



INTERNATIONAL CRYPTOGRAPHIC MODULE CONFERENCE 2017

May 16-19 | Westin Arlington Gateway | Washington, DC

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The year's leading event for professionals focused on commercial cryptography

Join a Global Community of Experts Focused on Commercial Cryptography

The International Cryptographic Module Conference is a growing forum for global expertise in commercial cryptography. At the fifth annual edition of the conference in May, industry leaders from over 20 countries will convene to address the unique challenges faced by those who produce, use, and test cryptographic modules, with a strong focus on standards such as FIPS 140-2, ISO/IEC 19790, and Common Criteria. The conference helps to foster a focused, organized community of users. ICMC covers the technical design problems to meet the standard, with a particular emphasis on the challenges posed as technology advances with respect to the current standards.

Who Should Attend

The conference is for those interested in developing, specifying and procuring certified commercial off the shelf cryptographic modules; manufacturers of cryptographic modules compliant with FIPS 140-2 or ISO/IEC 19790 around the world; laboratories and government departments responsible for testing cryptographic modules against FIPS 140-2 or ISO/IEC 19790; key players and stakeholders in standards development; leading members of the academic community; embedded systems OEMs; and the side channel research community

Previous Conference Topics

Advanced Technology: Quantum Computing Current Research and Standards for Quantum Safe Cryptography * Update on the Quantum Threat, Mitigation, and Relevant Timelines * Quantum Safety In Certified Cryptographic Modules **Certification:** Overview of ISO 19790:2012 Revision * CAVP and the Upcoming Changes with Algorithm Testing * FIPS Inside * Automated Run-Time Validation for Cryptographic Modules * Introduction on the Commercial Cryptography Scheme in China **Industry Vertical/Embedded Crypto:** Security Credential Management System (SCMS) Applications Beyond Vehicle to Vehicle Safety * Connected Car Security in the V2X Infrastructure * **General Technology:** Modern Crypto Systems and Practical Attacks * What is My Cryptographic Boundary? * Let's Talk About Physical Security * An Overview of OpenSSL * Auditing OpenSSL * LibreSSL * Panel Discussion: The Future of Security **Common Criteria and Crypto:** Cryptography and the Common Criteria in Canada * Network Device Collaborative Cryptographic Module * An Update from the CCUF Crypto Technical Working Group **End-User Experience:** Keynote: Worlds Collide—Are We Ready for Security at Warp Speed? * The Pros and Cons of Using an Embedded FIPS Module vs. Validating an Entire Product * How Much is My Certification Really Worth—Keeping Standards Relevant in an Evolving World

Presented by CMUF

The Cryptographic Module User Forum (CMUF) provides a voice and communications channel between the community of unclassified cryptographic module (CM) and unclassified cryptographic algorithm developers, vendors, test labs and other interested parties, and the various national, international, and multi-lateral organizational committees, schemes, and policy makers.



Connect with colleagues at networking events and a special showcase exhibition



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Conference exhibit and sponsorship marketing opportunities are available:
Contact Bill Rutledge, +1 212-866-2169, bill.rutledge@ICMConference.org