

Press release, Gothenburg and Cambridge
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Trustonic and Fingerprint Cards Collaborate to Bring Secure Biometrics to Connected Devices

Trustonic TEE technology to secure FIDO Ready biometric authentication in smart devices

Trustonic, the leading provider of Trusted Execution Environments (TEEs) for smart devices, and Fingerprint Cards AB (FPC) today announced a collaboration to accelerate the availability of FIDO Ready™ secure biometric authentication on connected devices.

The collaboration focuses on FPCs touch fingerprint sensors (FPC1020, FPC1021 and FPC1150) and sensor driver software that are built to use Trustonic t™-base TEE. This will allow mobile device OEMs to reduce integration time and offer fingerprint authentication and Secure UI capabilities as they prepare to launch smartphones and tablets using FPC's touch fingerprint sensors from the fall of 2014. The fingerprint sensor driver caters to the demand for robust identity and authentication technologies as users embrace the next wave of trusted high-value services on their mobile devices.

The FPC fingerprint sensor driver uses the Trustonic TEE to enable hardware isolation of fingerprint matching and template storage, without sacrificing high-performance app processing and cutting integration efforts to the shortest possible for the OEMs. This hardware-class approach to security on smart connected devices overcomes the vulnerabilities of fingerprint authentication using device operating systems (OS).

Fingerprint authentication technology removes the need for usernames and passwords on connected devices. The convenience and trust afforded to consumers, service providers and device OEMs through adoption of biometrics and fingerprint sensors on smart devices is predicted to result in growth by 16.8% to \$14.35 billion by 2020¹.

“Traditionally, biometric sensors would feature their own processor, which has proven to be expensive and time-consuming in getting products to market,” said Trustonic CEO, Ben Cade. “As the leading TEE already integrated in over 250 million devices, our collaboration with Fingerprint Cards will help drive the adoption of biometric sensors into the next wave of connected devices. For service providers and consumers, this offers greater convenience and a higher level of trust in payment services and enterprise security.”

Johan Carlström, CEO of FPC, said: “FPC is the leading global supplier of capacitive touch fingerprint sensors and the leader in fingerprint sensors for mobile devices. By using Trustonic's industry-leading TEE to protect our fingerprint sensor driver, FPC can now help OEMs to rapidly deploy FIDO-compliant robust biometric authentication to cater to the growing demand for value-added services on connected devices.”

If you would like to learn more about how TEE can authenticate services such as mobile payments, please read the recent Trustonic whitepaper, Five Standards for One Way to Pay.

¹ Fingerprint Sensor Market: Markets and Markets – July 2014

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About Trustonic

Trustonic integrates hardware-level security and trust directly into the devices through which we access today's connected world. Trustonic simplifies user experiences in everything from mobile shopping and Internet banking to entertainment to collaborating in the workplace. Trustonic Limited is a privately held company, between three shareholders: ARM, Gemalto and Giesecke &

Devrient (G&D). Trustonic technology is embedded in over 250m smart connected devices, and partners with market leaders such as 20th Century Fox, Cisco, Samsung, Qualcomm and Good Technology. To learn more about Trustonic and how it's making your connected world a better place, visit us at www.trustonic.com

About Fingerprint Cards AB (publ)

Fingerprint Cards AB (FPC) markets, develops and produces biometric components and technologies that through the analysis and matching of an individual's unique fingerprint verify the person's identity. The technology consists of biometric sensors, processors, algorithms and modules that can be used separately or in combination with each other. The competitive advantages offered by the FPC's technology include unique image quality,

extreme robustness, low power consumption and complete biometric systems. With these advantages and the ability to achieve extremely low manufacturing costs, the technology can be implemented in volume products such as smart cards and mobile phones, where extremely rigorous demands are placed on such characteristics. The company's technology can also be used in IT and Internet security, access control, etc.

Fingerprint Cards AB (publ) discloses this information pursuant to the Swedish Securities Market Act (2007:528) and the Swedish Financial Instruments Trading Act (1991:980). The information was issued for publication on August 19 at 08.00 am CET.

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