Extend Data Protection Across the Microsoft Cloud with Veritas NetBackup SaaS Protection

Enterprise Organizations Must Approach Data Protection Holistically

Seemingly each week the public hears a news story about an organization falling victim to a ransomware attack or data breach. While these risks have always been present for major IT organizations, the opportunities for data loss have grown increasingly complex and more multifaceted.

Events in 2020 brought dramatic shifts in the way we work, especially in regard to remote work and the needed flexibility to support geographically distributed employees. During an April 2020 quarterly earnings report, Microsoft CEO Satya Nadella highlighted that the IT world had undergone two years' worth of digital transformation in a mere two months.

The rise of digital transformation and rapid adoption of modern workplace technologies and the cloud have enabled greater flexibility but also introduced gaps that need to be covered.

As a result, business continuity strategies have become increasingly robust, often utilizing multiple layers to keep an organization's data safe.

37%

of organizations were hit by ransomware in the last year[1]

Whether this means a more comprehensive data protection portfolio or better training for employees, many organizations are investing in solutions to keep their data safe, accessible, and recoverable in case of emergency.

However, despite the lengths that some organizations will go to increase the strength of their IT security, there is no guarantee that your data will remain accessible after a cyberattack. A truly holistic approach to data protection requires a full-spectrum, flexible, and highly scalable data backup and recovery solution for increasingly complex workloads, whether on-premises, in the cloud, hybrid, or SaaS.

54%

of those hit by ransomware said their data was successfully encrypted[2]

$170,404

average ransom paid by mid-size organizations[3]

Ransomware Attacks are on the Rise

Beyond the scale, performance, and complexity of backing up enterprise data, a major challenge for many organizations is navigating the realities of cyberthreats, malicious actors, ransomware, and evolving data security risks.

According to Gartner, cybersecurity and regulatory compliance have become the two biggest corporate board concerns, with many companies adding a cybersecurity expert directly to the board.

With 2020 pushing organizations to adopt remote work policies and support remote workloads at a rapid pace, many businesses have unintentionally introduced gaps in their corporate firewall. Cybercriminals have taken notice, and as a result the number of known cyberattacks has dramatically increased.

230%

increase in ransomware attacks in the past year[4]

Ransomware and accidental or malicious deletion are top of mind for many organizations as primary data protection risks. By the time these threats appear it may already be too late. While organizations can increase cybersecurity robustness and train employees to recognize potential attacks, enterprise organizations must take additional steps to protect their critical data or risk losing it all at a moment's notice.

32%

of ransomware victims paid ransom to get data back[5]

35%

of data is not restored after paying ransom[6]

$1.85M

average cost to remediate and recover from ransomware attacks[7]

The Shared Responsibility Model—is Your SaaS Data Truly Safe in the Cloud?

One of the biggest misconceptions of relying on cloud-based SaaS applications is the notion that because your data is in the cloud, it is by default protected, backed up, and resilient. Unfortunately, this is not the case without taking additional steps beyond simply subscribing to SaaS solutions.

Microsoft and many other Cloud Service Providers follow what is called the "shared responsibility model."

Whether a cloud customer is utilizing SaaS, PaaS, or IaaS deployments, they are always responsible for their accounts and identities, physical devices, and any of their information and data. SaaS providers are responsible only for maintaining the overall architecture of the cloud or SaaS solution, but any and all data is solely the responsibility of customers. Many customers do not know this, resulting in limited data protection.

While Microsoft 365 has native compliance capabilities such as file version history and retention policies, these features do not provide full protection of your critical data. For maximum protection, customers will want full-spectrum backups with flexible recovery options and a high level of performance and scalability. Your data protection must be able to grow with your organization and critical data.

53%

of users use SaaS tools while working[8]

42%

of users use four or more SaaS apps[9]

40%

of SaaS app users have been impacted by data loss[10]

45%

of users are still not aware of the shared responsibility model[11]

Veritas NetBackup SaaS Protection for Microsoft 365

NetBackup™ SaaS Protection delivers Microsoft 365 backup as a service with Azure Active Directory integration running in the cloud region of your choice, giving you security and data residency controls without the requirement to manage it yourself. With Azure Blob Storage used as the backup storage service, NetBackup SaaS Protection can store all backup data immutably while continuously and intelligently scaling based on customers' needs, such as total data quantity, performance, and cost-optimized storage tiering.

Veritas supports Microsoft 365 Geo-Location controls, making compliance with data sovereignty regulations simple. Rapidly export search results in the event of a legal discovery request or compliance audit.

Get secure storage for your backup data residing in a dedicated, SOC 2 Type II–compliant instance of the Veritas data management platform using end-to-end encryption. Microsoft 365 environments can grow to be very large, so you need a data protection solution that scales to grow with your organization. NetBackup SaaS Protection can protect large amounts of data for any number of users.

Veritas NetBackup SaaS Protection offers continuous data protection at scale, automatically capturing document modifications in near-real-time. In addition, customers can leverage archive storage and enterprise-grade security to protect inactive Microsoft 365 account data and comply with regulations such as GDPR or CCPA.

23%

forecasted growth for end-user spending on the public cloud in 2021[12]

894%

increase in Microsoft Teams users between March and June of 2020[13]

3.5

hours employees spend on work email daily[14]

NETBACKUP SAAS PROTECTION

Customer Story

A fresh approach to medical imaging, data storage and backup.

Challenge

York Hospital's IT department is responsible for ensuring safe and secure communications and data storage for the main hospital campus as well as dozens of primary care locations and healthcare-at-home programs. Medical records storage—especially for results from imaging systems—was growing out of control and becoming too expensive.

Solution

In addition to providing data protection for SaaS applications, NetBackup SaaS Protection offers seamless file archiving to cloud storage. Users are unaware whether the file is stored locally or in the cloud. York Hospital set policies on when images would be moved from primary storage to their cloud archive.

Results

York Hospital IT has been able to provide the high quality of service their healthcare workers had grown used to, but at a significantly reduced cost. The archive automatically sets 5- or 25-year retention periods, effortlessly keeping everything in full compliance with both HIPAA and HITECH requirements.

York Hospital

87

terabytes of data that York Hospital has in their cloud archive

1.5

terabytes of data growth per month seen by York Hospital

<10%

of York Hospital's imaging data now stored on-premises

The Leader in Enterprise Data Protection

Veritas has been bringing data protection and backup and recovery to the Fortune 500 for decades. As a leader in the field, Veritas has the tools and resources needed to provide world-class data protection for your organization. Every organization has its own unique needs and challenges, so please use our library of reference materials for more information on some of the most relevant data protection topics.

Get Started

Whether you need to back up your Azure-based IT infrastructure, your SaaS applications and data, or corporate communications, Veritas has the breadth of solutions to ensure your business data remains safe and accessible. Talk to our experts today to begin planning for your data resiliency and business continuity.

[1, 2, 3, 4] https://secure2.sophos.com/en-us/medialibrary/pdfs/whitepaper/sophos-state-of-ransomware-2021-wp.pdf

[5] https://secure2.sophos.com/en-us/medialibrary/pdfs/whitepaper/sophos-state-of-ransomware-2021-wp.pdf Page 5

[6] https://secure2.sophos.com/en-us/medialibrary/pdfs/whitepaper/sophos-state-of-ransomware-2021-wp.pdf Page 5

[7] https://secure2.sophos.com/en-us/medialibrary/pdfs/whitepaper/sophos-state-of-ransomware-2021-wp.pdf Page 5

[8, 9, 10, 11] https://www.infosecurity-magazine.com/news/data-loss-impacts-40-of-saas-app/ Page 6

[12] https://www.gartner.com/en/newsroom/press-releases/2021-04-21-gartner-forecasts-worldwide-public-cloud-end-user-spending-to-grow-23-percent-in-2021 Page 7

[13] https://www.aternity.com/news/microsoft-teams-surpasses-zoom-in-video-conferencing-race/ Page 7

[14] https://blog.adobe.com/en/publish/2019/09/08/if-you-think-email-is-dead--think-again.html#gs.6mmk2p Page 7

About Veritas

Veritas Technologies is a global leader in data protection and availability. Over 80,000 customers—including 87 percent of the Fortune Global 500—rely on us to abstract IT complexity and simplify data management. The Veritas Enterprise Data Services Platform automates the protection and orchestrates the recovery of data everywhere it lives, ensures 24/7 availability of business-critical applications, and provides enterprises with the insights they need to comply with evolving data regulations. With a reputation for reliability at scale and a deployment model to fit any need, Veritas Enterprise Data Services Platform supports more than 800 different data sources, over 100 different operating systems, more than 1,400 storage targets, and more than 60 different cloud platforms.
Learn more at www.veritas.com. Follow us on Twitter at @veritastechllc.

VERITAS™

2625 Augustine Drive
Santa Clara, CA 95054
+1 (866) 837 4827
veritas.com

For global contact
information visit:
veritas.com/company/contact