

# Cloud-integrated Data Protection and DR

From CAS



## We help you define and deliver cloud-integrated data protection for high availability.

In the multi-cloud world, we have seen the majority of our clients move to active-active data centers with cloud integrated disaster recovery and data protection. The outcome? An always-on business capable of withstanding operational issues and outages as well as larger-scale issues.

We help you define and deliver:

- Multi-site active-active data centers and fault tolerance.
- Cloud-integrated data protection and data recovery.
- Archive and data compliance solutions for SaaS and IaaS as well as on-prem workloads.
- Data security, compliance and encryption.

### Multi-Site Active-Active Data Center Architectures

We have delivered multi-data center availability for more than 20 years. We can help you determine what recovery point and recovery time objectives make the most sense for your applications, and balance cost with a new level of availability you may not have thought was possible.

We design these solutions based on your preferred technologies, and work with all the major suppliers and technologies, including IBM (Storage as well as AIX, IBM i and Linux), HPE, Dell EMC, VMware, Nutanix, and more.

### Cloud-Integrated Data Protection

We help our clients with three use cases for cloud integrated data protection:

- Archive less relevant data to the cloud, eliminating tape or expensive deduplication appliances with inexpensive cloud storage.
- Provide a DR copy out of region in the cloud for recovery of regional issues or disasters.
- Backing up IaaS and certain PaaS workloads from AWS, Azure, Google and IBM.

We work with the best technologies to enable these use cases, including but not limited to:

- IBM for our large enterprise users, and users of next gen workloads like Big Data and HPC.
- Rubrik for a simplified next-gen approach to data protection.
- VEEAM for simplified and inexpensive enterprise data protection.
- Additional partners include HYCU, Cohesity, HPE and Dell EMC.

### Data Protection and Storage Demonstrations

The CAS Innovation Center offers demonstrations on more than 10 data protection and storage solutions, from elastic to software-defined. We invite you to see these solutions in action, a proof of concept, or even set up training for your staff.

### Office 365 and SaaS Data Protection

Did you know Gartner typically recommends backing up your Office 365 environments? Just because it's in the cloud doesn't mean all recovery scenarios you will encounter are built in. We offer cloud-based and on-premise solutions to backing up the unique requirements that come with a 365 deployment. We can help you evaluate your SaaS technology suppliers to determine if their data protection and security practices conform with your corporate standards.

### Data Security for Sensitive Data

While many of the above solutions enable fault tolerance and operational recoveries for issues like Malware attacks, we also provide best-in-class solutions for identifying critical data (such as personally identifiable information or PII) across your database and unstructured/file data sets, encrypting this data and securing the access to this data. More information on this subject can be provided by speaking to our Cybersecurity team.