

PRESS RELEASE

StarChip and Cortus announce a strategic partnership to deliver Secure Solutions for the IoT, M2M and Industry 4.0 markets

Paris, November 2nd 2016

StarChip, a dynamic semiconductor company (subsidiary of Safran Identity & Security), and Cortus, a technology leader in low power, 32-bit processor IP, today announced a new strategic collaboration to deliver secure solutions for the Internet of Things, Machine to Machine and Industry 4.0 markets. This partnership will combine StarChip's expertise in hardware security with Cortus's strong competency in developing advanced low powered 32-bit processors to provide root of trust solutions for today's interconnected world facing complex security threats.

After 6 years of fruitful collaboration with proven track records of launching successfully new products for telecom and payment applications and having shipped more than 800 million parts to the smart card market, StarChip and Cortus now have in common focus IoT, M2M and Industry 4.0 fast growing markets.

Joining their forces, StarChip and Cortus have already developed several M2M hardware devices shipped in high volumes and recently brought to the market the first product of StarChip's new IoT Secure Controllers family. This certified EMVCo* device is compact and easy-to-integrate as a companion chip in any sensor, device, or gateway.

StarChip and Cortus will capitalize on their unique capabilities to deliver a full range of embedded security solutions for connecting objects, devices and machines. The objective of both companies is to deliver a set of root of trust solutions adapted to many use cases of the IoT applications, as but not limited to, eSIM, Low Power Wide Area Network (LPWAN) and Know Your Customer (KYC) authentications.

"We are pleased to be teaming up again with Cortus on innovative architectures embedding security features and low-power consumption for the IoT market. We have created the right hardware for the secure Internet of Things to thrive," stated Hanene Maupas, Starchip VP Sales and Marketing.

"Cortus warmly welcomes the extension of our long-standing cooperation with StarChip to root of trust solutions in the IoT, M2M and Industry 4.0 areas" said Roddy Urquhart, Cortus VP Sales and Marketing. He added: *"The Cortus APS architecture is minimalist, meaning that it is very efficient in silicon area, code density and power consumption as well as being an outstanding foundation for security applications. Its modularity also means that it can be fine-tuned to meet specific licensee needs. StarChip have taken advantage of this capability by working closely with us to specify the precise features needed for their secure microcontrollers."*

**EMVCo is an organization which facilitates worldwide interoperability and acceptance of secure payment transactions.*

StarChip®, a subsidiary of Safran Identity & Security, delivers root of trust products to build digital connected solutions and services. Our Secure Elements are based on state-of-the-art, flash-based 32-bit architectures. They are designed to offer maximum integration, providing support for embedded, innovative security technologies, analog functionality, connectivity and control interfaces. The result is a flexible and secure set of solutions that can easily meet the requirements of a wide variety of markets, including smart card, secure IoT, mobile, consumer, and several industrial applications.

Find out more about StarChip and IoT/M2M products by visiting the links below:

- For information about StarChip: <http://www.starchip-ic.com/>
- StarChip's complete M2M portfolio: <http://www.starchip-ic.com/Products/M2M.html>
- Download StarChip M2M brochure and datasheets: <http://www.starchip-ic.com/Download/Download.html>
- See StarChip's complete IoT portfolio: <http://www.starchip-ic.com/Solutions/IOT.html>

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Safran is a leading international high-technology group with three core businesses: Aerospace (propulsion and equipment), Defence and Security. Operating worldwide, the Group has 70,000 employees and generated sales of 17.4 billion euros in 2015. Safran is listed on Euronext Paris and is part of the CAC40 index, as well as the Euro Stoxx 50 European index.

Safran Identity & Security is a global leader in identity and security solutions, deploying systems in more than 100 countries. Backed by more than 40 years of experience in biometrics, the company develops innovative technologies for the public and private sectors, including identity management, secure transactions and public security solutions.

About Cortus S.A.S.

Cortus S.A.S. is a technology enabler for rapidly growing applications including Internet of Things (IoT), wearable electronic devices, smart sensors and security. It has specialised in 32-bit processor cores which can significantly reduce manufacturing costs while achieving computational performance and power constraints. Integrated circuits containing Cortus cores have been manufactured in high volumes for a wide range of applications including automotive, CMOS imaging, M2M controllers, secure execution, sensors, SIM cards, PayTV cards, smart metering and wireless. Cortus' headquarters are in Montpellier, France.

Find out more about Cortus and IP products by visiting the links below:

- For company and product information: <http://www.cortus.com>
- For Cortus' IoT and M2M design webinar: <http://www.cortus.com/webinar2016.php>

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