

Legato Co-StandbyServer™

for Windows NT®

Turn server and application failures into successes

The high-availability clustering solution for Windows NT applications and servers

It's my job to make sure the technology we implement is the best available. That's why we picked Legato's Co-StandbyServer for Windows NT. Once our SQL Server failed, the other server came right up automatically, and we didn't miss a beat.

Benjamin L. McLarin
Manager Information Technology,
Financial Pacific

Features and Benefits

Unparalleled NT applications support

Legato Co-StandbyServer's application modules enable administrators to synchronize commonly used NT applications between clustered servers. The modules also automate many of the management tasks used to cluster an application. All application-related registry entries are mirrored and dynamically updated when they change on either server.

Maintenance without downtime

Legato Co-StandbyServer lets administrators move resources between clustered servers using an easy drag-and-drop interface. Routine server maintenance takes place without losing network productivity, and end users retain 100 percent access to the server throughout the day, night and weekends.

Automatic application monitoring and repair

Service Monitor is a streamlined, easy-to-use utility that automatically checks and repairs services running within NT applications. By attempting to restore a faulty application first, this utility avoids a full server failover when a simple application problem arises.

Bi-directional failover

Legato Co-StandbyServer's bi-directional failover enables either node to take over the functions and identity of the failed server, including IP addresses, shares, print functions, server names and applications, without sacrificing its own identity.

Hardware independence

Because Legato Co-StandbyServer uses TCP/IP protocols and industry-standard network cards for mirroring traffic between clustered servers, matching hardware or software configurations are not required.

Supports shared storage environments

A shared storage configuration can be used to meet the needs of an active/active or active/passive environment. In either environment, when the server fails, data is made available to the surviving server ensuring an up-to-date data set available to users.

Protection pays dividends

Legato Co-StandbyServer™ for Windows NT® is the comprehensive solution that's priced to return your investment the first time a failover occurs.

High availability is now expected in corporations. Networks must remain on-line all the time. After all, a server failure can cost thousands of dollars for every hour of downtime—for any size business.

What's the best way to protect mission-critical applications and data on Microsoft Windows NT networks? Legato Co-StandbyServer for Windows NT. It enables two fully functioning NT servers to act as hot spares for each other in the case of application or server failure. Should an application or server fail, Legato Co-StandbyServer migrates the applications, data and users from the failed server to the mirrored server. Depending on the workload and applications currently running, most users won't even notice that a failover has occurred.



For more information about high-availability clustering solutions call 1-800-934-9530, or visit our Web site

www.legato.com

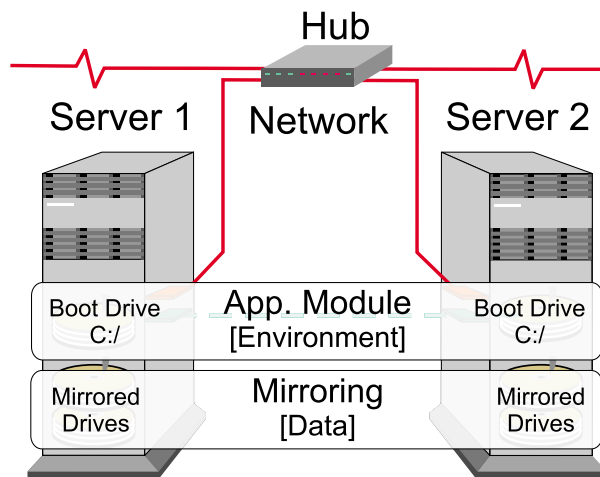
Legato Co-StandbyServer for Windows NT

Application availability

Legato Co-StandbyServer is the most advanced product on the market for complete and reliable application fail-over. When an application fails, both the application data and the application environment need to be available on the surviving server.

The application's data is made available through the mirroring or shared storage functionality built into Legato Co-StandbyServer. But the application's environment, including registry entries, setup and configuration files are kept on the C drive, a non-mirrorable drive. The applications module handles availability of this information on the surviving server. This ensures that the application is available and performs as it did before the server failure.

Legato Co-StandbyServer has applications modules for most commonly used NT applications including Exchange and SQL. The application modules make it easier and quicker to install and configure these applications for flawless failover. Examples of these modules can be downloaded from www.legato.com. For certified failover of any application, Legato Consulting



Services or a Legato Certified Partner should be contacted for an implementation bid.

Advanced mirroring technology

Legato's mirroring engine assures high availability of all critical network resources—data, applications, shares, IP addresses and printers. This block-based mirroring technology operates on individual I/O requests at the device driver level, keeping data synchronized between the clustered servers without sharing a single point of failure. Mirroring allows for applications to recover data completely because the state of the data is known at all times. Mirroring traffic uses a separate, dedicated inter-server link, saving your LAN bandwidth for applications, messaging and file sharing.

Data protection and high availability come naturally

Legato is the leading supplier of Intel-based network high-availability computing solutions. Legato designs, develops and supports affordable, easy-to-use, multi-platform, open application solutions for any size business.

Clustering that cuts costs

NT servers running multiple applications benefit from

Legato Co-StandbyServer's bi-directional functionality. During normal usage, each clustered server runs its own mission-critical applications. No need for a hot spare or other backup servers that don't contribute to the network workload. Now you can get high-availability clustering without doubling your cost or losing money on downtime.

Cluster management made easy

Using the Management Console, all clustered servers can be managed from any workstation or server on the network with the glide of your mouse. Legato Co-StandbyServer also supports command lines that are especially useful for repetitive tasks such as clustering very large numbers of objects.

Legato Systems, Inc.

1201 North 800 East
Orem, Utah 84097

www.legato.com

US & Canada Tel 800-934-9530 • 801-223-3100
Fax 801-223-3107

Europe, Middle East and Africa

London Tel +44 1628 511811
Fax +44 1628 511812

Frankfurt Tel +49 6172 305880
Fax +49 6172 305885

Microsoft Certified
Solution Provider

 LEGATO®

Copyright © 1999 Legato Systems, Inc. Windows NT, SQL Server and Exchange Server are registered trademarks of Microsoft Corp. NetWare is a registered trademark of Novell, Inc. The Legato logo and Co-StandbyServer are trademarks of Legato Systems, Inc. Co-StandbyServer U.S. Patent No. 5,812,748.