

4 Ways to Get More Mileage Out of Your Backup Data



Overview

Your business is counting on IT to help it realize value from all your data. Yet continually creating and moving copies to make the most of your data—on-premises, across hybrid clouds, and to the edge—is time-consuming and costly. What if instead of your backups only storing data as an insurance policy to prepare for a worst-case disaster scenario, you could use the data in them every day to speed development, defend against cyber threats, reveal new business insights, and more? Here are four ways a modern backup solution delivers competitive advantage:



1. Consolidate backup infrastructure to eliminate data fragmentation

Data is your enterprise's most valuable digital resource. Yet legacy backup point products fragment your data across infrastructure silos, management systems, and locations, making it too complex for IT to find, protect, and leverage for business differentiation. What's needed is a simpler way to make use of all your data. Hyperconverged, software-defined backup infrastructure eliminates unnecessary data copies and addresses mass data fragmentation¹ by consolidating all backed up data and apps on a single web-scale platform. The best of these solutions work from core to cloud and edge so you have unified, global access to all of your backup data with simple Google-like search.



2. Accelerate test/dev with easier access to backup data

As your organization embraces an agile DevOps model, you want to optimize the productivity of all of your solution builders. Unfortunately, the data developers need to speed application creation and testing is often too hard to access, slowing your developers down. In an agile world, this may seem unacceptable but it's a reality for IT teams using legacy backup with inefficient processes that involve creating multiple data copies that are costly and pose compliance issues. A modern backup solution should accelerate test/dev delivery both on-premises and across clouds by making backup data easily and instantly available. It should support the quick zero-cost cloning, customizing, and tearing down of test/dev environments on a single platform, further eliminating fragmented, expensive-to-operate infrastructure stacks dedicated to development. Above all, data should never be an impediment to the pace of innovation.

Popular Use Cases for Backup Data¹

- **Security** – Defend against ransomware attacks
- **Compliance** – Streamline compliance with GDPR, HIPAA, PCI, and more
- **Test/Dev** – Speed new service delivery
- **Analytics** – Derive deep insights
- **Build Custom Apps** – Improve data loss prevention, eDiscovery, and more

¹ Network World. "Understanding Mass Data Fragmentation," October 2018



3. Intelligently use backup data to respond to ransomware attacks

Ransomware attacks have grown by more than 700% over the past few years,² and are expected to cost organizations \$11 billion this year.³ Disconnected, legacy backup products are adding to your enterprise's cyber challenges as attackers increasingly modify their ransomware to track down and eliminate backups — often as the first point of attack. What's needed is an efficient solution that both protects backup infrastructure from becoming a target and quickly responds if an attack does happen. A modern, web-scale backup solution should not only incorporate machine learning to continuously monitor for anomalies in your data, it should quickly and automatically locate and remediate infected data across your global footprint, inclusive of public clouds when the worst case happens. Of course, it must also be able to perform instant mass restore to any point in time to bring back your data and apps fast for business continuity.

Simply and Quickly Find Value in Your Backup Data

The data in your backups can be game-changing for your business. Don't overlook it and just consider your backups an insurance policy. Replace expensive, legacy backup silos with a hyperconverged backup solution that lets you demand—and actually get more—from your backup data. Eliminate unnecessary data copies and bring compute and apps to the data to accelerate positive business outcomes. Derive insights that give your business a competitive boost.



4. Derive insights out of your previously "dark" backup data

Backups contain valuable business information. Yet legacy products result in data silos that prevent you from finding and using all of your data for actionable business insights. Shining a light on dark data to support organizations' e-discovery, compliance, and analytics requirements makes good business sense. Therefore, a unified backup solution needs to let you easily analyze massive data sets to derive insights and avoid compliance violations. You should be able to run applications — from those that analyze patterns to those that detect vulnerable passwords — atop a platform that helps you get more out of your data. Ideally, any modern solution provides even more capabilities: an application software-development kit (SDK) that allows you to build your own apps to run against your backup data plus a marketplace for you to share your apps and discover those contributed by others, as well.

²Gartner. "Protect Your Organization from Cyber and Ransomware Attacks," February 2018.

³IDC. "The Digitization of the World From Edge to Core," November 2018

[Download the whitepaper](#) to learn more about modern backup and recovery.

COHESITY

© 2020 Cohesity, Inc. All rights reserved.

Cohesity, the Cohesity logo, SnapTree, SpanFS, DataPlatform, DataProtect, Helios, and other Cohesity marks are trademarks or registered trademarks of Cohesity, Inc. in the US and/or internationally. Other company and product names may be trademarks of the respective companies with which they are associated. This material (a) is intended to provide you information about Cohesity and our business and products; (b) was believed to be true and accurate at the time it was written, but is subject to change without notice; and (c) is provided on an "AS IS" basis. Cohesity disclaims all express or implied conditions, representations, warranties of any kind.

