# datto

Datto SIRIS

Business Continuity and Disaster Recovery

Datto SIRIS is fundamentally different than traditional backup and recovery solutions. Utilizing a cloud-first approach, Datto SIRIS delivers an all-in-one solution that incorporates local backup and DR with recovery with a secure, cloud-based repository and full disaster recovery in the cloud. All of this administered from a secure cloud portal that provides the ability to view, manage and recover data from a single interface.

Simplicity is a guiding design principle for SIRIS. From hardened backup applicances to software-only options, organizations can implement the solution that fits their requirements and business needs.

SIRIS Appliance	SIRIS Imaged	SIRIS Virtual
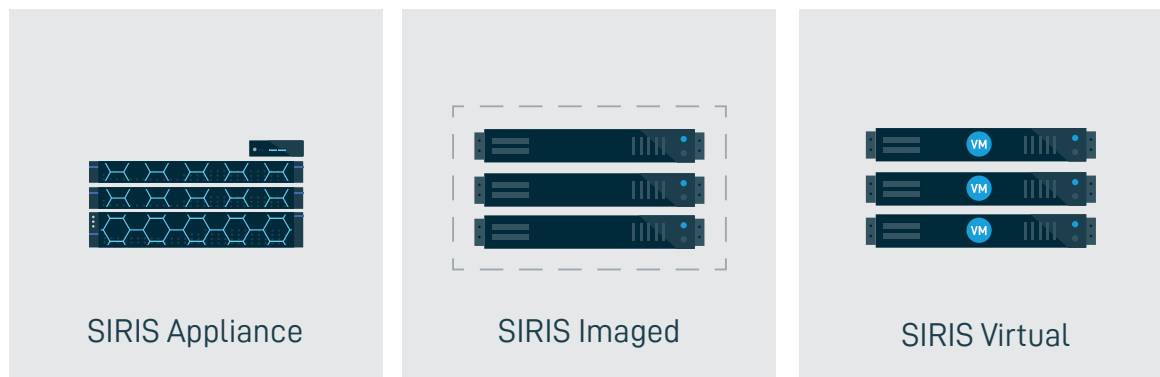
SIRIS can be easily deployed as an all-in-one, secure SIRIS appliance, or be provisioned to existing hardware as a VM or an image.

Since SIRIS was built from the ground up for modern IT, it sets the standard for reliability and ease-of-administration. Unlike legacy backup and recovery solutions that were created pre-cloud era, SIRIS was designed for organizations that want a secure cloud administration portal that requires less administrative overhead while making backup and recovery management simple yet powerful.

SIRIS cross-platform support enables organizations to protect their data anywhere it lives, from physical servers to virtual machines running Windows Server or Linux.
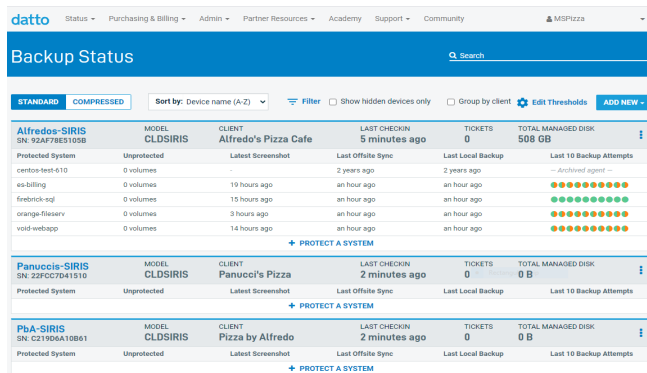
Innovative features include:

- Inverse Chain Technology™ for reliable backup

- Patented ransomware scanning

- Patented Screenshot Verification for recovery assurance

- Intuitive Recovery Launchpad for failproof recovery

- Patented Fast Failback™ to primary system after a disaster

- Instant virtualization recovery, local or in the cloud

Simply Powerful

Whether you choose to deploy SIRIS as a hardened, all-in-one appliance from Datto or a fully integrated software running on your hardware, you have taken the first step to ensuring the safety and recoverability of your data.

Complexity leads to high administration costs and cumbersome implementation. With SIRIS, new servers and virtual machines can be protected in minutes. Backup and recovery administration is a breeze with the centralized backup portal that enables managing all functions from a single interface.

Datto Backup Portal gives single-pane-of-glass view.

Reliability issues can lead to downtime and lost productivity which is why reliability begins with knowing your backup is always good. Datto's Advanced Backup Verification with patented Screenshot Verification eliminates the need to worry if the system will boot or be recoverable by automatically verifying backups will boot with all data intact and no ransomware, giving you confidence in your backups and ability to restore.

When it comes to reducing RTO (Recovery Time Objective while providing granular RPOs (Recovery Point Objective Datto's Inverse Chain Technology™ fundamentally changes the way backup and recovery is done. Unlike legacy backup solutions that complicate backup with dependencies between full and incremental images, Datto's Inverse Chain Technology eliminates dependencies and allows for every incremental snapshot to be a fully constructed recovery point.
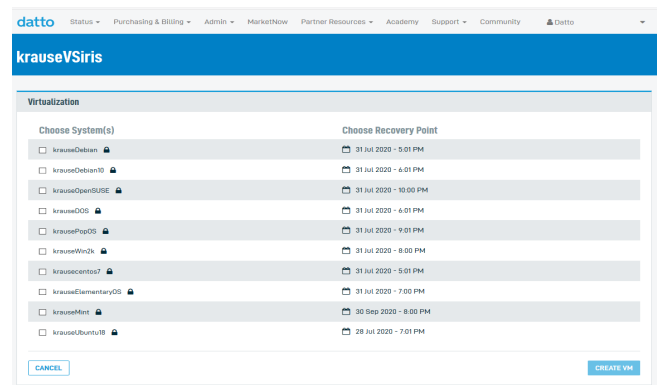
Inverse Chain Technology™ make every snapshot backup a recovery point.

Beyond Backup

SIRIS is the definition of modern backup and recovery, which is why Datto defines SIRIS as an all-in-one business continuity and disaster recovery (BCDR) solution. By unifying backup with disaster recovery, SIRIS delivers the following key benefits:

- **Instant Virtualization can recover a system in seconds**
  - In the Datto Cloud
  - On local hardware or the SIRIS appliance
- **Multiple recovery options**
  - File restore to recover deleted or corrupted files or folders
  - Rapid Rollback to quickly undo widespread changes caused by ransomware
  - Image Export for full virtual server restore
  - Bare Metal Recovery to re-image a server to new hardware

Given the criticality of restore Datto further simplifies recovery with the Recovery Launchpad which is accessed from the secure backup portal.

Datto Recovery Launchpad makes recovery failproof.

"Datto is all-in-one failover protection for someone's business. It gives the owners a peace of mind as it backs up every piece of data housed on a server and stores that image, not only locally, but in the cloud as well"
- BNB Technology

Not Just a Cloud, The Datto Cloud

The immutable Datto Cloud is the purpose-built backup and recovery cloud that provides maximum flexibility for organizations of all sizes.

- Purpose built for backup & recovery
- Immutable design
- Exabyte class, infinite scalability
- Geographically distributed
- Exclusive Cloud Deletion Defense™
- Over 15,000 restores per month
- Protecting over 1 million end clients

The Datto Cloud is the backbone for SIRIS by not only providing offsite images of backups but protecting them from harm through multiple layers of protection. Organizations can be assured that their data is secure and recoverable. And in the case of a recovery, the Datto Cloud offers more functionality and better performance at a lower cost than similar solutions.

Extraordinary Features

A powerful combination of features brings enterprise class data protection to organizations of any size.

- **Full VMware and Microsoft Hyper-V support**
  - Complete system image backup
  - Granular backup down to 5-minute increments
  - File or image level restore
  - Instant recovery, local or cloud
  - ESXi upload capability
- **Flexible data retention**
  - Time based retention
  - Infinite cloud-based retention
  - Local only or private cloud retention
- **Application and database support**
  - Microsoft SQL Server
  - Microsoft Exchange Server
  - Microsoft SharePoint
- **Industry leading features**
  - Inverse Chain Technology™ backup
  - Fast Failback™ to revert to the original system
  - Backup Insights™ to see what changed between backups and optionally restore

Security in a Ransomware World

If backup is the last line of defense, what happens when backup comes under attack? Malware and hacking have spread beyond end-client files and servers to backup vendors themselves. Therefore, security is a key tenet to SIRIS with features that span login to the cloud:

- Two factor authentication Datto Backup Portal login
- Hardened backup appliance
- Backup copies kept in the immutable Datto Cloud to protect from attacks like ransomware
- Cloud Deletion Defense™ to "undelete" malicious or accidental agent or backup snapshot deletion
- Backup files that cannot be corrupted by ransomware

Attackers, especially those who spread ransomware, have set their sights on backup solutions in order to make recovery impossible. SIRIS not only includes multiple security layers to protect client data but is backed by a team of in-house security professionals whose sole job is to protect client data.

Better Built DRaaS

Disaster Recovery as a Service, or DRaaS is an often-used term for providing a service to recover a server, file or image from and in the cloud.

While some solutions simply connect to a public cloud, which can be costly and provide inconsistent performance others rely upon a complex, tiered approach than can also lead to variable costs associated with cloud-based recovery.
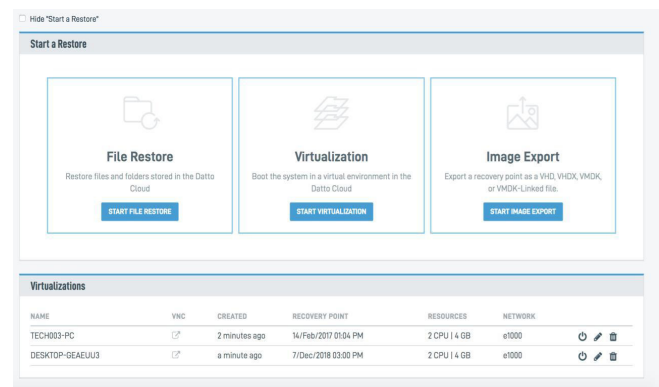
Recover servers and images in the Datto Cloud.

What Unified Backup Means

Built for organizations to ensure their business is always on and resilient to disasters, SIRIS is a part of the Datto Unified Backup family that protects data wherever it lives.

The Datto Cloud is the cornerstone of Datto's Unified Backup as it serves as the repository not only for SIRIS, but for Datto Backup for Microsoft Azure, Datto SaaS Protection, Datto Endpoint Backup for Servers and PCs.

Lastly, Datto's support team provides the "experts behind the experts" 24 by forever support for MSPs. No matter how big or small the issue, Datto has your back.

Datto SIRIS — Cloud First Data Protection

Software Reviews
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BACKUP AND AVAILABILITY

datto

Corporate Headquarters
Kaseya Miami
701 Brickell Avenue
Suite 400
Miami, FL 33131
datto.com