

Microsemi, MIPS Technologies, Oberthur, Renesas and Technikon join the HIS Initiative

Semi-annual advisory member meeting will be held at Cartes, Paris on 16th November

Eindhoven, The Netherlands – November 15th, 2011 - Intrinsic-ID announces that Microsemi, MIPS Technologies, Oberthur Technologies, Renesas and Technikon join as additional new members of the HIS Initiative.

The HIS Initiative is an ecosystem that provides a forum for discussion, sharing of use cases and educational activities regarding a new hardware security approach, known as Hardware Intrinsic Security (HIS).

HIS technology enables a new level of security utilizing the inherent uniqueness in each and every silicon chip. The goals of the Initiative are to validate the HIS approach by industry leaders, increase the education available, and reduce the barriers to adoption of HIS solutions.

"Microsemi is a leading provider of semiconductor solutions differentiated by power, security, reliability and performance. Our customizable SoC (cSoC) products, comprised of both FPGA and MCU structures on a single device, provide an ideal platform for building custom security applications. Hardware Intrinsic Security technology enhances this capability with flexible and secure key management options for cryptographic applications", said Richard Newell, Senior Principal Product Architect, Microsemi.

"MIPS is a leading provider of processor IP solutions for the digital home, networking and mobile markets. We are committed to enabling secure content delivery and protection of digital assets across all of these segments. In a world of open-source operating systems, user contributed apps, mobile-based payments, privacy concerns, and rich media, hardware-intrinsic security coupled with middleware will play a pivotal role. MIPS supports this approach and welcomes a collaborative dialogue with other members of the HIS initiative to securing our digital future", said Amit Rohatgi, Principal Architect, Mobile, MIPS Technologies, Inc.

"Once again, Oberthur Technologies is at the fore front of innovation and security research. Combining its R&D strength and efficiency with its long term pragmatic approach regarding new developments, the Group offers today its clients new security features to answer new security problems", said Marc Bertin, Technologies and Innovation Director at Oberthur Technologies.

"The demands for encryption technology become more and more important for Consumer devices as well as for Industrial and Automotive devices due to their increasing connectivity to a network. To address these challenges, we believe cipher key generation and true random number generation using Physically Unclonable Function is very important technology. We advance our deployment of these technologies and further endorse HIS by our active participation as member

of the HIS Initiative”, said Masayuki Hirokawa, Department Manager of Automotive Electronics Advanced System Marketing Department, at Renesas Electronics Corporation.

"Security solutions based on physically unclonable functions are gaining momentum and show a huge potential for economic advantages and new level of security. Technikon established a new engineering services program for hardware entangled security with physically unclonable functions to follow this prosperous way and to support our customers' needs”, said Klaus-Michael Koch, CEO, Technikon.

“We are delighted to welcome Microsemi, MIPS Technologies, Oberthur, Renesas and Technikon as additional new members of the HIS Initiative ecosystem. HIS technology continues to enjoy a very positive market momentum, with a fast increasing deployment in security products and solutions”, said Tony Picard, Vice President Business Development at Intrinsic-ID.

To find out more about the members and activities of the HIS Initiative, please visit www.hisinitiative.org.

About Intrinsic-ID

Intrinsic-ID is recognized as a worldwide leader in security solutions, delivering semiconductor IP and embedded software products based on Hardware Intrinsic Security.

Our solutions revolve around patented Physically Unclonable Function (PUF) technology, where a secret key is extracted like a silicon biometric or fingerprint from silicon hardware directly and only when required.

Attackers have nothing to find because no key is stored nor present in the power down state.

We leverage our security expertise and product offering in several markets and applications, ranging from SmartCards, Automotive, Set-Top Box and Pay-TV applications, Networking & Comms, Mobile, as well as Government and Military applications.

Intrinsic-ID's security solutions excel by their ease-of-integration in a standard manufacturing flow, their scalability and small area and/or SW footprint which enables mass-scale deployment in cost-sensitive consumer applications.

Intrinsic-ID was founded in 2008 as a spin-out of Royal Philips Electronics and is headquartered in Eindhoven, The Netherlands. Its technology and products leverage many years of industrial development at Philips and have received public endorsement by leading electronic companies world-wide.

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