APWI
American PrintWare Inc.

SIRIS

The New Standard for Intelligent Business Continuity.

SIRIS is the only backup and disaster recovery solution to offer instant on-site and off-site virtualization, screenshot verification of backups, and intelligent business continuity all from one simple management interface.

INTELLIGENT BUSINESS CONTINUITY

SIRIS Sets the New Standard for Intelligent Business Continuity. Accept Nothing Less.

The SIRIS Difference

SIRIS provides companies with an advanced insurance policy against data loss and costly downtime by utilizing a revolutionary technology that dramatically simplifies the backup and recovery process. By employing proprietary Inverse Chain Technology™, SIRIS eliminates the inherent inefficiency of the traditional backup chain. SIRIS takes data directly from the server and converts it into virtual machine readable files that can be booted instantly from a web interface or by using any common hypervisor. This innovative way of storing data allows for instant on-site and off-site recovery and can prevent businesses from having to experience downtime in the event of a disaster, offering the peace of mind that backups will be available at a moment's notice.
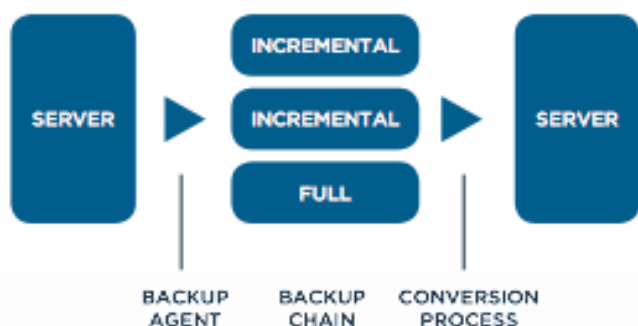
Screenshot Backup Verification

SIRIS leverages instant virtualization capabilities to provide the most advanced method of backup verification in the industry. By taking a screenshot of each completed boot process virtually, SIRIS tests backup integrity and proactively identifies boot-ability issues. Serving as evidence of a successful backup, the screenshot can be shared with end-users to ensure peace of mind that data can be recovered at a moment's notice.
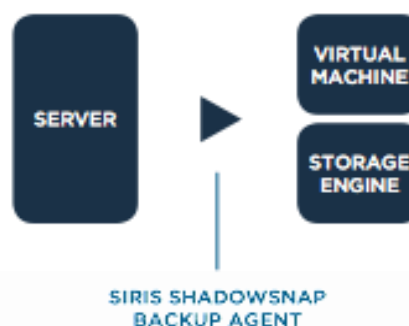
Break Free from the Chain

The SIRIS backup process eliminates the area where most problems arise in the traditional backup process: the backup chain. SIRIS takes data and converts it directly into a virtual machine each time a backup occurs. The most recent backup image is always the base image and does not rely on past incrementals to restore data. Since each backup is a fully bootable virtual machine, there is no need for a conversion to occur before performing a restore. With no complicated rollup or restore processes, data is always available immediately both on-site and off-site.

TRADITIONAL BACKUP PROCESS

SIRIS SIMPLIFIED BACKUP PROCESS

SERVER → INCREMENTAL / INCREMENTAL / FULL → SERVER

BACKUP AGENT   BACKUP CHAIN   CONVERSION PROCESS

SERVER → VIRTUAL MACHINE / STORAGE ENGINE

SIRIS SHADOWSNAP BACKUP AGENT

Instant Virtualization On-Site and Off-Site
In just seconds, backups can be virtualized either locally on the powerful SIRIS appliance or remotely in the secure cloud. The advanced web interface allows for configuration of CPU and memory resources. Network resources can be configured dynamically, allowing for changes to be made without restarting the virtual machine. Even while virtualized, systems can continue to backup to the SIRIS appliance and the secure cloud.

SpeedSync
SpeedSync is the proprietary technology for quickly and efficiently transferring files to and from the cloud. It starts with advanced LZMA2 compression algorithms to provide optimal data compression and reduce transfer data size. Smart queuing is used to prioritize server backup order (more critical data can be prioritized). Recovery point pipelining allows the next recovery point to upload while the current point is being received. Finally, agent sync parallelism allows multiple agents to sync off-site simultaneously. The combination of these technologies provide greater data integrity, reduced network traffic, and keeps customer's off-site backups up to date, particularly in low bandwidth environments and those with busy network traffic.

Future Ready
SIRIS appliances support the latest standards and are continuously being updated. Every SIRIS appliance supports software RAID and 2TB+ Volumes including advanced format drives. SIRIS appliances also support GPT Partition formats including those using EFI Boot. SIRIS is capable of backing up both physical and virtual systems with nearly any storage configuration. All SIRIS appliances regularly download and install updates in the background, ensuring that every device is always running the latest version.

Centralized Management
All appliances are controlled through an easy to use central web interface. This interface allows for quick access to critical stats and has detailed remote management ability. Through the interface, it is possible to virtualize a failed server on an appliance that may be hundreds of miles away with just a few clicks. The interface even allows you to gain RDP access to remote servers and VMs through a secure VPN connection.

Broad Operating System Support
The SIRIS supports the widest array of operating systems of any BDR product on the market. With support for Windows 2000, XP, 2003, Vista, 2008 and 7, SIRIS supports almost any Windows system still in production today.
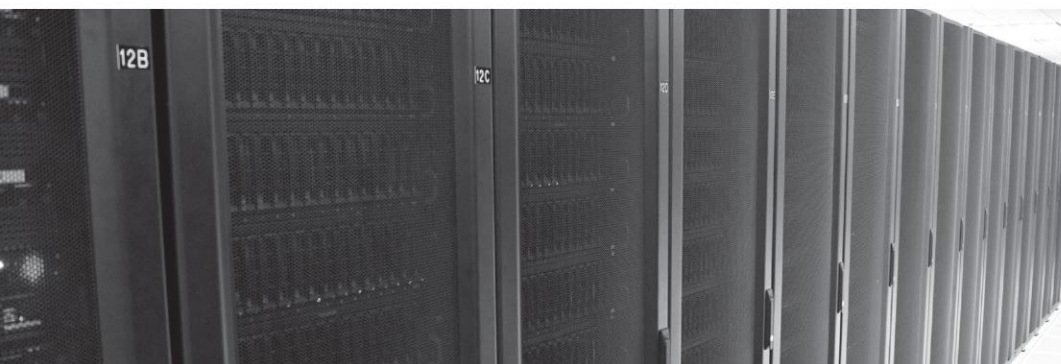
Better Bare Metal Restore
SIRIS devices use a completely unique method for performing bare metal restores. Rather than use a limited restore environment that fits on a single CD, SIRIS supports network BMR. The SIRIS device acts as a network boot server allowing the destination system to be booted using PXE Boot (common on almost all systems newer than 2001). SIRIS also supports restoring to smaller volumes, a feature absent in many competing products.

Network Friendly

All devices are configured with multiple gigabit network interfaces that are autocrossover. Name brand network adapters ensure high reliability. Each appliance communicates using industry standards like CIFS, NFS, and HTTP SSL ensuring maximum compatibility. Every device comes configured for DHCP, enabling easy setup.

SIRIS

About American Printware

We are committed to providing you with the most reliable and easy to use data backup and recovery service using the latest technologies.

Please contact us for prices or free assessment at the address below:

	Datto SIRIS	Datto SIRIS Lite	Datto ALTO	Datto G Series
On-Site Backup	✔	✔	✔	✔
Off-Site Backup	✔	✔	✔	✔
Free US Based Technical Support	✔	✔	✔	✔
3-Year Hardware Warranty	✔	✔	✔	✔
Complimentary Device Seeding	✔	✔	✔	✔
Bare Metal Restore	✔	✔	✔	Optional
Unlimited Server & Desktop Licensing	✔	✔		
SpeedSync™ Granular Agent Syncing	✔	✔	✔	
Shadowsnap™ Advanced Deduplication	✔	✔	✔	
Inverse Chain Technology™	✔	✔	✔	
Advanced File Level Restore	✔	✔	✔	
Instant Off-Site Virtualization	✔	✔	✔	
VMDK/VHD Export	✔	✔	✔	
Hybrid Virtualization™			✔	
Screenshot Backup Verification	✔		✔	
Message Level Exchange Recovery	✔	✔	Optional	
Granular SharePoint Recovery	✔	✔	Optional	
Instant On-Site Virtualization	✔			

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www.apwi.com/BusinessContinuity.html