

# P6R PKCS#11 Library Integration with HPE Atalla HSM

## 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..

**P6R and HPE are committed to ensuring interoperability. The SKC PKCS #11 library implements v2.40 of the PKCS#11 specification and meets the requirements for conformance of a PKCS#11 Extended Provider and Authentication Token.**

### P6R's PKCS#11 Solution Overview

P6R's library (<https://www.p6r.com/software/skc.html#pkcs11>) is a PKCS#11 provider that implements Version 2.40 of the PKCS#11 specification. This library supports the Hewlett Packard Enterprise Atalla HSM (Network Security Processor - NSP) as a token thus providing a full PKCS#11 API for the Atalla HSM. The library maps each NSP and Virtual NSP into a separate slot of the P6R library. The P6R library also manages all the keys generated by the HPE Atalla HSM in either a local or remote database.

### HPE Atalla HSM (Network Security Processor) Solution Overview

HPE Security – Data Security expanded its nearly 38 year history of safely securing payment transactions with the HPE Atalla Hardware Security Module (NSP). The HPE Atalla HSM meets the highest government and financial industry standards and is a FIPS 140-2, level 3 validated cryptographic appliance.

### P6R and HPE Atalla HSM Integration

- HPE has successfully completed interoperation testing with P6R's PKCS#11 library which now provides a standard API to the Atalla HSM.
- P6R and HPE are long-time active contributors to the OASIS KMIP and PKCS#11 Technical Committees, KMIP Interop Subgroup, and annual interop demos.

For additional Atalla HSM Info: [hpe.com/software/DataSecurity](http://hpe.com/software/DataSecurity)

For additional P6R SKC info: [P6R.com/software/skc](http://P6R.com/software/skc)

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