

Verimatrix and Riscure Launch Advanced Security Certification for UHD Enabled Chipsets

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Comprehensive Certification Gauges Security of Technology Components and Reflects MovieLabs' Enhanced Content Protection Specification

San Diego and Delft, The Netherlands, Sept. 9, 2015 – [Verimatrix](#), the specialist in securing and enhancing revenue for multi-network, multi-screen digital TV services around the globe, today announced that it has partnered with Riscure, the world's leading independent lab for security evaluations in the content protection industry, to develop an innovative security certification for ultra high definition (UHD) enabled system-on-chips (SoCs). The certification helps pay-TV operators with premium content services determine the UHD-readiness of their chipsets and offers validation of the security of the technology components that are part of their consumer equipment. Such validation helps enhance the revenue security of the entire UHD content delivery ecosystem, helping operators gain access to this new tier of premium content for their subscribers.

While the ViewRight® STB security client and VideoMark forensic watermarking solution serve as critical components of the VCAS Ultra™ multi-layered revenue security strategy, other technology components – such as chipsets and software layers on the chipset or set top box (STB) – also require certification to ensure the overall revenue security of a premium pay-TV service. This new Advanced Security certification encompasses these parts including Trusted Execution Environment (TEE) verification, providing pay-TV operators of premium services with assurance of the robustness of all of their technology components through state-of-art security testing, including in-depth analysis of security features at design- and implementation level, as well as hands-on simulated pirate attacks. Leveraging a variety of testing techniques helps ensure that target chipset or STB is capable of withstanding an attack.

Riscure has performed in-depth security analysis and penetration testing of TEE technology deployed by major SoC vendors, handset manufacturers and TEE solution providers for premium content and payment markets. Riscure has contributed to defining the GlobalPlatform® TEE security certification program and anticipates becoming a GlobalPlatform® accredited TEE security test lab soon. Riscure chairs the GlobalPlatform® Premium Content Task Force which aims at identifying the relevant premium content protection use cases, address their enablement in devices offering TEE capability, and define compliance and certification programs.

The certification process reflects the philosophy of the MovieLabs' Enhanced Content Protection Specification, and also includes verification of resistance of a broad range of attacks against the content itself, the encryption keys, TEE, and the forensic watermarking. The security certification process is extensively documented for review by content owners.

"UHD requirements place tremendous emphasis on the integrity of SoC security subsystems. Riscure is an expert security lab that has been testing chipsets of all major SoC vendors for many years," said Petr Peterka, CTO, Verimatrix. "Verimatrix partnered with Riscure on this important initiative because of its track record in the industry and its ability to allow technology partners to drive towards Verimatrix Advanced Security certification in a cost-effective manner."

"Verimatrix is a leading provider of revenue security for premium content," said Pascal van Gimst, Director Sales & Business development, Riscure. "Collaborating with Verimatrix on this certification confirms our leadership as a security test lab and test tool vendor in the premium content industry. We look forward to collaborating with Verimatrix to help ambitious pay-TV operators ensure the revenue security of their new premium UHD services."

IP connectivity and increased network capacity are providing fertile ground for Internet of Things (IoT) applications, which calls for a more proactive connected security management model. The embedded security experience from both Verimatrix and Riscure, including chip provisioning and personalization, hardware robustness and enhanced TEE, can greatly benefit pay-TV operators as they transition from a set of standalone network deployments to a world of globally interconnected solutions. Executives from both companies will be speaking on these topics at [IoT Security](#), Sept 22-23 in Boston, MA.

About Riscure

Riscure is a globally recognized and independent security test laboratory with offices in Delft, The Netherlands and San Francisco, USA. Riscure is specialized in evaluating and testing the security of embedded and connected devices that are designed to operate securely in any environment and under all circumstances. Riscure offers these services in different markets such as content protection, conditional access, payment, telecoms and automotive. Besides that, Riscure develops and maintains security test tools. [Inspector](#), Riscure's side channel analysis and fault injection test tool is used by manufacturers and research labs to evaluate the resistance of chips against high attack potential. Additional information is available at www.riscure.com.

About Verimatrix

[Verimatrix](#) specializes in securing and enhancing revenue for multi-network, multi-screen digital TV services around the globe. The award-winning and independently audited Verimatrix Video Content Authority System ([VCAS™](#)) and [ViewRight®](#) solutions enable cable, satellite, terrestrial, IPTV and OTT operators to cost-effectively extend their networks and enable new business models. As the established leader in cardless security solutions, the company has leveraged its innovative 3-Dimensional Security approach to provide harmonized rights for premium content delivery to a range of devices over new hybrid network combinations.

Maintaining close relationships with major studios, broadcasters, standards organizations and its [unmatched partner ecosystem](#) enables Verimatrix to provide a unique perspective on video business issues beyond content security as operators introduce new services to take advantage of the proliferation of connected devices. Verimatrix is an ISO 9001:2008 certified company. For more information, please visit www.verimatrix.com, our [Pay TV Views blog](#) and follow us at [@verimatrixinc](#), [Facebook](#) and [LinkedIn](#) to join the conversation.