nimblestorage

Seamless, Integrated, and Efficient Encryption

Secure the advantages of integrated, software-based Nimble Storage encryption.

The Nimble Storage SmartSecure™ feature enables encryption and shredding on a per-application basis. It saves storage capacity and operations time. And unlike encryption solutions from other storage system vendors, the flexible SmartSecure requires no custom drives, dedicated firmware, or expensive licensing.

1. Secure Data with Flexible Software-Based Encryption
Easily implement encryption, at no additional cost. You can enable Nimble SmartSecure on any Nimble Storage platform with just a software upgrade.

The SmartSecure feature uses your existing drives, and has minimal impact on performance. The encryption works seamlessly with existing Nimble features such as snapshots, replication, and zero-copy cloning; it can also be implemented across SSDs and HDDs within the array and on external shelves.

2. Encrypt at the Application (Volume) Level
Efficiently provide encryption in consolidation storage environments and multi-tenant storage environments.

You can enable SmartSecure encryption wherever you need it — on a per-application (volume) or per-array basis. You can also shred on a per-volume basis, which is especially useful for compliance and sensitive data environments, as well as for cloud service providers. SmartSecure also makes for worry-free Return Materials Authorization (RMA), removing concerns about sensitive data stored on SSDs or HDDs.

3. Save Time and Capacity: One-and-Done Encryption
Streamline the encryption of your compressed data and replicated data. With SmartSecure, you only need to encrypt stored data once.

When the data is compressed by the Nimble Predictive Flash platform, you preserve your capacity savings by not having to rehydrate (reconstitute) the data that you want to secure. When the encrypted data is replicated to another site, the data will remain encrypted during the transfer and be stored securely on the target system.

Nimble SmartSecure offers you storage encryption and shredding at the per-application level, streamlined encryption of compressed data and replicated data — and substantial savings in capacity, cost, and operations time.

Learn more about Nimble SmartSecure encryption at www.nimblestorage.com

Encrypt Without Cost

Encrypt at the Application Level

Encrypt Only Once

"We service many customers in the SaaS market as well as in the healthcare space, where data security and features like encryption are an absolute requirement today. We were excited to see Nimble introduce their SmartSecure encryption capability, and even more pleased with the simplicity of the implementation. As a service provider, the flexibility to turn on a feature like encryption on a per-application basis allows us to better serve our individual customers' needs."

Cosentry, Inc.