

**SIRIS 2**

**ENTERPRISE  
BUSINESS  
CONTINUITY  
BUILT FROM  
THE GROUND  
UP**

|                                      |  |                                       |                                  |
|--------------------------------------|--|---------------------------------------|----------------------------------|
| SIRIS 2<br>Business:<br>500GB to 2TB | SIRIS 2<br>Professional:<br>1TB to 3TB | SIRIS 2<br>Enterprise:<br>5TB to 60TB | Virtual<br>SIRIS:<br>1TB to 50TB |
|--------------------------------------|--|---------------------------------------|----------------------------------|



**Datto SIRIS 2** delivers the most aggressive Recovery Time Objective (RTO) of any backup, recovery, 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 backup, recovery, and business continuity solution to offer instant local and off-site virtualisation, 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. ownCloud on SIRIS gives users the capability to sync and share files from a local SIRIS device no matter where they are. The 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 virtualisation process has begun, right from the management portal.

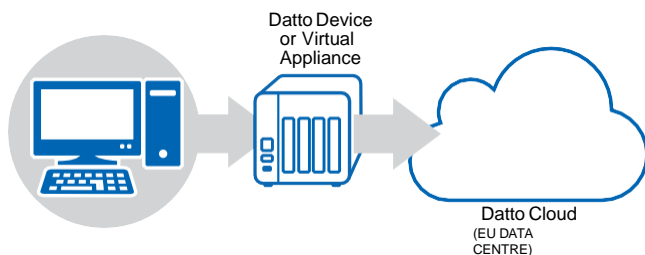
Datto SIRIS 2 is available in four distinct lines to better fit the needs of a wide array of small, medium, and enterprise customers. SIRIS 2 Business packs serious performance in a convenient mini-tower, while SIRIS 2 Professional and SIRIS 2 Enterprise deliver breakthrough rackmount performance, with up to 60TB in backup storage and 1TB RAM. Virtual SIRIS protects both virtual and physical systems, with local storage capacity ranging from 1TB to 50TB.

For mission-critical applications of all sizes, the entire SIRIS family gives you the absolute best in business continuity to protect Windows and Linux machines.

## Hybrid Cloud

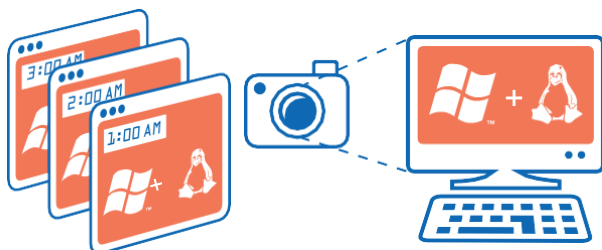
Datto utilises Hybrid Cloud technology to improve redundancy and give users greater protection of their systems and data. Hybrid Cloud continuity is simple in concept yet robust in feature set; it leverages the advantages of local backup and the security of the cloud.

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 Datto 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.



## 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.



## 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 Ontrack software, it is compatible with dozens of file formats and systems including Microsoft Exchange, SharePoint, and SQL server.

## 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.



## Instant Local Virtualisation

Should a business experience a server failure, the system can be virtualised 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 virtualised, 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 Virtualisation

Datto protects users from site-wide outages using instant off-site virtualisation. In the event of a local disaster such 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.

## 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 virtualisation.

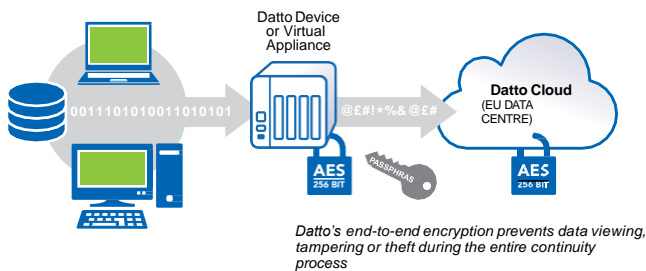
### ShadowSnap™ by StorageCraft®

Datto uses ShadowSnap by StorageCraft to create image-based backups. ShadowSnap features multiple backup methods: application-aware VSS snapshots by default and the StorageCraft Volume Snapshot Manager direct method as a safety net.

ShadowSnap is particularly useful in performing bare metal restores as it supports recovery on dissimilar hardware.

### End-to-End Encryption

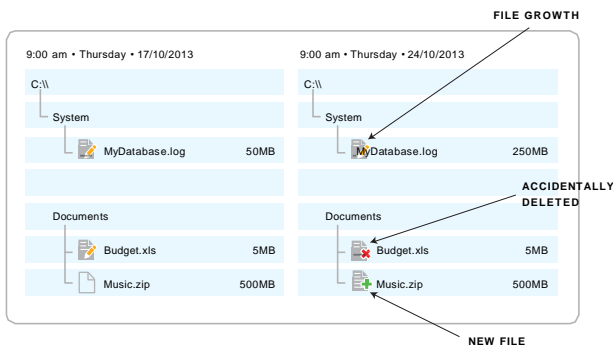
All data is protected by AES-256 encryption both in transit and in the cloud. Additionally, users have the option to encrypt data locally, and passphrases can be specified per appliance or per protected machine to meet compliance regulations.



### Backup Insights™

Have you ever needed find a folder that was deleted, and you need to know when? 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.



### 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 deploy the appliance that fits your business today, then upgrade to a larger capacity unit later on. Hot-swappable drive bays mean most upgrades can be done right in the field.

### Multiple Appliance Platforms

Virtual SIRIS supports VMware as an appliance platform. Our Intelligent Business Continuity solution can now be purchased as a virtual appliance on virtual infrastructure in addition to our physical hardware.

### ownCloud on SIRIS

Datto is proud to partner with ownCloud to deploy the Enterprise Edition v7 of their solution to SIRIS 1, SIRIS 2 and Virtual SIRIS devices. This new best-in-class file sync and share utility lets users access files from anywhere using desktop or mobile clients and synchronises changes to keep files up to date all while storing the data right on their SIRIS in their local infrastructure rather than relying on a public cloud. And because you can manage the onsite hardware and can establish granular access restrictions, users get enterprise level simplicity and security unmatched by consumer file sharing services.

## Solutions for businesses of any size:



|   | Datto SIRIS 2                   | Virtual SIRIS                   | Virtual ALTO                    | Datto ALTO XL              | Datto ALTO 2     | Datto NAS              |
|---|---------------------------------|---------------------------------|---------------------------------|----------------------------|------------------|------------------------|
|   | Medium to enterprise businesses | Medium to enterprise businesses | Medium to enterprise businesses | Small to medium businesses | Small businesses | Businesses of any size |
| Instant On-Site Virtualisation            | 4                               | 4                               |                                 |                            |                  |                        |
| Instant Off-Site Virtualisation           | 4                               | 4                               | 4                               | 4                          | 4                |                        |
| Hybrid Virtualisation™                    |                                 |                                 | 4                               | 4                          | 4                |                        |
| Local and Off-Site File Level Restore     | 4                               | 4                               | 4                               | 4                          | 4                | 4                      |
| VMDK/VHD Export                           | 4                               | 4                               | 4 <sup>1</sup>                  | 4                          | 4                |                        |
| Inverse Chain Technology™                 | 4                               | 4                               | 4                               | 4                          | 4                | 4                      |
| RoundTrip Device Seeding                  | 4                               | 4                               | 4 <sup>2</sup>                  | 4                          | 4                | 4                      |
| Screenshot Backup Verification            | 4                               | 4                               | 4 <sup>3</sup>                  | 4                          | 4                |                        |
| Bare Metal Restore                        | 4                               | 4                               | 4 <sup>4</sup>                  | 4                          | 4                |                        |
| Granular Exchange and SharePoint Recovery | 4                               | 4                               | 4                               | 4                          | 4                |                        |
| End-to-End Encryption                     | 4                               | 4                               | 4                               | 4                          |                  |                        |
| Unlimited Cloud Storage Capabilities      | 4                               | 4                               | 4                               | 4                          | 4                | 4                      |
| Backup Insights™                          | 4                               | 4                               | 4                               | 4                          |                  |                        |
| ownCloud on SIRIS                         | 4                               | 4                               |                                 |                            |                  |                        |
| Unlimited Agent Licensing                 | 4                               | 4                               | 4                               | 4                          |                  |                        |
| 24/7/365 Technical Support                | 4                               | 4                               | 4                               | 4                          | 4                | 4                      |
| Appliance Type                            | Physical                        | Virtual                         | Virtual                         | Physical                   | Physical         | Physical               |
| Deploy to paid VMware vSphere             | N/A                             | 4                               | 4                               | N/A                        | N/A              | N/A                    |
| Deploy to VMware vSphere Free Hypervisor  | N/A                             |                                 | 4                               | N/A                        | N/A              | N/A                    |
| Deploy to Microsoft Hyper-V               | N/A                             |                                 | 4                               | N/A                        | N/A              | N/A                    |
| Deploy to Citrix XenServer                | N/A                             |                                 | 4                               | N/A                        | N/A              | N/A                    |

1. USB Export not available on Virtual ALTO for Hyper-V or XenServer platforms.  
 2. Device seeding on Virtual ALTO for Hyper-V and XenServer platforms requires Datto-provided RoundTrip NAS unit  
 3. Screenshot Backup Verification not available on Virtual ALTO for Hyper-V or XenServer platforms.  
 4. Bare Metal Restore not available on Virtual ALTO for Hyper-V or XenServer platforms.



Datto devices use the award-winning ShadowSnap™ by StorageCraft agent to capture data change on Windows systems.



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### About Datto

Datto is an innovative provider of comprehensive backup, recovery and business continuity solutions used by thousands of businesses worldwide. Datto's 140+ PB purpose-built cloud and family of software and hardware devices provide Total Data Protection everywhere business data lives, for businesses of every size.

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Protect your data no matter where it lives with Datto's complete product line

**SIRIS**  
 • SIRIS2  
 • VirtualSIRIS

**ALTO**  
 • ALTO2  
 • ALTOXL  
 • VirtualALTO

**DATTO NAS**  
**GENESIS 2**

**BACKUPIFY**  
 • Office365  
 • Google Apps  
 • Salesforce  
 • SocialMedia