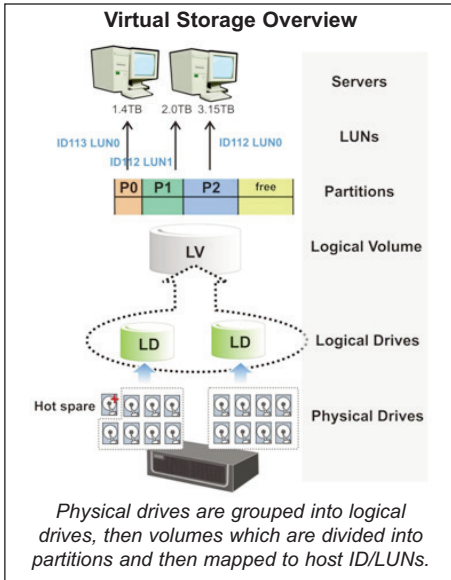


# FlashDisk® Global Manager™ 3

**Simple, Powerful Management for FlashDisk Storage Systems  
Automated Storage Tiers, Snapshots, Replication, and more...**



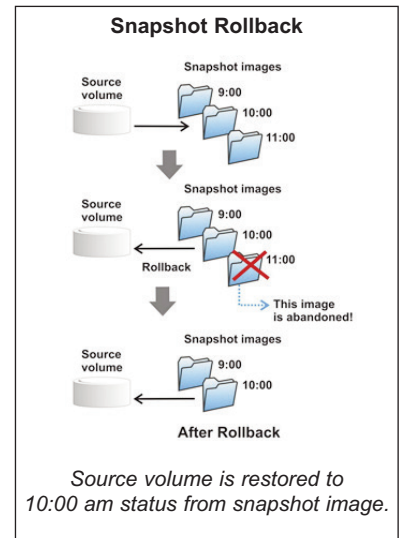
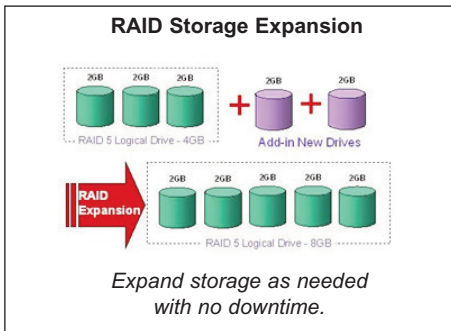
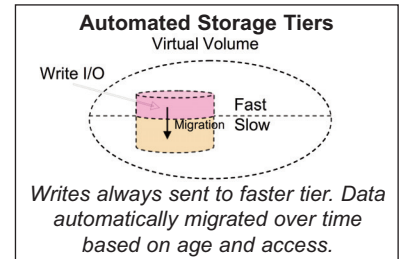
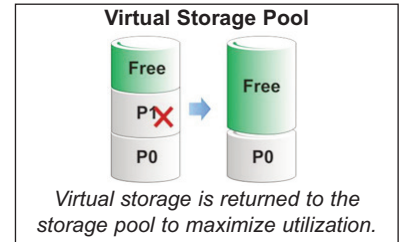
FlashDisk Global Manager 3 provides centralized management and event notification for installed Winchester Systems FlashDisk FX and VX commercial storage systems, and FlashDisk RF and RV ruggedized storage arrays. This new version has been completely redesigned to make it easier than ever to configure and deploy FlashDisk storage systems; and to monitor their health, availability, capacity, and data-protection status.

FlashDisk Global Manager 3 is installed on a computer with network connectivity to the FlashDisk storage arrays being managed. This new management server provides a foundation for improved responsiveness, availability, scalability and security. Administrators access FlashDisk Global Manager 3 using any device (desktop, laptop, tablet, etc.) with a web browser installed.

An updated graphical user interface enhances the overall IT-administrator experience. Graphical representations of array elements and real-time status make it easier to see and understand what's happening.

All mirror, copy and replication functions have been consolidated in a new "Replication Manager" function, making it easier to manage data-protection relationships and status.

A new Network Diagnostic Tool checks the quality, bandwidth and latency of connections between FlashDisk systems, enabling administrators to troubleshoot—or prevent—data-protection issues.



## Manage FlashDisk Capacity, Availability, Health and Data Protection

### Virtual Storage Pools

Create, expand, and delete storage volumes as requirements change to maximize storage utilization.

### Automated Storage Tiers

Automatic, policy-driven data migration between two tiers of storage, enabling "hybrid" SSD/HDD arrays while optimizing performance and cost.

### Snapshots

Schedule up to 1024 snapshots as often as every 10 minutes. Mount and read snapshots, restore files and databases. Rollback to selected time. Server agent integrates with Microsoft Volume Shadow Services (VSS).

### Volume Copy

Reconstitute full volumes from snapshots, create multiple full versions to avoid taxing production.

### Mirroring

Create mirror volumes, split mirrors, fast resync for data redundancy, backup, data mining and analysis.

### FlashD2D Backup

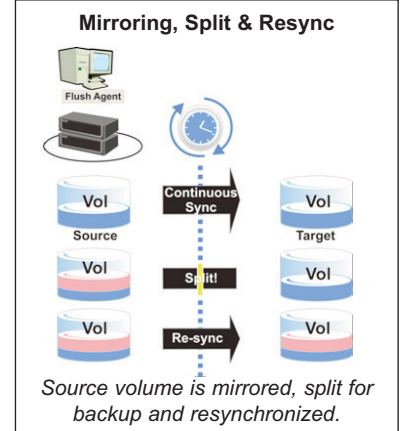
Scheduled zero-downtime tiered primary to secondary disk-to-disk backup. Enables off-line copy to tape.

### Global Management

Manage multiple FlashDisk systems via a single, easy to use GUI from any device with an installed web browser.

### Network Diagnostic Tool

Test bandwidth, latency and packet loss of network connections between FlashDisk systems. Enables easy prevention and troubleshooting of data-protection network problems.



# FlashDisk® Global Manager™ 3 Highlights

FlashDisk Global Manager 3 scans designated IP ranges in a network and displays all detected FlashDisk systems, with a summary status for each.

Convenient shortcuts to functions available for the currently selected item appear in the lower-right "Tasks" pane.

## FlashDisk Global Manager Home Page

## Configuration Options

Menu enables control of drives, volumes, channels, LUNs and more . . .

## Backup Scheduler

Configure the schedule parameters.

Schedule Name:

Source:

Start Date:  End Date:  Repeat:  Daily  Recurring Days of Week  Sun  Mon  Tue  Wed  Thu  Fri  Sat  Recurring Days of fortnight  Sun  Mon  Tue  Wed  Thu  Fri  Sat  Recurring Days of Month

Start Time:  :

Priority:

FlashD2D automates disk-to-disk backups.

## Performance Charts



Real-time performance metrics at array, controller, port, and drive level enable analysis, load balancing and problem diagnosis.

## LUN Mapping

Create a host LUN mapping set automatically.

Fibre 8 Gbps  iSCSI 1.0 Gbps

Customize the host LUN mapping configurations.

Fibre 8 Gbps  iSCSI 1.0 Gbps

Slot A:  Channel 4  Channel 5  Channel 6  Channel 7

Slot B:  Channel 4  Channel 5  Channel 6  Channel 7

Customize the LUN Number:

Use Extended Host LUN Functionality:

Host ID/Alias:

Host ID Mask:

Filter Type:

Access Mode:

LUN mapping assigns Logical Units to hosts.

## Creating a Logical Volume

Logical Volume Name:

RAID Visualization:

Slot	Size	type
<input checked="" type="checkbox"/> 7	3.63 TB	SAS
<input checked="" type="checkbox"/> 8	3.63 TB	SAS
<input checked="" type="checkbox"/> 9	3.63 TB	SAS
<input checked="" type="checkbox"/> 10	3.63 TB	SAS
<input checked="" type="checkbox"/> 11	3.63 TB	SAS
<input checked="" type="checkbox"/> 12	3.63 TB	SAS

Number of Member Drives:  RAID Level:

Write Policy:  Assignment:

Stripe Size:

Wizards ease configuration tasks, and include visualization of components

[www.winsys.com](http://www.winsys.com)

**WINCHESTERSYSTEMS®**  
Purpose-Built Storage