PKCS#11

OASIS STANDARD

CRYPTOGRAPHY

Interoperability Showcase | RSA Exposition 2017

With the current release of PKCS#11 (version 2.40) now well established and work well underway on the next version (3.0), one of the most widely deployed cryptography standards is being demonstrated at this year's RSA conference by seven companies. Showcasing their PKCS#11-capable implementations, Cryptsoft, Feitian, Fornetix, Oracle, QuintessenceLabs, Utimaco, and Watchdata are representing the OASIS PKCS 11 Technical Committee, including generating, finding, and using cryptographic objects with combinations of one or more symmetric keys, asymmetric keys, or certificates between vendor systems.

"This year's RSA Conference enables us to demonstrate both the latest work of the Technical Committees and the depth of capabilities within products that implement these standards. Demonstrating interoperability between these products live at the RSA Conference each year reinforces the reality of choice of vendor solutions for CIOs, CSOs and CTOs, enabling products from multiple vendors to be deployed as a single enterprise security solution that addresses both current and future requirements."

—Tony Cox of Cryptsoft, OASIS PKCS#11 RSA Interop Lead

CRYPTSOFT

FEITIAN

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ORACLE

Quintessence labs

utimaco®

Watchdata

PKCS #11 is part of the OASIS Open Standards Network. OASIS is an international consortium that brings companies, governments, academia, and individuals together to solve communications challenges. All are welcome to join and participate in the evolution of PKCS #11.

www.oasis-open.org | join@oasis-open.org

PKCS#11 Interop Participants

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. **www.cryptsoft.com**

FEITIAN

Established in 1998, FEITIAN is a public company in China and a trusted leader in the global market for EMV contact and contactless smart cards, payment terminals, and user authentication solutions for secure online banking and transaction security. Our end-to-end turnkey solutions include secure hardware, operating systems, middleware, software application, and services such as personalization and remote lifecycle management. FEITIAN is an essential component in the banking, enterprises, government, and educational institutions throughout the world. **www.ftsafe.com**

FORNETIX

From core to edge and beyond, Fornetix reduces costs, improves security and removes operational complexities by automating and optimizing enterprise encryption key management services. Our Key Orchestration™ product's cornerstone functions; Policy Engine, Workflow Automation, Audit/Tracking, and Highly Scalable Architecture, interoperate and integrate easily with existing systems, network components, and encryption technologies – giving businesses a powerful platform to wield encryption as a secure data weapon – protecting all forms of data, whether at-rest or in-transit. **www.fornetix.com**

ORACLE

Oracle engineers hardware and software to work together in the cloud and in your data center. With more than 400,000 customers—including 100 of the Fortune 100—in more than 145 countries around the globe, Oracle is the only vendor able to offer a complete technology stack in which every layer is engineered to work together as a single system. Oracle's industry-leading cloud-based and on-premises solutions give customers complete deployment flexibility and unmatched benefits including advanced security, high availability, scalability, energy efficiency, powerful performance, and low total cost of ownership. **www.oracle.com**

Quintessence labs

QuintessenceLabs is a leader in quantum cyber-security, delivering solutions to secure valuable data in-transit, at-rest or in-use. Harnessing quantum science, QuintessenceLabs' products uniquely maximize security, increase ROI from existing assets and reduce data-security management complexities. Our Trusted Security Foundation combines a high speed quantum true random number generator, a powerful vendor neutral key and policy manager, and an embedded secure key store, delivering the strongest basis for your security. **www.quintessencelabs.com**

utimaco®

Utimaco is a leading manufacturer of hardware security modules (HSMs) that provide the Root of Trust to the IoT. We keep your cryptographic keys and digital identities safe to protect critical digital infrastructures and high value data assets. Our products enable innovations and support the creation of new business by helping to secure critical business data and transactions. **hsm.utimaco.com**

Watchdata

Watchdata Technologies is a recognized pioneer in digital authentication and transaction security. Founded in Beijing in 1994, we now have international headquarters in Singapore, 11 regional offices, and serve customers in over 60 countries. Watchdata customers include mobile network operators, financial institutions, transport operators, governments and leading business enterprises. Our solutions provide daily convenience and security to over 1 billion mobile subscribers, 80 million e-banking customers and 50 million commuters. **www.watchdata.com**