



Tape Library Key Management and Data Encryption with ESKM and Spectra Logic

Technology Alliance Partner Solution Brief

Today's enterprises must protect sensitive data that is stored and archived on enterprise tape systems from loss or misuse. Continuous access to data protected by strong encryption, and a reliable key manager to automate authorized access to keys, help ensure appropriate controls are in place to manage and audit compliance with data protection policies. Together Micro Focus ESKM and Spectra Logic provide an integrated solution to protect sensitive data-at-rest.



Key benefits of the Spectra Logic and ESKM Integration

- **High availability to protected data-at-rest stored on tape systems**
- **Centralized key management for unified access to encryption keys**
- **OASIS KMIP standardized interoperability enables key manager extensibility to other storage systems for re-use and consistency**
- **Key manager replication and failover for business continuity**

How ESKM and Spectra Logic Tape Library Integrate:

- ESKM seamlessly interoperates with Spectra Logic libraries to safely store keys and automate key lifecycle management.
- Keys retrieved by authorized libraries encrypt-decrypt data on tape

The ESKM and Spectra Logic Solution:

Confidently archive sensitive data-such as PCI, ePHI and other PII-to tape using proven AES encryption and achieve high-assurance long-term management of keys. Micro Focus and Spectra Logic offer a prequalified, integrated approach to data security. When tape backups are vaulted off-site to disaster recovery centers, encrypted data is at lower risk of exposure to loss. If disaster strikes, tapes can be restored while data retention periods are in place.

The distributed, redundant deployment of HPE ESKM appliances with automated key replication enables tapes that are written at one site to be read at similar sites.

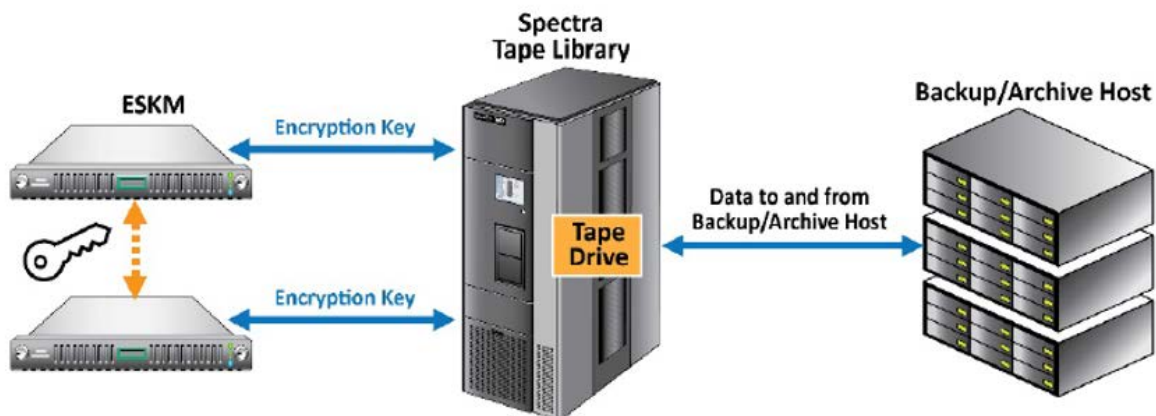


Figure 1: ESKM and Spectra Logic Architecture



About Spectra Logic

Spectra Logic develops deep storage solutions that solve the problem of long term storage for business and technology professionals dealing with exponential data growth. Dedicated solely to storage innovation for nearly 40 years, Spectra Logic's uncompromising product and customer focus is proven by the largest information users in multiple vertical markets globally. Spectra enables affordable, multi-decade data storage and access by creating new methods of managing information in all forms of deep storage—including archive, backup, cold storage, cloud and private cloud.



About Micro Focus

Micro Focus drives leadership in data-centric security and encryption solutions. With over 80 patents and 51 years of expertise we protect the world's largest brands and neutralize breach impact by securing sensitive data-at-rest, in-motion and in-use. Our solutions provide advanced encryption, tokenization and key management that protect sensitive data across enterprise applications, data processing IT, cloud, payments ecosystems, mission critical transactions, storage and big data ecosystems. Voltage and Atalla security solutions solve one of the industry's biggest challenges: how to simplify the protection of sensitive data in even the most complex use cases."

For additional information

Please visit our websites at software.microfocus.com and spectralogic.com