

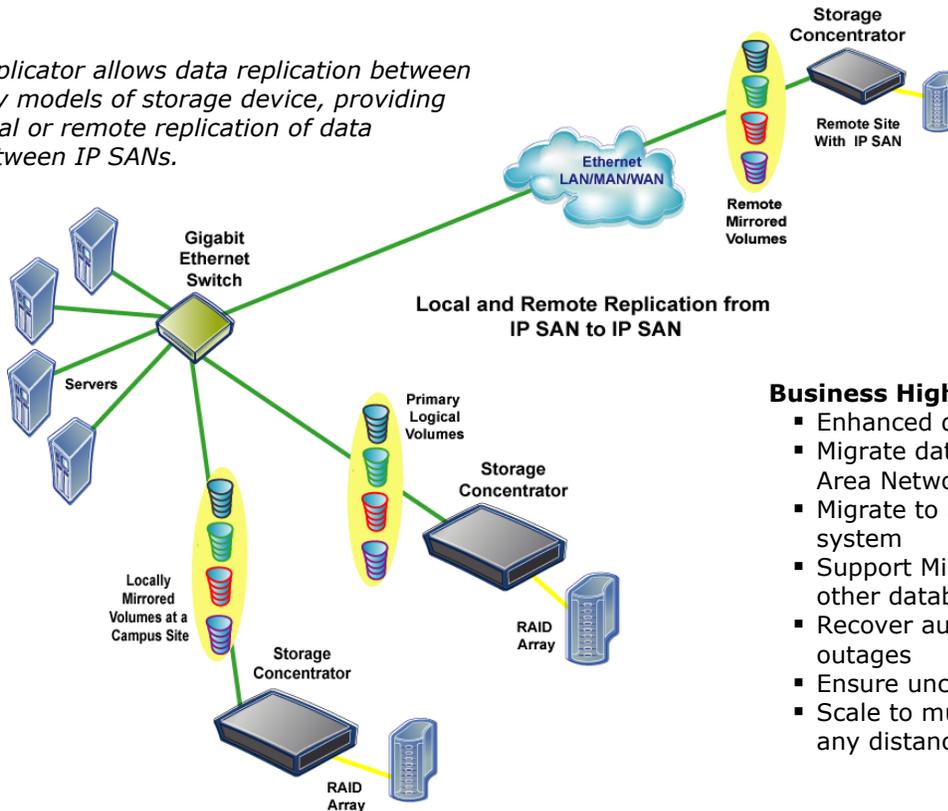
# StoneFly Replicator™

Mirroring Software

## Protect your data while protecting your budget

StoneFly Replicator™ mirroring software works in conjunction with a Storage Concentrator to support storage-independent, local or remote, synchronous or asynchronous data replication over unlimited distances using iSCSI on an Ethernet network. StoneFly Replicator provides an affordable solution to keep critical data protected and highly available and leverages existing investments in hardware and personnel.

*Replicator allows data replication between any models of storage device, providing local or remote replication of data between IP SANs.*



## Business Highlights

- Enhanced disaster recovery planning
- Migrate data into and out of a Storage Area Network (SAN)
- Migrate to a higher-level operating system
- Support Microsoft Exchange, SQL and other database migrations
- Recover automatically from network outages
- Ensure uncompromised data integrity
- Scale to multiple replication sites over any distance

## Applications

### Business Continence/ Disaster Recovery

- Data replication in real time to a disaster recovery site
- Continue to track updates during network outages

### Migration

- Move to faster, less expensive storage
- Move server to another location
- Upgrade to a higher-level operating system
- Replicate data into or out of a SAN

### Storage and Server Consolidation

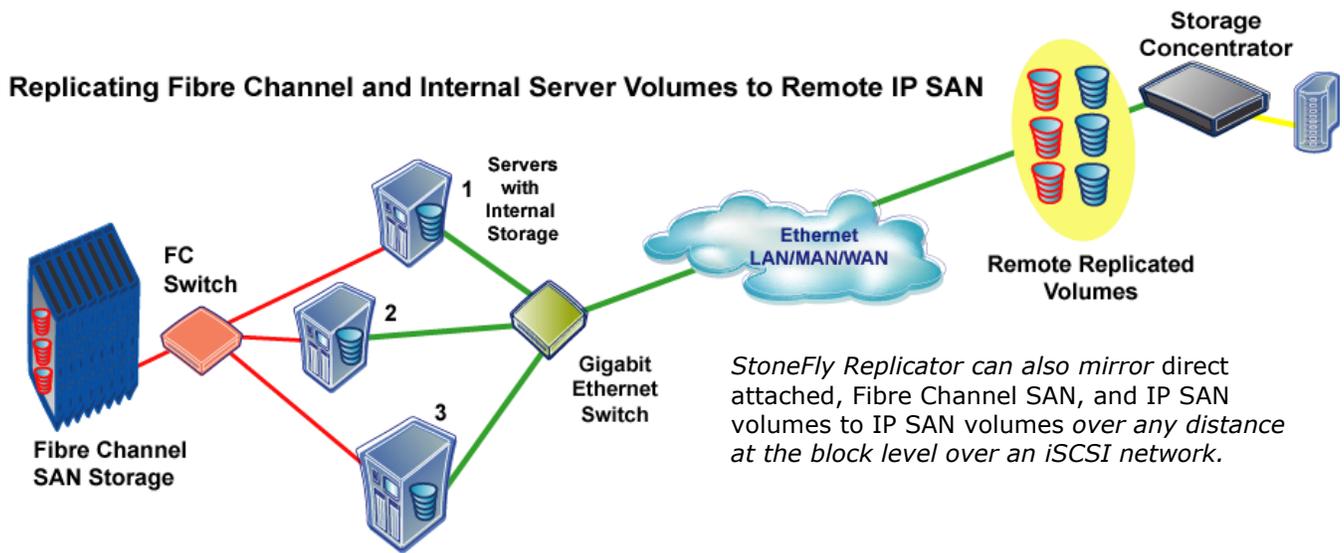
- Move data from older/smaller servers to a newer/larger servers
- Move data from older/smaller storage devices to a higher capacity device

### Windowless backup:

- Shorten backup window
- Backup data from secondary system with no effect on the primary
- Enable consolidated backups from multiple servers
- No longer need a tape drive attached to each server
- Support scripts for automated operation



## StoneFly Replicator™ Mirroring Software



Software applications have full access to source data while replications are in progress, minimizing the time required to perform backups or other scheduled outages. Tunable parameters in Replicator allow different levels of mirroring synchronicity to match application recovery or performance requirements.

Replicator Feature	Replicator Benefit
Replicates any type of volumes	DAS, NAS, FC SAN or IP SAN volumes can be replicated to IP SAN volumes
Storage-independent	Replicates any type of storage, eliminating vendor lock-in
iSCSI protocol	Block data transfer over any distance using IP
API/CLI interface	Facilitates integration with other software programs
Synchronous, Asynchronous	Provides optimum flexibility for local or remote replication
Central console with Graphical User Interface	Manage the whole replication environment and performance monitoring from one console
Logical Grouping	Improves manageability and preserves database integrity, ensuring the copy is usable at all times
Tunable parameters	Optimizes resources
SmartRefresh	Reduces network traffic by only sending differences between primary and secondary volumes