Elliptic Technologies Secure HDCP 2.2 Content Protection Solutions Selected by ST-Ericsson

Elliptic Technologies; ST-Ericsson

Ottawa, Canada - Elliptic Technologies [1] has announced that ST-Ericsson [2] has selected the Elliptic hardware-assisted tVault HDCP solution to support the Wi-Fi (WFD) Miracast wireless technology on the NovaThor L8540 platform for smartphones and tablets. Elliptic's tVault HDCP supports the recently released High-bandwidth Digital Content Protection 2.2 (HDCP 2.2) specification for premium content delivery and distribution and is fully integrated with all major Miracast stacks, including Android.

"I am very pleased with our close collaboration with a leading provider of mobile platforms and wireless semiconductor solutions such as ST-Ericsson," comments Vijay Dube, President and CEO of Elliptic Technologies.

"Elliptic is leading the industry in the development of high performing, configurable and proven security solutions based on the latest specifications. Our tVault HDCP technology supporting HDCP 2.2 was first to market and is integrated into numerous products worldwide, including ST- Ericsson's cutting-edge smartphone and tablet platforms."

The ST-Ericsson NovaThor family combines advanced application processing, a high speed mobile broadband modem and a full connectivity suite in a complete platform. The NovaThor L8540 integrates a dual-core, 1.85GHz ARM Cortex-A9 processor, a powerful Imagination PowerVR SGX544 GPU running at 500MHz, and an LTE/HSPA+/TD-HSPA modem on a single 28nm die.

It provides extraordinary multimedia performance in an integrated solution, supporting 1080p video encoding, support for displays up to WUXGA (1920x1200) at 60 frames per second and support for cameras up to 20 megapixels. The complete platform includes pre-integrated connectivity with support for Bluetooth, GNSS (GPS+ GLONASS), FM, WLAN, Wi-Fi Direct and NFC.

"Wireless video streaming applications enabled by the Miracast certified technology brings the user experience to a whole new level," says Patrice Meilland, senior vice president of NovaThor Solutions for ST-Ericsson.

"Elliptic's expertise and field-proven content protection solutions fully integrated with ST-Ericsson's Trusted Execution Environment and Miracast technologies, allow our NovaThor L8540 platform to provide extraordinary multimedia quality and performance while ensuring that the premium content is secured by most advanced standards-based technologies".

Elliptic's tVault HDCP 2.x incorporates the stringent robustness requirements

mandated by the Digital Content Protection (DCP) licensing authority and has been fully integrated with all major WFD/Miracast wireless video stacks and Global Platform compliant Trusted Execution Environments (TEE). The solution runs efficiently in very limited resource environments and provides smooth streaming of High Definition (HD) content.

Elliptic will demonstrate its Security Solutions at the Mobile World Congress 2013 in Barcelona Spain at Booth #7F24. ST-Ericsson will demonstrate its NovaThor™ L8540 ModAp platform with Miracast Wi-Fi Display at Booth #7E111.

For more information visit www.elliptictech.com [1] and www.stericsson.com [2].

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