

Brief



# P6R KMIP Client Integration With HP Enterprise Secure Key Manager

Enabling standards-based interoperable key management for applications

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

## A cross-platform solution to get products to market faster

### About HP Enterprise Security

HP is a leading provider of security and compliance solutions for the modern enterprise that wants to mitigate risk in their hybrid environment and defend against advanced threats. Based on market-leading products from HP ArcSight, HP Fortify, HP Atalla, and HP TippingPoint, the HP Security Intelligence Platform uniquely delivers the advanced correlation, application protection, and network defenses to protect today's hybrid IT infrastructure from sophisticated cyber threats.

### P6R's SKC Secure KMIP Client SDK

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

### HP Enterprise Secure Key Manager (ESKM)

HP ESKM is an enterprise key manager that supports all types of HP Storage and Server data protection solutions, as well as supports HP partners and non-HP environments through OASIS KMIP compliant clients. HP ESKM 4.0 is the first commercial KMIP server to be Certified as conformant under the OASIS *SSIF KMIP Conformance Test Program* (more info see website details: <http://www.snia.org/forums/SSIF/kmip>). HP ESKM customers want and 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 HP ESKM integration

- P6R's KMIP client SDK, similar to the HP Enterprise Secure Key Manager (ESKM) KMIP server, supports all versions of OASIS KMIP
- HP Atalla has successfully completed interop testing with P6R and verified that the HP ESKM interoperates with P6R's SKC Secure KMIP client
- P6R tested nearly all functionality supported by the HP 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.
- Continuous testing is planned going forward to ensure that the P6R client and HP ESKM continue to fully interoperate after new product releases
- P6R and HP are long-time active contributors to the OASIS KMIP Technical Committ, KMIP Interop Subgroup, and annual interop demos



### About P6R

Project 6 Research is a privately held, self-funded and self-sustaining software company founded in 2004. Specializing in providing innovative component based development tools and libraries as well as professional services that help customers get to market sooner, delivering more features with higher quality. Project 6 Research sets itself apart from the competition by providing consistent, well engineered, and extensively tested APIs, tools and services that solve real problems for customers. P6R has a wide range of expertise in areas including email, ad serving, networking, and scalable, highly-available server design and implementation and computer security.

### More Info

For additional HP information visit: [hp.com/go/ESKM](http://hp.com/go/ESKM)  
For additional P6R information visit: [p6r.com](http://p6r.com)

