

Protect Your Data, Your Brand and Your Reputation



The need for data-centric security has never been clearer than it is right now. Chances are you or someone you know has had their information included in one of the data breaches from Anthem, Equifax, Target, Orbitz, Facebook, etc. You may not have switched insurance providers, stopped shopping at a very convenient store, booked travel elsewhere or even deleted a website page, but you thought about it. And maybe you've quit using some of those convenient smartphone apps that are collecting details on your every move and purchase.

C-suite executives realize that consumers are starting to pay attention to vendors who are inadequate data stewards and choosing to take their business elsewhere. They've also been told there is technology available to address data protection gaps in their layered approach to network security. Lastly, they know their IT budgets don't always stretch enough to cover necessary expenses, and risk assessments identify single purpose data protection products as low priority spends.

Don't Buy Three Solutions When One Will Do

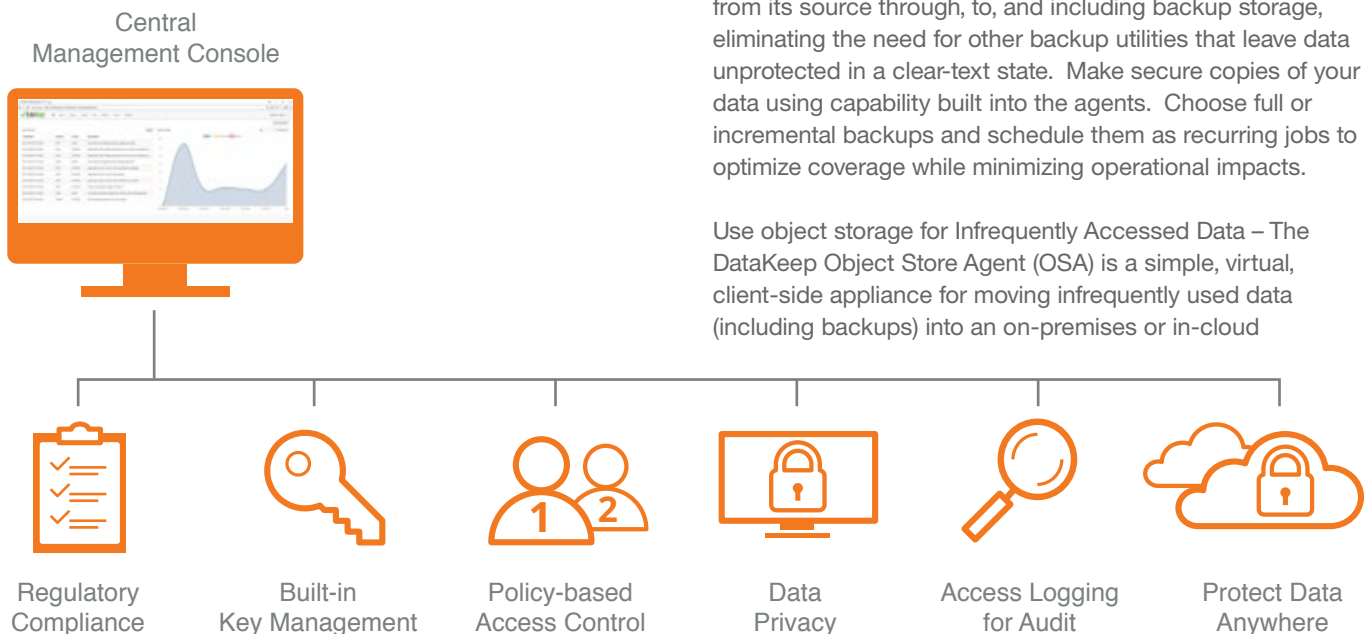
Point solutions have been the bane of many security teams' existence for the past half-dozen years. New threats required new tools, and some of the best available were one-trick ponies from newly emerging vendors introducing unwanted complexity. DataKeep from SecurityFirst is an integrated data-centric security solution that presents several opportunities and leverage low-cost storage options without impacting business operations.

File & Volume Access Control and Data Protection:

DataKeep is a highly scalable, software-based solution for servers (VM's or bare metal) that requires minimal changes to your infrastructure and little ongoing administrative support. A central management console deploys data protection agents (File with Policy, Volume, or Volume with Policy) to any network connected system locally or remotely. It integrates with most existing AD/LDAP based IAMs for access control and standards-based SIEM analytical tools for logging and analysis.

Native Backup/Restore Capability: DataKeep protects data from its source through, to, and including backup storage, eliminating the need for other backup utilities that leave data unprotected in a clear-text state. Make secure copies of your data using capability built into the agents. Choose full or incremental backups and schedule them as recurring jobs to optimize coverage while minimizing operational impacts.

Use object storage for Infrequently Accessed Data – The DataKeep Object Store Agent (OSA) is a simple, virtual, client-side appliance for moving infrequently used data (including backups) into an on-premises or in-cloud



object-based repository. Generate and maintain your own encryption keys and split or 'shard' the data for better resiliency and control across multiple, S3-compatible storage destinations.

Control Your Data Even in the Cloud

Data growth is exponential. A recent study revealed that 63% of enterprises and service providers are already managing storage capacities of 50 petabytes (PB) or greater.¹ More than half of that data falls under the unstructured category, existing outside of databases and within files, multimedia content and other formats. For many organizations, this pace is outstripping their capacity to store it all, prompting most to continuously upgrade and expand their storage capacity.

But acquiring and maintaining hardware to store all this data within corporate walls hardly makes sense, especially if there is a safe alternative that can be easily secured. Typically 90% of corporate data is infrequently used (historical records, contracts, legal content, reports, transactional data, medical records, digital scans, manufacturing records and more). DataKeep can help organizations maintain control of this data as they migrate large portions of it to the cloud regardless of storage format.

The ability to deploy File and Volume Agents in the cloud and management from a console on-premises puts you in control. Cloud Service Providers (CSPs) will never be able to see your important data because you generate and maintain your data access policies and keys. Alternatively, the Object Store Agent will perform client-side encryption before sending the data through to one or more object storage locations offering a more scalable and lower cost alternative that is equally safe.

About Datakeep

DataKeep provides a cost-effective integrated tool set that reduces overall storage management complexity by combining multiple data protection technologies into one software-only solution:

- Data Access Controls, including privileged access management
- Access Monitoring and Logging
- Data Encryption
- Native Backup/Restore
- Migration to the Cloud
- S3-compatible Object Storage Protection

DataKeep is a unique offering helping businesses and governments save money and protect sensitive and private data using multiple storage locations and formats. DataKeep securely protects data at the source regardless of where it resides, encrypting data at the volume or file level for attached storage or before sending to lower cost object storage. Security teams can define and log access policies by job role and manage privileged and superuser access to block insider and external threats.

Deployment and operation can be easily automated via a RESTful API, data access logs can be sent to a SIEM for continuous, real-time monitoring, and encryption keys can be stored within most popular KMIP-compatible hardware keystores for simplified management and extra protection.

SecurityFirst™ DataKeep is a software-only solution for protecting data from the point of creation and until deletion. It provides strong security, keeps your costs down, and puts you in control:

- Starts with file and/or volume data protection agents deployed on server assets
- Separates encryption keys you generate from the data preventing unauthorized access
- Supports existing, KMIP compatible hardware keystores
- Splits data sent to S3-compatible object storage resources into shards (M:N recovery) for better resiliency and leverage between cloud service providers

SecurityFirst™ delivers data-centric solutions that address the high-profile cyber threats facing organizations today, such as data breaches, ransomware and cloud security. We emphasize protection of the data itself to serve as your last line of defense. Data is always protected no matter where it resides and recoverable in the event of an unexpected failure or malicious attack. As organizations and governments mandate stricter requirements for data privacy, SecurityFirst helps protect data from compromise and exposure.

DataKeep™, by SecurityFirst, secures critical data at its core to deliver unrivaled protection, control and resiliency. Customer-defined access policies, strong encryption and event logging combine with native secure backup/restore capabilities to address your data privacy, compliance and recovery needs. Organizations can utilize the backup and restore capabilities with object storage for secure cloud backup and archiving to improve resiliency and enable prompt recovery of archived data in the event of a ransomware attack.



For a product demonstration
or more information call
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1. 415 Research The Growing Role of Object Storage in Solving Unstructured Data Challenges

