

P6R KMIP Client Integration with HPE ESKM

Technology Partner Solution Brief

About HPE Security

HPE Security helps organizations protect their business-critical digital assets by building security into the fabric of the enterprise, detecting and responding to advanced threats, and safeguarding continuity and compliance to effectively mitigate risk. With an integrated suite of market-leading products, services, threat intelligence and security research, HPE Security empowers organizations to balance protection with innovation to keep pace with today's idea economy.



About P6R

P6R is a privately held, self-funded and self-sustaining software company founded in 2004. Providing multi-platform solutions to a broad range of businesses, P6R's security products and professional services enable businesses to easily solve their key management and encryption integration challenges with OASIS KMIP and PKCS#11 toolkits and custom clients. P6R partners with customers in an ongoing relationship to develop successful solutions that deliver the highest levels of quality and customer value. P6R has a wide range of expertise in areas including email, ad serving, networking, scalability, high-availability and computer security.

Rapidly develop high quality solutions using proven tools and a wide range of expertise from P6R and HPE.

P6R's SKC Secure KMIP Client SDK Solution Overview

P6R provides a full client implementation of the OASIS Key Management Interoperability Protocol (KMIP) for the latest ratified and pending KMIP versions. P6R's latest KMIP Client SDK (software development kit) release brings:

- 64Bit support
- Customer provides OpenSSL providing flexibility and crypto suites desired
- KMIP server to client functions
- Runtime optimizations

HPE ESKM Solution Overview

HPE Enterprise Secure Key Manager (ESKM) is an enterprise key manager that supports all types of HPE Storage and Server data protection solutions, as well as supports HPE partners and non-HPE environments through 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.

P6R and HPE ESKM Integration

- HPE has successfully completed interop testing with P6R and verified that the HPE ESKM interoperates with P6R's SKC Secure KMIP client.
- P6R tested nearly all functionality supported by the HPE ESKM by running an extensive series of tests, including and beyond those specified in the KMIP Test Cases and the KMIP Profiles documents. Performing interop testing with a KMIP client SDK vendor is different than testing with many other clients, which only support a limited set of KMIP functionality.
- P6R and HPE are long-time active contributors to the OASIS KMIP Technical Committee, KMIP Interop Subgroup, and annual interop demos.

For additional ESKM info visit: hpe.com/software/ESKM

For additional P6R SKC info visit: P6R.com/software/skc