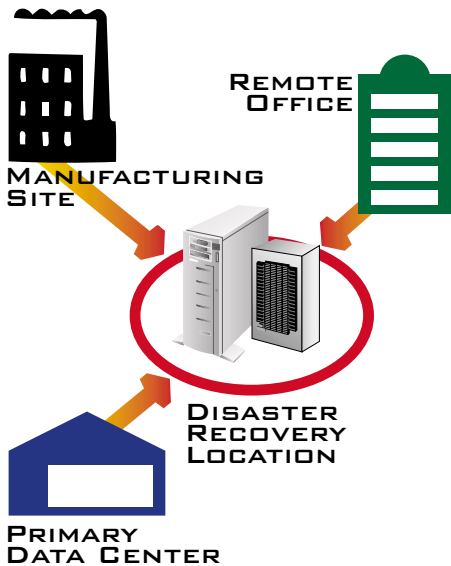


# Volume Replicator™

## Enterprise Class Disaster Recovery for Mission-Critical Environments

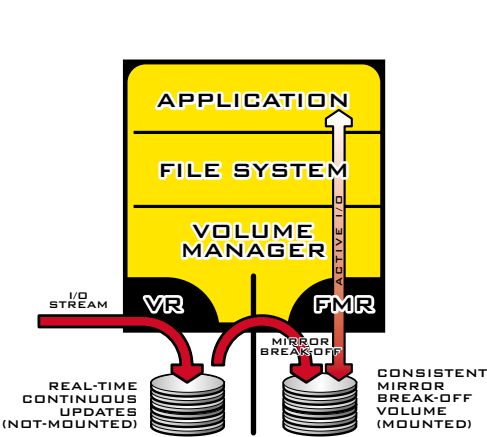


Replicate critical information to a disaster-safe site for maximum availability and data protection.

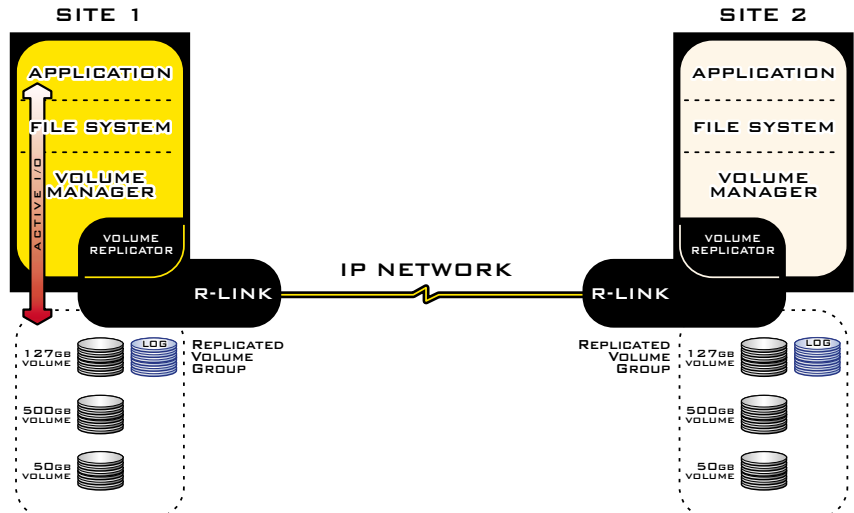
Whether motivated by natural disaster, site failure or simply a planned site migration, the ability to seamlessly move computing operations with minimal (or even zero) downtime has become a necessity to compete in today's market. Based on the de-facto industry standard VERITAS Volume Manager, **VERITAS Volume Replicator™** reliably, efficiently and consistently mirrors data to remote locations over any IP network for maximum business continuity. Volume Replicator provides an elegant, flexible, storage independent solution that delivers true disaster recovery and flexible off-host processing when data currency and availability are paramount.

### Product Highlights

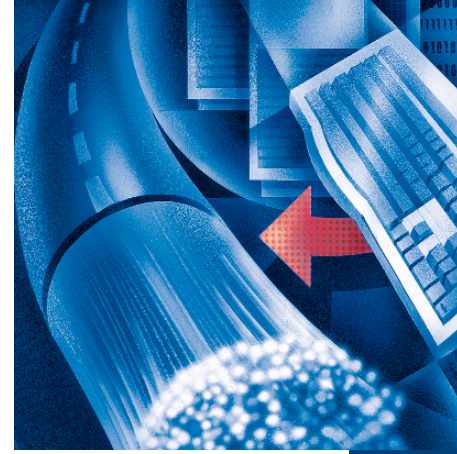
- ◆ Fully supports all commercial database management systems, including Oracle, Sybase and Informix.
- ◆ Scales to support up to 32 secondary replication links for many-to-one or one-to-many scenarios.
- ◆ Performs comprehensive volume group replication in both synchronous and asynchronous modes to ensure data integrity and consistency.
- ◆ Runs on all storage hardware platforms to eliminate vendor-specific storage limitations.
- ◆ Allows administrative tasks to be performed online without interrupting business operations or compromising data availability.
- ◆ Includes latency protection to guard against having a secondary replica site fall behind administrator defined high watermarks.
- ◆ Enables flexible off-host processing for point-in-time data volumes.



Given its tight integration with VERITAS Volume Manager, VERITAS Volume Replicator leverages point-in-time mirror volumes at a secondary site for performing off-host processing (such as backup, data analysis, testing and reporting) at a remote location.



VERITAS Volume Replicator fully integrates with VERITAS Volume Manager to replicate volume groups over any IP network to a disaster-safe location.

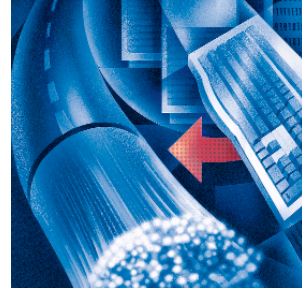




BUSINESS WITHOUT INTERRUPTION™

# Volume Replicator™

## Enterprise Class Disaster Recovery for Mission-Critical Environments



**About VERITAS®:** For enterprises that demand continuous availability of business-critical information, VERITAS is the leading enterprise-class application storage management software provider. Unlike other types of storage management vendors who offer proprietary hardware-centric solutions, or limited product offerings, VERITAS provides leading, comprehensive, enterprise-class application storage management solutions that ensure information availability, enabling customers to protect, access and manage their business-critical information.

### Open Solution

Unlike proprietary inflexible hardware approaches, VERITAS Volume Replicator's software based replication provides a reliable, efficient and cost-effective solution for geographically mirroring data sets. In addition, VERITAS Volume Replicator runs on any storage hardware platform and across any IP network.

### Resilient and Efficient

VERITAS Volume Replicator makes efficient use of network resources and keeps WAN traffic to a minimum by replicating only the data blocks that actually change. It also gracefully handles temporary network outages and failures and includes robust error handling capabilities (an absolute requirement for long-distance replication over wide area networks).

### Uncompromised Data Consistency

VERITAS Volume Replicator maintains data consistency within and among volumes to deliver uncompromised data integrity at secondary locations. By faithfully maintaining write order fidelity within and among volumes, VERITAS Volume Replicator is ideal for any on-line storage environment, including all DBMS environments such as Oracle, Sybase and Informix. Additionally, VERITAS Volume Replicator can maintain this complete data

integrity and database consistency whether replicating in synchronous or asynchronous mode. Synchronous replication provides maximum data currency by requiring secondary host acknowledgement with each write. With asynchronous replication, writes are logged as they are committed to primary storage to ensure maximum application performance at the primary host. This mode can also help eliminate restricting distance limitations seen in other replication alternatives. Asynchronous replication also provides a convenient fall back mode when synchronous replication is combined with a WAN outage.

### Global High Availability Solution

Building upon the VERITAS Volume Manager foundation and integrating with VERITAS Cluster Server and VERITAS Global Cluster Manager, VERITAS Volume Replicator becomes part of a powerful, integrated and complete solution for local and wide-area high availability and disaster recovery.

### Summary

For true disaster recovery when high availability and data consistency are paramount, VERITAS Volume Replicator clearly provides a compelling solution.

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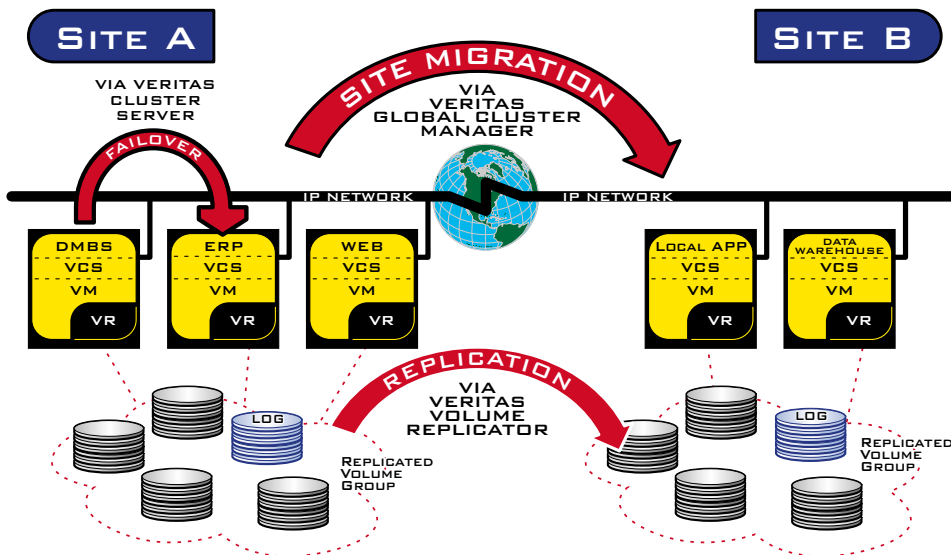
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VERITAS ensures that replication services remain highly available by providing agents for VERITAS Cluster Server to handle both local and wide area (via Global Cluster Manager) failover.