

Responding to the data challenge



Data strategy needs to be framed as an investment and evaluated in terms of its impact on three traditional categories of business value: cost containment, risk reduction and improved productivity.

Put your cloud strategy at the Centre of your business plans.

Our innovative cloud services are secure, offer high availability and excellent resilience and yet have the agility and cost effectiveness to reflect the demands of your business today and for the future.

Where's the best place to store your company's vital and confidential data and records? Well, clearly somewhere safe. But where is that and how do you achieve it? As an IT department, you and your team have more data storage options and data protection solutions than ever before and cloud-based solutions has expanded the already broad horizons of the data landscape even further.

A key challenge presented to us by Data has been created by the proliferation of unmanaged data across unmanaged or poorly managed storage infrastructures. Add to this the challenge of protecting business-critical information, stored on distributed desktops, remote and laptop computers. Addressing this Data challenge, as well as such closely related issues as cost, performance, agility and sustainability, requires a clear data strategy. For obvious reasons, this data strategy must embrace both technology considerations and business requirements.

IT professionals may be adept at assessing technologies and testing their suitability to specific workload requirements. However, the successful design and implementation of a strategy requires buy-in from the business side of the house, if only in the form of budget approval.

The truth is that at this point, your optimal data storage, backup and protection solution may be a blend of technologies. That's the smart way to go if you're seeking the most cost-effective way to protect all your data for both the short and long term.

Business decision makers may not always understand the technical merits of a strategic approach to building such a strategy or the meaning of technical parameters used to describe performance improvements, so a fully formed business value narrative using terms and language familiar to business managers is usually required to tackle data challenges.

That's another way of saying that a data strategy needs to be framed as an investment and evaluated in terms of its impact on three traditional categories of business value: cost containment, risk reduction and improved productivity.

There are many reasons why companies and individuals are looking for new ways to make their data future proof. One important reason is that every type of data storage device or technology in use today is liable to media decay. This is the result of the inevitable advancement in technology.
So what can be done?



Oncore IT is a managed service and cloud platform provider and a specialist in the delivery of business critical systems and infrastructure and data

We focus on the business outcomes that can be delivered through IT investment and innovation. We have an extensive track record, working with a wide range of customers in the last 10 years primarily in the legal, financial and professional services sectors.

The A-B-C strategies begin with a better approach to archiving unstructured data.

An Integrated Approach, Easy as A-B-C

With a single, integrated approach that can manage all types of data, organizations can address today's file and content challenges and prepare for tomorrow's innovation and growth. To help you transition from siloed solutions to an integrated cloud platform, our easy-to-follow A-B-C strategies:

1. Archive 1st.
2. Back up less.
3. Consolidate more.
4. Distributed IT efficiency.
5. Enable e-discovery and compliance.

Step 1: Archive 1st

The A-B-C strategies begin with a better approach to archiving unstructured data. By reducing the load on primary storage, organizations can improve data governance, limit storage sprawl, and reduce overall storage costs by more than 25%. Depending on the specific needs of your business, you could combine our Cloud Content Platform with a variety of additional components to tier data based on its value. Archiving Data whilst still maintaining near instant user initiated retrieval. Removing the payload from the local storage and preventing storage growth. Structured Data is excluded from the process.

Seamlessly tier unstructured data from remote and branch offices, NAS environments, email and other sources out of application or primary storage.

Microsoft SharePoint (No large content databases to manage, reduced backup overhead with no need for ever growing storage)

Step 2: Back Up Less

The 2nd step in the A-B-C strategies involves streamlining the backup process. Doing so can help your organization improve the reliability of its data protection efforts and meet recovery point and recovery time objectives (RPO/RTO) more consistently.

By archiving your data out of primary storage first, you can leverage data protection and preservation features to back up far less data. Disk-based data protection fundamentally changes the way IT organizations can protect their data, and can drastically reduce the requirement of backup. Our Cloud Content Platform protects data by Double Copy protection; using verification before data is committed, ensuring only valid data is stored.

By tailoring your solution to the specific needs of your business with our Cloud Content Platform, our Data Ingestor on-ramp, and a choice of a variety of independent software vendor applications as part of your backup reduction strategy.

Improving your backup processes can lead to many benefits, including: Lower disk, licensing and server costs. Reduced management overhead. Significantly shorter backup and recovery times. Improved data protection and reliability.

Building and deploying a complete end to end storage and data management strategy is paramount to achieving both business and operational objective

Protect and share your business data whatever the size, whatever the business requirement.

OnData is designed to help businesses respond to the challenge of protecting, storing and sharing data. We'll help you balance the cost of risk against the cost for active data whilst effecting strategies for inactive and archived data.

Eliminating inefficiency and reducing complexity

Step 3: Consolidate More

Today's NAS environments suffer from massive data growth, which results in the proliferation of file servers and their related storage and backup systems. This leads to inefficient use, increasing management costs and complexity, wasted capacity, slower performance of primary systems, and an uneven cost-to-value ratio of data and storage.

By consolidating to our cloud platform or data on-ramp, you can put more workloads into fewer systems. You can optimize capacity utilization by eliminating silos, cutting out inefficiency and reducing complexity in a smaller footprint.

In other words, you can do more with less, with integrated solutions.

Consolidation addresses the inefficient use of storage capacity that leads to costly storage sprawl, Improved efficiency. Simplified management and reduced power and cooling costs

Step 4: Distributed IT Efficiency

The cost and complexity of managing distributed IT in remote offices, branch locations or multiple data centres is a challenge for many organizations. Managing and sharing a consistent set of content requires organizations to centralize their data and reduce IT resource requirements at the edge. A centralized IT strategy can protect your data in multiple ways, including through replication, disaster recovery and rapid remote-site recovery capabilities.

A variety of file and content solutions components can support deployment of this centralized strategy. For example, Data On-Ramp delivers a truly bottomless and backup-free storage solution while ensuring effective control, compliance and cost reduction.

As a result, this simplifies and accelerates distributed IT environments for organizations with a large number of remote locations.

By using a centralized strategy to manage and share a consistent set of content to and from geographically dispersed sites, your organization can: Reduce IT resource requirements at the edge, Simplify management, Enhance data protection and reduce the risk of data loss or mishandling.

Step 5: Enable E-Discovery and Compliance

Once the first 4 steps in the A-B-C strategies are complete, organizations can consider discovery options to index, search and discover across the file and content environment. Easily perform cross-platform searches of both production and archive environments, all from a single interface.

To aid compliance, our solution enables proper long-term retention and disposal of data according to legal and business practices. You can ensure proper data stewardship and promote data privacy with directory service integration, so users can only search for data they have permission to view.

When you can index, search and discover across your file and content environment, the benefits include:

Faster identification of data at risk, greater access control and Lower litigation costs plus better control over the speed and cost of e-discovery

People who rely on their data rely on Oncore IT



Embracing object or content-based cloud storage as the basis for a data strategy enables businesses to store data securely off-site and retrieve it quickly and easily for compliance or disaster recovery

Key Recommendations

Cloud considerations for Data Archiving, backup and DR should be part of your data strategy. Research shows that with cloud security concerns declining thanks to the new and innovative software solutions that deliver end-to-end data encryption.

Cloud Archiving, backup and DR offer tremendous potential to free onerous storage management, system complexity, and increasing database administration workloads.

Develop the right data strategy for your business

Start thinking strategically about the balance between cloud backups and archiving.

Look at combining cloud backup and DR with cloud archiving to improve SLA's

Strike a balance between on-premises and cloud that's optimal for your business.

Keep an eye on network latency issue

Take the time to choose the right Cloud partner

In Conclusion

Without being the panacea for all data woes "Object" storage is widely acknowledged by manufactures and experts to have eclipsed it's "Block or File counterpart. For businesses with large or complex data storage needs, Object Storage bears evaluation. It can almost certainly provide superior scalability, durability, and price compared to existing storage solutions at the terabyte-scale.

Embracing object or content-based cloud storage as the basis for a data strategy enables businesses to store data securely off-site and retrieve it quickly and easily for compliance or disaster recovery. It removes data from more expensive primary storage, reduces costs associated with capacity-based backup software, shrinks your backup window and improves your recovery time objectives (RTO).

Most of all your business data becomes an asset and your IT expenditure changes from a cost into an investment.

Oncore IT
marketing@oncoreit.com
www.oncoreit.com