ENTERPRISE BUSINESS CONTINUITY
BUILT FROM THE GROUND UP

SIRIS 2 Product Lines:

Business: 500GB to 2TB

Professional: 1TB to 5TB

Enterprise: 5TB to 36TB

Jomar Datto SIRIS 2 delivers the most aggressive Recovery Time Objective (RTO) of any backup, disaster recovery (BDR) and business continuity solution available today. It is the ideal solution for businesses for whom downtime is not an option. SIRIS 2 offers the best protection for a business's mission-critical applications, delivered via the most robust and flexible technology on the market today.

Datto SIRIS 2 is the only BDR and Intelligent Business Continuity solution to offer instant local and off-site virtualization, Screenshot Backup Verification, and Backup Insights™ all from one simple management interface.

Datto SIRIS 2 features improvements that make it easier to deploy, scale and manage than ever before. The new, powerful Backup Insights tool gives you a complete picture of how files and folders have changed over time, adding versioning to the robust file restore capabilities. Full off-site file restores are now possible, too — in a true disaster, you can recover key documents even before the lightning-fast off-site virtualization process has begun, right from the management portal.

Datto SIRIS 2 is now available in three separate lines to better fit the needs of a wide array of small, medium, and enterprise customers (See chart at left). All devices come with solid-state OS drives and feature hot-swappable drive bays. SIRIS 2 Business packs serious performance in a convenient mini-tower, while the SIRIS 2 Professional and SIRIS 2 Enterprise deliver breakthrough rackmount performance, with up to 36TB in backup storage and 1TB RAM.

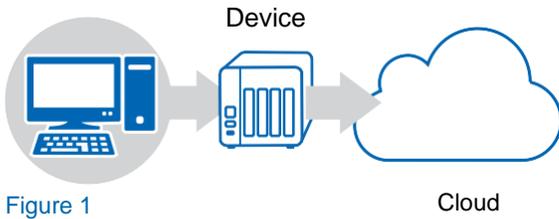For mission-critical applications of all sizes, SIRIS 2 gives you the absolute best in business continuity.

Device

Cloud

Figure 1

Figure 2

Figure 3

Hybrid Cloud

Datto utilizes Hybrid Cloud technology to improve redundancy and give users greater protection of their systems and data. Hybrid Cloud continuity is simple in concept yet robust in feature set; it leverages the advantages of local backup and the security of the cloud.

It starts with workstations and servers protecting data locally across the Local Area Network (LAN) to the Datto appliance. From there it is automatically transmitted to the secure Datto cloud. This technology improves fault tolerance while reducing the reliance on bandwidth speed. The local Datto device can act as a restore hub for everything from files to application and system fail over, it can also act as a staging environment for off-site transfer. Scheduling off-site data transfers can be critical for bandwidth management and carries no risk of having unsaved backups. In addition, should the local device be compromised data that was transferred to the Cloud can act as a replica site for the business. A local only backup option cannot ensure data integrity should a site wide disaster occur. Image-based backup is a superior technology vs. outdated tape and disc. (See Figure 1)
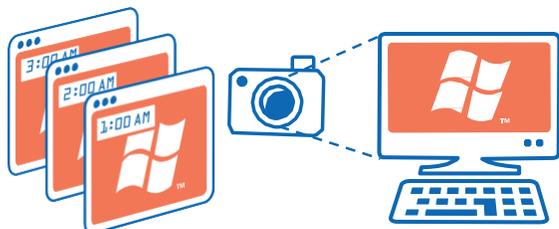
Image-Based Backup

Datto SIRIS 2 uses image-based backup technology to take a complete picture of the workstation or server. Advantages include quick full system restores, easy recovery of individual files, bare metal restores (BMR) capability, and the ability to boot individual backups as virtual machines. (See Figure 2)

Screenshot Backup Verification

No more guessing if your backup is working properly. SIRIS 2 boots backups as virtual machines, capturing an image of the login page to give you visual proof that your data has been successfully backed up. An industry first. (See Figure 3)

Instant Local Virtualization

Should a business experience a server failure, the system can be virtualized instantly on the Datto device. The advanced web interface allows for configuration of CPU and memory resources. Networking resources can also be configured dynamically, allowing for changes to be made without restarting the virtual machine. With the system now virtualized, the business can operate "business as usual" until it has the time to fix its server issue, without compromising any data or incurring any downtime.

Instant Off-Site Virtualization

Datto protects businesses from site-wide outages using instant off-site virtualization. In the event of a local disaster like as a fire or flood, the entire network can be recreated in the secure Datto cloud in a matter of minutes. Secure connections are provided to employees and a business can resume normal operations.

eDiscovery Software

eDiscovery gives Datto users the ability to search keywords within their backup data, emails, and attachments and review in an easy to read format. Powered by the industry-leading Kroll On-Track software, it is compatible with dozens of file formats and systems including Microsoft Exchange and Share-Point.

ShadowSnap™

Datto utilizes the image-based ShadowSnap™ agent, developed in conjunction with StorageCraft. ShadowSnap is based on the premise of dual backup engines: application-aware VSS by default, with the engine as a safety net. ShadowSnap is particularly useful in performing bare metal restores as it supports dissimilar hardware.
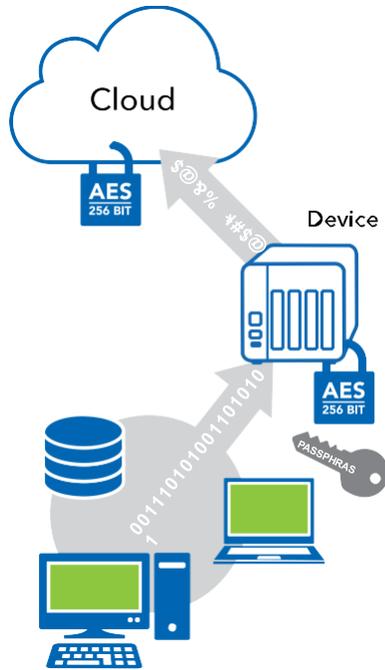
End-to-end encryption prevents data viewing, tampering or theft during the entire continuity process.

Figure 4

Figure 5

Inverse Chain Technology™

Datto's proprietary Inverse Chain Technology eliminates the problem of broken backup chains – the place where most issues arise in the backup process.

Each time a backup occurs data is saved in a universal virtual file format (VMDK). These backups are not dependent on previous snapshots, giving you the freedom to change retention and delete snapshots without resetting the chain or having to take a new base image. Since each backup is a fully bootable virtual machine, there is no need for complex, time-consuming conversion processes before performing a restore. Data is always available immediately, both on and off-site, for near-instantaneous recovery and virtualization.

End-to-End Encryption

All data is protected by AES-256 encryption both in transit and in the cloud. Additionally, users have the option to encrypt data locally, and passphrases can be specified per appliance or per protected machine to meet compliance regulations. (See Figure 4)

Bare Metal Restore

Restore full machines quickly and efficiently through our Bare Metal Restore (BMR) process. Kick the process off with a PXE (network) boot, or just image a USB thumb drive with the included wizard. Go from physical machines to virtual (P2V) or vice versa with our unique dissimilar hardware tool that allows for maximum flexibility when restoring. No drives or cables are needed as the process runs over the local network.

Hot-Swappable Drive Bays

Datto's unmatched upgrade policy means you can implement the appliance that fits your needs today, then upgrade to a larger capacity unit later on. Hot-swappable drive bays mean most upgrades can be done right in the field.

Backup Insights

Would you like the power to see what happened in between backup points? Have you ever needed to find a folder that was deleted, and you need to know when and where? Or, do you need to determine which files were affected by a virus? Datto's proprietary Backup Insights can give you the answers you need, fast.

Backup Insights has the ability to identify file and application changes between any two backup points. It recovers files and applications directly from the interface with almost no information about when they were lost or even where on the machine they resided. Users can intelligently track trends over time to see what files have been created, modified and deleted. This tool is extremely easy to use and can be accessed right from the user interface. In a matter of seconds you can simultaneously mount points and see all files broken down with an easy to read file tree. (See Figure 5)
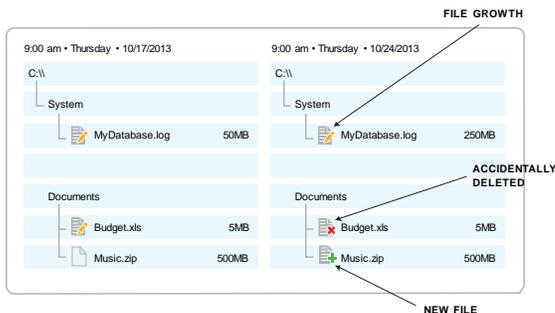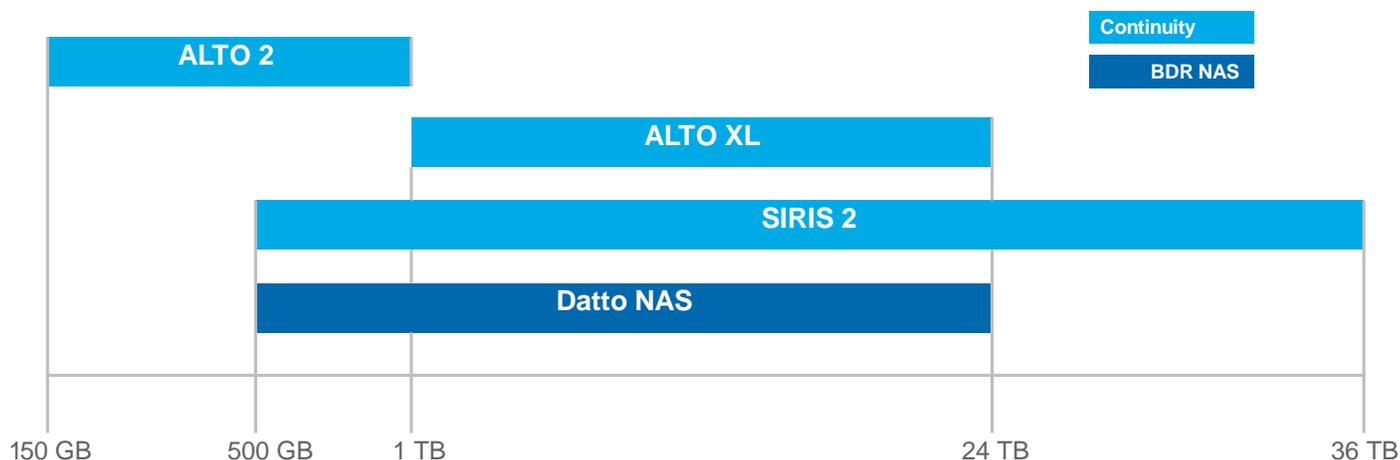
JOMAR HOSTING
Efficiency Through Cloud Computing

	Continuity
	BDR NAS

ALTO 2 — 150 GB to 1 TB
ALTO XL — 1 TB to 24 TB
SIRIS 2 — 500 GB to 36 TB
Datto NAS — 500 GB to 24 TB

150 GB   500 GB   1 TB   24 TB   36 TB

	Datto SIRIS 2	Datto ALTO XL	Datto ALTO 2	Datto NAS
	Medium to enterprise businesses	Small to medium businesses	Small businesses	Businesses of any size
Local Storage Capacity	**500GB – 36TB**	**1TB – 24TB**	**150GB – 1TB**	**500GB – 24TB**
Instant On-Site Virtualization	X			
Instant Off-Site Virtualization	X	X	X	
Hybrid Virtualization™		X	X	
Granular Agent Syncing	X	X	X	
ShadowSnap Agent	X	X	X	
Local and Off-Site File Level Restore	X	X	X	X
VMDK/VHD Export	X	X	X	
Inverse Chain Technology™	X	X	X	X
Screenshot Backup Verification	X	X	X	
Unlimited Cloud Storage Capabilities	X	X	X	X
Message Level Exchange Recovery	X	X	Optional	
Granular SharePoint Recovery	X	X	Optional	
End to End Encryption	X	X		
Backup Insights™	X	X		
Unlimited Server & Desktop Licensing	X	X		
24/7/365 Technical Support	X	X	X	X

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