

Federal Whitepaper

# The Federal Data Challenge: *Gaining Control Today to Enable Transformation Tomorrow*

Federal agencies navigate a myriad of rules for managing the vast amounts of documents, e-mails, and other records and data they generate so they are available when needed. These records often must be stored for decades or longer. Complicating the matter, different types of records and data carry different terms and conditions for how long they must be preserved.

The data volumes involved can be overwhelming and the task of managing a fire hose of new incoming data and files is getting increasingly complex. Consequently, many agencies simply adopt a “buy more storage” approach in an effort to keep pace, which is costly in the long term.

This strategy often leaves agencies struggling to understand what records they have, where they are, and how to manage them efficiently. Many documents are stored in expensive primary storage enclaves when they could be stored in less expensive secondary or archival storage instead. And many do not even need to be stored at all because agencies often err on the side of saving everything all the time.

This is not the only concern. Storing more data than needed significantly increases risk for federal enterprises as well. Much of the data agencies store is highly sensitive, and if agencies cannot effectively track what data they have and where they have it, they face the risk of losing that data to a cyberattack or insider threat.

In addition, agencies that lack effective data management programs will be hard-pressed to unlock the tremendous value they possess within their data. The ability to effectively and efficiently manage data is foundational for agencies with digital transformation goals working toward artificial intelligence, machine learning and stand up artificial intelligence, machine learning, and evidence-based policy-making capabilities.

Smart data management is no longer optional for federal agencies. Agencies need to take control of their data today so they can transform for tomorrow.

*Agencies need a smart, comprehensive, and efficient data governance solution that is highly secure, scalable, automated, and fully capable of managing the complex data needs of federal enterprises.*

## The Industry-leading Solution for Effective Data Management

Agencies need a smart, comprehensive, and efficient data governance solution that is highly secure, scalable, automated, and fully capable of managing the complex data needs of federal enterprises. The Veritas™ Access 3340 Appliance, integrated with Veritas NetBackup and NetBackup CloudCatalyst, provides a turnkey, cost-optimized solution for large-scale (PB) deployments. A software-defined storage appliance for unstructured data workloads, the Veritas™ Access 3340 Appliance is tuned for high-capacity workloads like long-term retention (LTR), tape replacement and backup archiving.

Integration with CloudCatalyst deduping capability reduces storage and media transfer costs while NetBackup's proven, enterprise-hardened deduplication saves space, increasing storage and data transfer efficiency, improving storage efficiency and effective capacity by as much as 30x. With these industry leading capabilities, the Gartner Magic Quadrant establishes Veritas as the market leader in data protection, software-defined storage and data management.

The Access 3340 appliance is remarkably versatile, supporting multiple protocols, including Amazon S3, CIFS, NFS, SMB for file and object access, and iSCSI target support for block storage. To further improve cost, capacity and resilience of long-term data stores, policy-based tiering orchestrates automated data migration to on-prem and off-prem clouds. Cloud- and platform-agnostic and meeting the most demanding federal and defense security standards and protocols, the Veritas™ Access 3340 Appliance also helps agencies prepare their data by classifying, organizing, and prioritizing it for delivery into the cloud while aligning with on-premises data governance goals.

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## Conclusion

ThunderCat, in partnership with Veritas, understands that smart data management is no longer optional for federal agencies. Federal agencies need to gain control over their sprawling data estates and do so in a way that is streamlined, automated, comprehensive, and highly secure. The Veritas™ Access 3340 Appliance, integrated with Veritas NetBackup and CloudCatalyst, offers worry-free data governance and management, including for high-capacity workloads like LTR, tape replacement and backup archiving. As a Gartner-recognized industry leader, Veritas™ delivers better results, reduced data risk, lower storage costs, and reduced complexity across the enterprise.

## About ThunderCat Technology

ThunderCat is dedicated to being a premier and trusted provider of Information Technology to both government and SLED organizations and Fortune 500 companies through consistently superior performance, commitment, and integrity with a focus on our clients' mission and needs.

## VERITAS™

### About Veritas Technologies

Veritas Technologies empowers businesses of all sizes to discover the truth in information — their most important digital asset.

Using the Veritas platform, customers can accelerate their digital transformation and solve pressing IT and business challenges including multi-cloud data management, data protection, storage optimization, compliance readiness and workload portability — with no cloud vendor lock-in. Eighty-six percent of Fortune 500 companies rely on Veritas today to reveal data insights that drive competitive advantage.