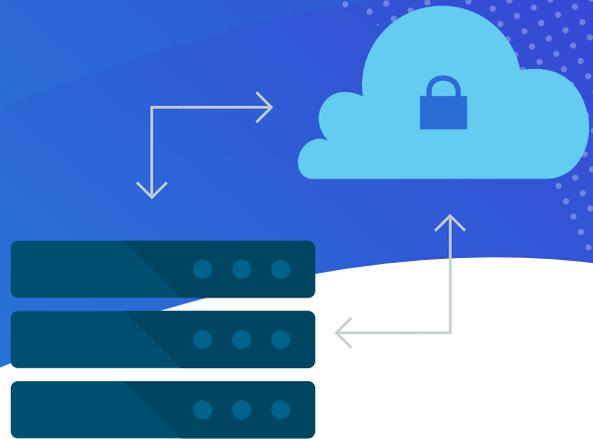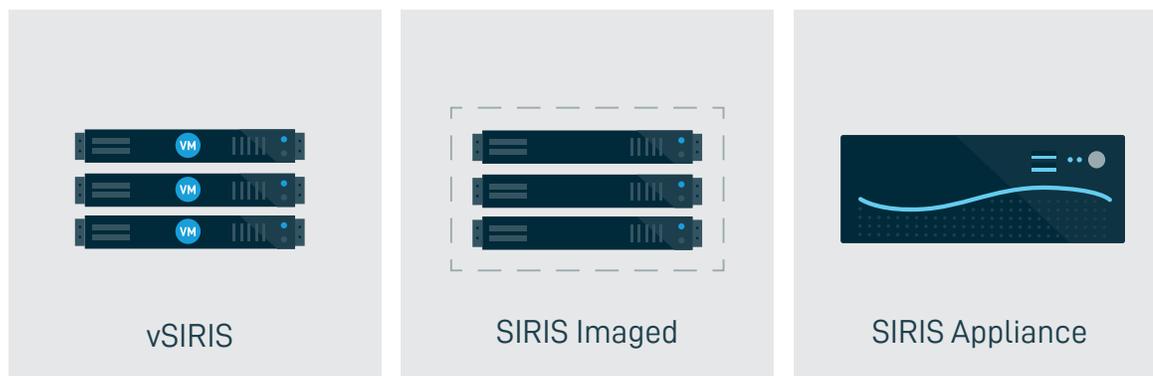# SIRIS

SIRIS Business Continuity and Disaster Recovery

SIRIS is fundamentally different than traditional backup and recovery solutions. Utilizing a cloud-first approach, managed service providers (MSPs) can offer their clients an all-in-one solution that incorporates local backup and recovery with a secure, cloud-based repository and full disaster recovery in the cloud. All of this is administered from a multi-tenant cloud portal that allows MSPs to view, manage and recover client data from a single interface.

Simplicity is a guiding design principle for SIRIS. From deployment flexibility that spans a software-only implementation to hardened backup appliances, MSPs can implement the solution that fits their client's requirements.

vSIRIS

SIRIS Imaged

SIRIS Appliance

SIRIS can be deployed on existing hardware as a VM or image, or via the hardened SIRIS Appliance.

Since SIRIS was built from the ground up for MSPs, it sets the standard for reliability and ease-of-administration. Unlike traditional solutions that were created for end clients, SIRIS was designed for the MSP and requires less administrative overhead while making management of 1000 clients as easy as it is for 1.

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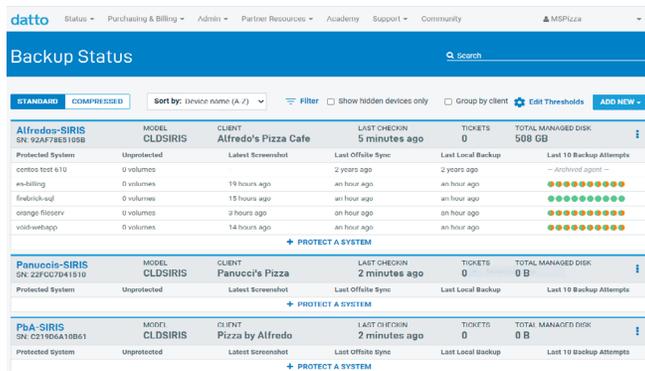
Innovative features include:

- 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 fully integrated software running on your own hardware, or as a hardened, all-in- one appliance from Datto, your clients will reap the benefits.

Complexity leads to high administration costs and cumbersome implementation. With SIRIS, new clients can be on-boarded in minutes. Backup and recovery administration is done via the centralized cloud backup portal that allows MSPs to remotely view and manage all clients from a single interface.

Datto Backup Portal gives MSPs a centralized, client-wide view.

Reliability issues can lead to client churn, 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 the 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 allows for every incremental snapshot to be a fully constructed recovery point.
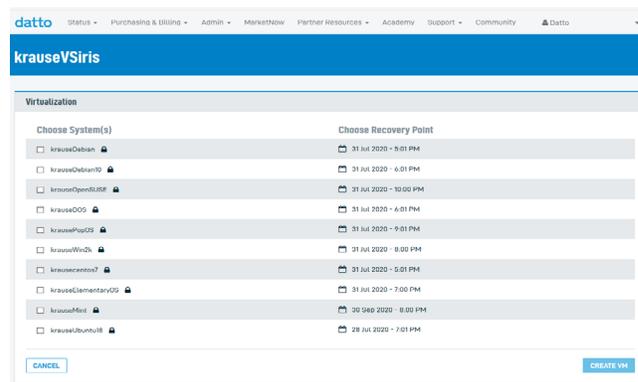
Inverse Chain Technology™ make every snapshot backup a recovery point.

Beyond Backup

Simplicity in design does not mean lack of innovation. 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 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 such as ransomware infection
  - 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 MSPs and their clients.

- 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. MSPs can be assured that their client's 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 enables MSPs to bring enterprise class data protection to clients of any size.

- **Full VMware and Microsoft HyperV 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
  - Patented Fast Failback™ to revert to the original system
  - Backup Insights™ to see what changed between backups with the option to 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 MSPs and 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.
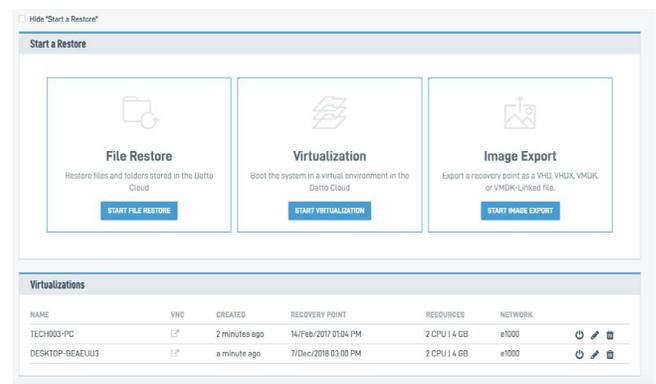
Recover servers and images in the Datto Cloud

SIRIS DRaaS utilizes the Datto Cloud so that MSPs get a best-in-class solution with a predictable cost model.

- **Flat fee DRaaS**
  - No compute costs
  - No complicated tiers
  - No cost DR testing
  - No reverse round-trip fee

What Unified Continuity Means

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

The Datto Cloud is the cornerstone of Datto's Unified Continuity as it serves as the repository not only for SIRIS, but for Datto Cloud Continuity for Microsoft Azure, Datto SaaS Protection and Datto's PC backup solution.
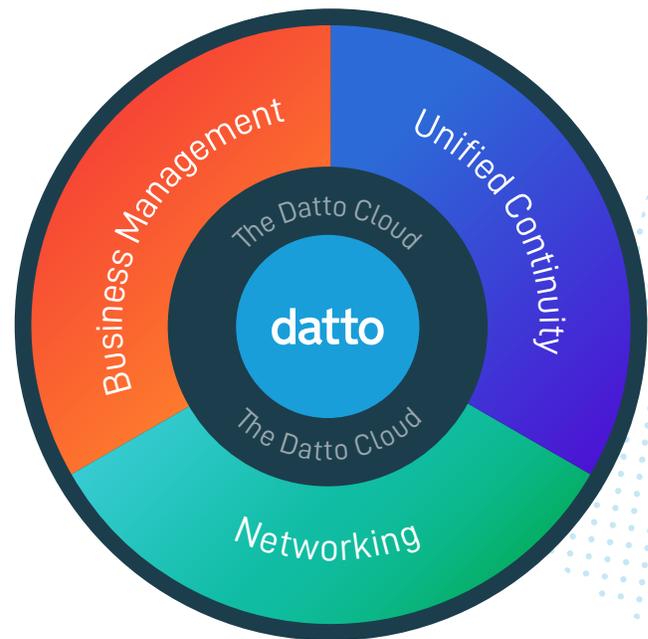
Born for the MSP

SIRIS was built to save the MSP time without cutting corners by simplifying and automating complex tasks. The solution works right out of the box, no certifications are required, and technicians can easily get up to speed with training available in the same place they manage the products, Datto's Partner Portal. The Partner Portal is a single-pane-of-glass for MSPs to easily manage all Datto products and services, make purchases, train new employees, and much more.

SIRIS and the Partner Portal also easily integrate with the most common PSA, RMM, and other business tools. That means integration points where you need them most, creating better workflows for efficient management and client support.

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.

One Datto

Most vendors do not build an understanding of the day-to-day needs of the MSP into their offerings. Datto's offerings are centered around meeting MSP business needs and powering MSP success. That is why we offer a complete suite for the MSP with One Datto that encompasses SIRIS, Datto Continuity for Microsoft Azure, SaaS Protection, Networking, RMM and PSA on an integrated single platform.

Datto SIRIS — Born for the MSP