



KMIP Client Integration with ESKM and Zettaset BD Encryption Suite

Technology Alliance Partner Solution Brief

The increased frequency and sophistication of high-profile data breaches and malicious hacking is putting organizations at continued risk of data theft and significant business disruption. Complicating this scenario is the unbounded growth of Big Data and petabyte-scale data storage, new open source database and distribution schemes like Hadoop and NoSQL, and the continued adoption of cloud services by enterprises. This momentum is breaking down the traditional perimeter, forcing organizations to look at security differently, with the focus shifting from the perimeter to the data that needs to be protected. The Zettaset Big Data Encryption Suite has been designed for optimal performance and scalability in distributed Big Data systems like Hadoop and other NoSQL databases and combined with Micro Focus Enterprise Secure Key Manager (ESKM) fully protects sensitive data-at-rest.



Key benefits of the Zettaset BDEncrypt and ESKM Integration

- Provides “data-centric” protection for Big Data environments
- Enables proven protection to safeguard critical data on-premises and in the Cloud
- Optimizes performance & scalability in complex, distributed Big Data computing environments

Zettaset BDEncrypt - Encryption Optimized for Big Data

Designed from the ground up for optimal performance and scalability in distributed Big Data systems like Hadoop and other NoSQL, as well as the latest generation of Relational databases. The BDEncrypt solution delivers data-centric security utilizing advanced encryption and access control technologies to ensure the highest levels of protection of critical data.

The ESKM Solution:

Micro Focus' Enterprise Secure Key Manager (ESKM) is an enterprise key manager that supports all types of storage and Server data protection solutions, as well as supports Micro Focus partners and OASIS KMIP compliant clients. ESKM is the first commercial KMIP server to be certified as conformant under the OASIS SSIF KMIP Conformance Test Program (<http://www.snia.org/forums/SSIF/kmip>). ESKM customers need to effectively secure and protect their data-at-rest. They desire to ensure data availability, eliminate risk of data loss, maintain compliance & reduce operational costs. They need an enterprise key manager to automate the management & control of policies that protect and control access to their business-critical encryption keys.



About Zettaset

Zettaset, the leader in Big Data security, delivers proven enterprise-class data security for Hadoop, NoSQL and Relational database environments, on-premises as well as in the cloud. Unlike traditional security approaches, Zettaset data protection solutions are designed and optimized for today's complex and demanding distributed-computing architectures. Enterprise customers can rely on Zettaset to deliver advanced Big Data security solutions that deliver performance and scalability, while easily fitting into existing enterprise IT security and policy frameworks.



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 zettaset.com**