



“ For over a decade Coolspirit have been supplying the UK’s top organisations with storage products and solutions so be assured we will meet your requirements head on.

It’s all about getting things right first time, quickly and simply! ”

Damon Robertson
Coolspirit Ltd

Our address

24 The Bridge Business Centre
Beresford Way
Chesterfield
S41 9FG

Get in touch

Call us on: 01246 454222
Email us: web@coolspirit.co.uk
Find us: [View location map](#)
Web: www.coolspirit.co.uk

Office hours

mon - thurs 8:30am - 5:30pm
fri 8:30am - 5pm
sat - sun Closed

“ Boost your storage buying power...
use ours! ”

Buy with confidence from
Coolspirit your authorised
Dot Hill Partner



Store, Backup and Restore with AssuredSnap™

AssuredSnap™ is a component of the R/Evolution Architecture, enabling OEMs and partners to solve many of today's data management challenges facing IT departments by building complete solutions for business continuance, disaster recovery and regulatory compliance. AssuredSnap provides the ability to create point-in-time copies or backups of disk volumes with instant restoration of data to any captured (snapshot) point in time. Since AssuredSnap only copies data that has changed to disk it can virtually eliminate backup windows.

AssuredSnap uses a method called Single Copy-on-Write (SCW) with Original/Write Data Preservation capabilities. Unlike other snapshot technologies the AssuredSnap implementation is not only fast, but also reduces the size of snapshots by storing only a single instance of changed blocks. Original/Write Data Preservation technology is unique in the market allowing IT managers to snapshot and write to newly created snapshot volumes. This enables roll back to the original snapshot or the modified or updated snapshot. This re-roll-back capability is ideal for testing new software or prototyping new applications.

Advanced Data Protection Provides Instant Recovery

Is your data essential to your business operations? Then it makes sense to protect that data on the storage array level with AssuredSnap™ and AssuredCopy™. AssuredSnap™ provides Dot Hill storage arrays with volume snapshot capability allowing point-in-time copies that can be used to maximize business continuity. AssuredCopy™ creates a full volume copy which protects against disk failures.

Dot Hill's 'set and forget' scheduler capability gives storage administrators peace of mind, knowing the storage system is automatically taking snapshots and volume copies. Make sure you have the backups that enable quick point-in-time recovery.

Easy Backup Solution

AssuredSnap delivers:

Data Protection

- Protect against accidental or malicious loss or corruption of data

Minimized Data Loss

- By taking more frequent snapshots (i.e., backups) of data volumes, the amount of data exposed to loss is reduced (i.e., improved Recover Point Objective (RPO))

Improved Data Recovery and Business Continuity

- With rapid restore to any point-in-time snapshot
- Improved restore time reduces downtime and data unavailability due to system or human errors (i.e., improved Recover Time Objective – RTO)

Drastically Reduced Backup Windows

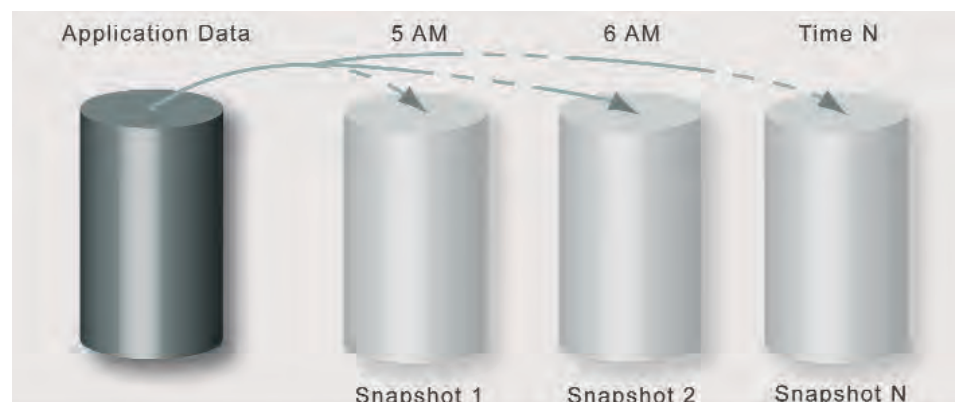
- From hours to minutes

Rapid Application Development Support

- Like backup, a snapshot can be mounted to a different server, allowing application development teams to use production data without effecting production data or impacting the production application. This supports rapid application development strategies.

Regulatory Compliance Support

- Data protection is mandatory, and snapshot is one of many tools in the arsenal to adequately protect data and recover from data loss or corruption as mandated by an increasing number of government and industry regulations.



AssuredSnap™

AssuredSnap - Providing a Foundation for Enterprise Business Continuity

The appropriate policies and procedures required to achieve optimum business continuity will be unique to each organization. Determining factors include the extent of real-time need for access to data and the business value of data over time from its initial point of creation. There are two fundamental aspects associated with business continuity planning; setting recovery point objectives (RPO) determines the frequency with which snapshots of business critical data need to be taken for rollback to a known point in time, the recovery time objective (RTO) is the maximum time window available to complete restoration of business critical data in order to maintain expected transactional service levels. AssuredSnap plays a fundamental role in achieving both RPO and RTO for any business continuity implementation through the ability to create point-in-time copies or backups of disk volumes with instant restoration of data to any captured point in time.

AssuredSnap is available on all Dot Hill storage systems including the 2000, 2002 and 3000 Series



FEATURES

2000 Series -Max # of Snapshots per system	64
2002 Series -Max # of Snapshots per system	256
3000 Series -Max # of Snapshots per system	1000
5000 Series -Max # of Snapshots per system	512
Max Snapshot Snap Pool Size (Snapshot storage pools)	4 Petabytes
Max # of Snapshots per Master Volume/LUN	32
Rollback to original or modified data	Yes
Delete Modified Data and Refresh Snapshot	Yes
Snap Volume Read	Yes
Snap Volume Write	Yes
Locally Mount Snap Volume	Yes
Remotely Mount Snap Volume	Yes
Manual Snapshots	Yes
Auto Expansion of Snap Pool Space	Yes
Capacity Manager (policies & threshold)	Yes
GUI	Web based
Command Line Interface	Yes
RAID support for Snapshot storage	Yes

OPERATING SYSTEM SUPPORT

Windows Server 2003, 2008
SPARC Solaris 9, 10
Red Hat ES 4.0, 5.0 and AS 4.0
SuSe ES 9.0

SOFTWARE AND MODULE SUPPORT

Microsoft VSS, VDS Support

