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Synaptics SentryPoint Security Selected for PQI My Lockey USB Fingerprint Dongles

Features SecureLink End-to-End Encryption, PurePrint Anti-Spoof Technologies

COMPUTEX, TAIPEI Taiwan and SAN JOSE, Calif., June 01, 2017 (GLOBE NEWSWIRE) -- Synaptics Incorporated (NASDAQ:SYNA), the leading developer of human interface solutions, today announced the newest PQI My Lockey USB dongles feature Synaptics® Natural ID™ fingerprint sensors with integrated SentryPoint™ technology. The PQI My Lockey offers simple, swift and secure fingerprint authentication to Windows 10 notebook PCs that lack integrated biometric sensor implementation.

Synaptics' SentryPoint includes SecureLink™ which combines support for TLS protocol with ECC authentication and AES encryption. This highly-secure transfer protects data end-to-end from the fingerprint sensor to the host and leverages the latest industry standards. Quantum Matcher™ technology is used for fingerprint template matching and authentication. The PQI My Lockey also leverages Synaptics' PurePrint™ anti-spoof technology to help distinguish between fake or spoofed fingerprints and actual live fingers. PurePrint drivers are regularly updated with new devices to combat new spoofing techniques and materials.

The PQI My Lockey is a fully-housed, ready-to-use fingerprint module small enough to remain unobtrusively installed in any notebook USB port. Following a simple user enrollment procedure, secure authentication is completed with a single touch of a finger, enabling fast PC access and the full use of Windows Hello and Microsoft Passport. Synaptics Natural ID solutions are FIDO Certified (Fast IDentity Online), providing broad compliance with an industry-wide ecosystem of products.

"PC users today face uncertainties in privacy and personal data security, and fingerprint biometric ID is the simplest and yet complex protection mechanism one can have to safeguard their data," said KC Tu, special assistant, PQI Product Division. "PQI is honored with the pleasure of working with Synaptics to co-create the PQI My Lockey. The My Lockey dongle offers the ultimate data protection due to special Synaptics features including unique algorithms to protect against forgery and unauthorized data access."

"PQI understands that safe fingerprint sensors require SecureLink end-to-end encryption from the moment the finger touches the sensor all the way to the Quantum Matcher template authentication tool located on the host OS," said Godfrey Cheng, vice president marketing, Human Interface Systems Division, Synaptics. "The Synaptics single-chip solution does not require an external microcontroller for handling the cryptographic functions and is fully integrated with secure TLS communication and 256-bit AES encryption. This is critical due to the rapid growth of online payments, combined with the need for protecting access to PC data for both businesses and consumers alike."

About Synaptics:
Synaptics is the pioneer and leader of the human interface revolution, bringing innovative and intuitive user experiences to intelligent devices. Synaptics' broad portfolio of touch, display, and biometrics products is built on the company's rich R&D, extensive IP and dependable supply chain capabilities. With solutions designed for mobile, PC and automotive industries, Synaptics combines ease of use, functionality and aesthetics to enable products that help make our digital lives more productive, secure and enjoyable. (NASDAQ:SYNA) www.synaptics.com.

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