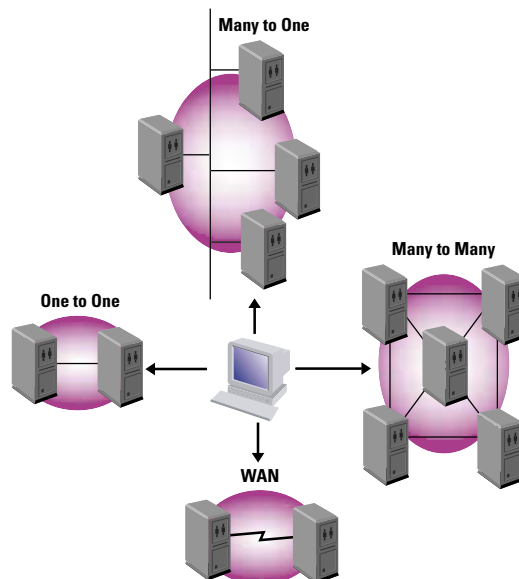
Features and Benefits

LEGATO RepliStor provides a reliable low-cost solution for business continuance, disaster data recovery, data migration and centralized backup. An exact copy of each replicated file is instantly available on the targeted systems, either locally or remotely. RepliStor can be configured to failover 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 failures. The software works over a LAN or a WAN and never affects application performance. RepliStor automatically registers itself in the Active Directory, providing the software with a domain-wide site list allowing users to set site parameters in only one place. It also facilitates dynamic replication of registry keys and associated values, and the setup of RepliStor allows upgrades even if files are currently running. And with RepliStor's Alias support, recovering from failover can take seconds, without any user downtime.

System Efficiency

LEGATO RepliStor uses minimal server and network resources because after the initial sync of files, the software only updates changes. RepliStor also allows companies to dedicate a NIC to RepliStor traffic, making it easy to isolate from the rest of the network and manage its impact on bandwidth.

Enables Non-intrusive and Centralized Data Backup

With RepliStor tape back can be run at anytime without impacting performance. With an up-to-date copy of data on target systems, backups can be run from the target at any time without effecting users on source production systems. RepliStor also enables centralized backup operations. Branch and remote offices can replicate their data to a central location, such as a data center, for backup, simplifying and consolidating backup operations. This can significantly reduce IT requirements at remote locations, while leveraging administration and hardware resources found in the data center.

RepliStor can be configured to replicate data in any environment as shown in the illustration to the left. It also is ideal as a business continuance/disaster recovery solution when data is transmitted over a Wide Area Network to a replicated site.

Data Migration

RepliStor is the solution of choice to replicate data for content publication and data warehousing. When maintaining multiple systems that require identical data sets for sharing information and distributing network load in web farms, multiple file servers or content publication applications, where data changes dynamically, RepliStor ensures these changes are quickly propagated out to the other servers. RepliStor replicates in one-to-one, one-to-many, many-to-one and many-to-many configurations, ensuring users have critical up-to-the-minute information. Users always have an up-to-date data store. And as the environment grows and changes, it is a simple process to add additional systems to the environment.

Extends Clustered Data Availability

RepliStor can enhance protection and availability of data on a shared disk in a Microsoft Cluster Server environment or mirrored data in a LEGATO Co-StandbyServer AAdvanced configuration by replicating it to another cluster or stand-alone system. In a Microsoft Cluster Server environment, the (MSCS) is managing the application movement between the two servers in the cluster, in the event of application failure. However, since both systems in the cluster are sharing a single set of data on a shared disk, Microsoft Cluster Server does not offer protection in the event of disk failure. By adding RepliStor to this configuration you protect the data on the shared disk – replicating the data outside

the cluster to another cluster or a stand alone system. RepliStor is an essential enhancement to complete a Microsoft Cluster environment.

RepliStor is supported in a configuration with LEGATO Co-StandbyServer AAdvanced (CSBS AA), providing wide area disaster recovery protection to a two-server CSBS AA deployment. RepliStor is also integrated to work with LEGATO AAM, so that AAM automation can restart applications automatically and connect them to a remote set of replicated data. RepliStor, CSBS-AA and AAM can also be used in a three-way combination for comprehensive business continuity on Windows, which is bundled under the name LEGATO AAdvanced Continuity.

ADMINISTRATION CHALLENGES	PRODUCT FEATURES	CUSTOMER BENEFITS
Protection of mission critical information against local failures	Replicates data from one server to another	Maintain availability of information so users stay up and running and productive
Protection of mission critical information against major disasters	Works over a WAN	Maintain a remote copy at a replicated site to ensure availability of information no matter what happens
Maintain an exact and current copy of your mission critical information in real time without affecting application performance	No overhead in replication of data in real time	Systems run without penalty and users stay satisfied while being protected
Ability to backup information without affecting production systems and services	Works with all NT/2000-based backup/recovery solutions by backing up from the target system data copy	More current backups with less restrictions and overhead
Eliminating the risk of a security breach based on accessing replicated data	Multiple levels of security insure that the data replication cannot be used to thwart file permissions, including the option of fully encrypting all communications	The enterprise can rest easy that its mission critical information is being protected without any risk
Supportability of mission critical systems	Windows 2000 Certified	Guarantees the smoothest resolution should problems occur

SUPPORTED PLATFORMS

- Microsoft Windows NT servers and workstations
- Microsoft Windows 2000 servers and workstations
- Microsoft Windows 2003 servers and workstations

For complete and current support information, see the LEGATO Compatibility Guide at **www.legato.com**

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