

OASIS PKCS #11 DEMO

Cryptographic Token Interface



BOOTH #1909

The OASIS PKCS #11 Cryptographic Token Interface specification - an application programming interface (API) for cryptographic token devices - is being demonstrated here at RSA. Shown during the demo are applications (clients) from Cryptosense, Cryptsoft, Feitian, Oracle and Vormetric and devices (libraries) from Cryptsoft, Feitian, Oracle and Vormetric. The demo shows vendor independent storage of cryptographic information and performance of cryptographic functions such as generating, finding and using cryptographic objects including combinations of one or more symmetric keys, asymmetric keys, or certificates between vendor systems.

Booth visitors are welcome to stop by each station within the booth to view multiple versions of PKCS #11 in practice, demonstrating the value of PKCS #11 as the standard for interacting with cryptographic devices in multi-vendor environments.

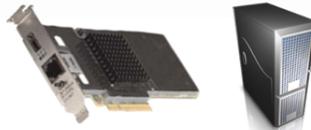
CRYPTSOFT



FEITIAN



ORACLE



Vormetric



Devices (libraries)

Applications (clients)

Cryptosense



CRYPTSOFT



FEITIAN



ORACLE



Vormetric



Interop Participants:

JOIN the PKCS #11
Technical Committee
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Cryptosense Cryptosense software helps users of cryptography detect and manage security vulnerabilities. Using a combination of reverse-engineering and model-checking algorithms, the Cryptosense Analyzer identifies key-management flaws as well as cryptanalytic attacks. In particular, the tool treats PKCS #11 devices such as HSMs and Smartcards. Cryptosense clients in the financial services, government and industrial sectors use this software to test, configure and monitor the security of their cryptographic infrastructure. A start-up created in 2013, Cryptosense is based in Paris, France and is a spin-off of the French national institute for computer science research (INRIA). For more information, visit www.cryptosense.com.

CRYPTSOFT Established in 1996, Cryptsoft is an Australian security firm providing specialist products and services for software and hardware developers in the areas of security system design, deployment, validation and interoperability. Cryptsoft offers a range of software development toolkits to enable the rapid integration of enterprise key management and encryption solutions into applications and systems ranging from embedded platforms through to enterprise class appliances and servers. For more information, visit www.cryptsoft.com.

FEITIAN FEITIAN is a trusted leader in the global market for multi-factor Authentication, personal identity, rights management, smart card and mobile smart card reader technology. Established in 1998, FEITIAN has developed as an essential component in the information architecture of private and public enterprise, government, and educational institutions throughout the world. FEITIAN is now known to worldwide countries as a name that stands for confidence, quality and performance. The fountainhead of FEITIAN is firmly rooted in a research and development department comprised of forward thinking experts accounting for more than half of FEITIAN's distinguished multi-national team. For more information, visit www.ftsaf.com.

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Vormetric Vormetric (@Vormetric) is the industry leader in data security solutions that span physical, virtual and cloud environments. Data is the new currency and Vormetric helps over 1200 customers, including 17 of the Fortune 25 and many of the world's most security conscious government organizations, to meet compliance requirements and protect what matters — their sensitive data — from both internal and external threats. The company's scalable solution suite protects any file, any database and any application — anywhere it resides — with a high performance, market-leading data firewall that incorporates application transparent encryption, privileged user access controls, automation and security intelligence. For more information, visit www.vormetric.com.