

DataKeep™ – The Solution

DataKeep is an advanced data-centric software solution that protects sensitive and personal data from being exposed in the event of a breach, while ensuring compliance with regulatory requirements and data privacy mandates.

Security teams can define and log access policies by job role, while blocking privileged user access, securely encrypting at the source and transparently managing encryption keys. DataKeep technology protects data on Windows and Linux, physical and virtual servers and encrypts at volume-level or file-level for additional granularity. Powered by secure SPxCore technology, DataKeep combines AES-256 encryption with cryptographic splitting and internal key management certified by the NIST to be FIPS 140-2 compliant.

The need for data protection is clear. The public is demanding data privacy, and network perimeter controls alone aren't enough. Data must be protected at its core to provide protection and as a last line of defense.

A Brave New World

To fight an ever-growing list of threats to data privacy, managed services need to focus on the protection component of cybersecurity, the bridge between prevention and detection. It is only by enabling this paradigm shift that they can assist their customers in meeting growing data privacy demands.

In the past, service providers have suffered from a wide range of complications trying to ensure the privacy of the data they stored. Traditional encryption is difficult to implement consistently across an environment of many different servers which may even be running different operating systems. Creating consistent security practices, both among different customers and between a single customer's own servers, was near impossible due to that vast and varied environment. Individual and specialized solutions for specific security risks, each requiring dedicated management, also contributed to the difficulty. Finally, there were no clear lines of control between the customer and the provider. It was even more complicated when other cloud providers were a part of the mix.

Now, with DataKeep from SecurityFirst(TM), encryption is easy to implement consistently across an entire environment to provide true data privacy to every customer. Security policies can be specified for every individual customer once, and easily replicated across every server that customer requires. It provides live logging and reports to meet with audit requirements, logs that also that fully integrate with SIEM dashboards.

Understanding the security needs of business customers is only the first step towards truly data-centric protection. Service providers need to give their customers access to solutions that offer full data protection, true access controls, and compliance readiness, in order to stay relevant. DataKeep is the cyber security solution that solves these specific cyber security concerns. With it, service providers will find a simple and effective way to keep their customers safe.

SecurityFirst™ delivers advanced security solutions that build a firewall around your data to protect against ever increasing threats and to aid in meeting regulatory requirements such as GDPR, HIPAA, NYCRR and many others.

DataKeep™, our flagship product, serves as your data firewall by using advanced encryption, scalable hierarchical key management, extensive policy enforcement and monitoring of unauthorized access to deliver the highest levels of availability, resiliency and time to value. Security requires a layered approach and protection of the data itself is your last line of defense.



**For a product demonstration
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