

# Modern Backup and Recovery for the Cloud Era

## SIMPLE. FLEXIBLE. FAST.

### Today's Data Protection Challenges

In today's application driven, cloud agnostic world, many organizations still rely on legacy, multiple point backup and recovery products that consist of backup software, target storage, media and master servers, and cloud gateways, all from different vendors, resulting in mass data fragmentation. With slow backups and long recovery times of their existing backup products, organizations are unable to meet their tight business SLAs. Constant forklift upgrades and complex management UIs make it expensive to operate the current backup and recovery environments. The legacy approach backup approach is inadequate to protecting modern workloads, including Hadoop Distributed File Systems, NoSQL distributed databases, containerized and SaaS applications that further exacerbate the complexity.

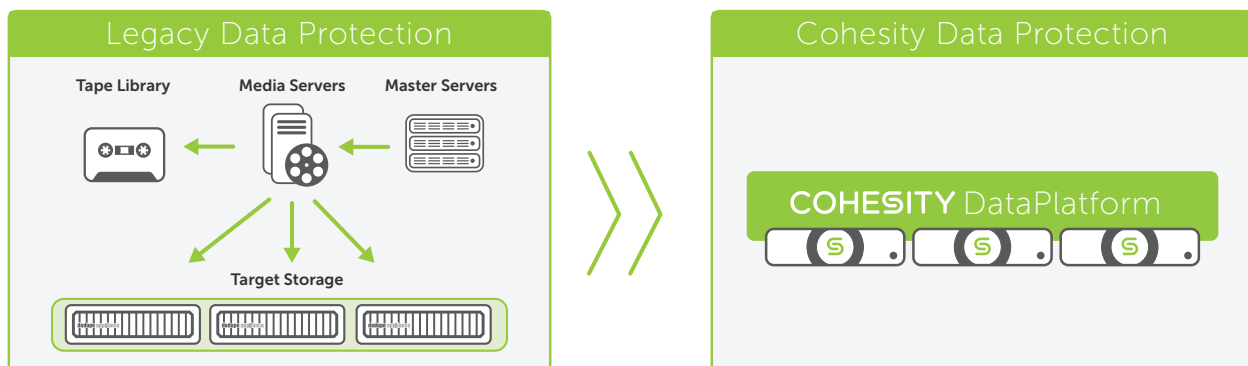
There has to be a simpler, more cost-effective way to keep your data from traditional and modern sources safe. This is the problem that Cohesity is designed to solve, with an entirely new approach to data protection.

### Rethink Your Backup and Recovery

Cohesity simplifies your data protection by converging backup, recovery, replication, and disaster recovery on a single, hyperconverged, cloud-native data management solution. As a unified, scale-out platform, Cohesity eliminates legacy backup and recovery silos, and simplifies your management with a single UI and policybased automation. Meet your tight business SLAs with rapid RPOs and instant mass restore to any point in time. With a software-defined architecture, extend Cohesity's on-premises advantages to the public cloud and edge. Reduce your data center footprint with global variable-length deduplication, while guaranteeing data resiliency with strict consistency at scale.

### KEY BENEFITS

- Simple, converged data protection
- Support traditional and modern workloads
- Cloud archival, tiering and replication
- Single UI with policy-based automation
- Web-scale platform with global dedupe
- Non-disruptive upgrades and expansion
- Rapid RPOs and near instant recovery
- Make backup data productive for test/dev, compliance, security and analytics



COHESITY	LEGACY
Hyperconverged platform	Siloed media servers and targets
Single management UI with policy-based protection	Multiple, fragmented UIs to configure backup workflows
Cloud native	Cloud gateway
Limitless, transparent scale-out	Scale up with forklift upgrades
Instant mass restore, unlimited VMs, any point in time	Slow restores, limited VMs
Best-in-class efficiency with global in-line variable length block dedupe with compression	Local and/or fixed block dedupe with compression
Online upgrades and expansion	Disruptive, pre-planned upgrades
Make backup data productive for test/dev, compliance, security and analytics.	Just a backup

**Cohesity Converged Backup and Recovery Advantage**



**Web-Scale with Best-In-Class Space Efficiency**

Eliminate complex and expensive forklift upgrades with Cohesity, a software-defined, scale-out platform. Optimize your storage capacity with global variable-length deduplication and compression.



**Simple, Automated Data Protection**

Cohesity simplifies data protection on a hyperconverged solution with a single, easy to navigate UI. Meet your SLAs and automate your data protection with policy-based automation and OpenAPI architecture.



**Broad Application and Infrastructure Support**

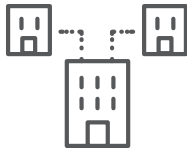
Simplified data management with broad source support for leading hypervisors (VMware, Nutanix AHV, Microsoft Hyper-V, RHEV), traditional and modern databases (Oracle, SQL, MongoDB, Cassandra, CouchbaseDB, Hbase) and applications (SAP HANA, EPIC, Office 365, Kubernetes), big data Hadoop workloads, storage (Pure, NetApp, Cisco, Dell EMC) and physical workloads (Microsoft, Solaris, Linux, AIX).

**Fast Recovery Points and Instant Mass Restore to Any Point in Time**

With proprietary SnapTree® technology, Cohesity stores each backup as a fully hydrated snap, enables instant mass restore of any number of applications to any point in time. Restore hundreds of VMs without any performance degradation with Cohesity.

**Granular Search and Recovery**

Instantly locate your virtual machines and files with Google-like wild-card search. With Cohesity, recover your individual VMs, restore files to source VMs, and recover individual application objects for Exchange, SQL, and SharePoint.

**Off-Site and Long-Term Data Protection**

Cohesity supports myriad of long-term data protection options, including off-site DR, archive to tape, and integration with all public cloud providers.

**Built-in Security**

Cohesity encrypts your data at-rest and in-flight using the AES-256 standard, with optional FIPS certification. Protect against any ransomware attacks with Cohesity by taking frequent backups as often as every five minutes.

**Native Cloud Integration**

Cohesity provides native integration with all the leading public clouds including Amazon Web Services, Microsoft Azure and Google Cloud. Leverage the economics of public cloud with CloudArchive, CloudTier, CloudReplicate and CloudSpin.

**Make Backup Data Productive**

Derive insights from your backup data by running Cohesity and 3rd party applications directly on the Cohesity DataPlatform. Accelerate application development or meet complex compliance, security and deep analytics requirements.