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Synaptics Natural ID Fingerprint Sensors Achieve Industry-First Banking Card Test Center Certification

BCTC is China's First Fingerprint Qualification Authority, Assigned by Major Banks to Manage Compliance Testing

SAN JOSE, Calif., Jan. 17, 2017 (GLOBE NEWSWIRE) -- Synaptics Incorporated (NASDAQ: [SYNA](#)), the leading developer of human interface solutions, today announced its Natural ID™ biometric fingerprint authentication solution, the VFS7500S, is the industry's first fingerprint sensor fully certified through the Banking Card Test Center, or [BCTC](#). The BCTC was assigned by China UnionPay (CUP) and other key banks to perform and manage fingerprint sensor certification testing.

The Synaptics® VFS7500S Natural ID™ fingerprint sensor family features SentryPoint™ Security Suite technology. SentryPoint offers a wide-range of unique and highly secure authentication features including Quantum Matcher™ for fingerprint template authentication, and PurePrint™ anti-spoof technology. PurePrint examines fingerprint images using unique artificial intelligence technology to reliably distinguish between fake and actual fingers. Security is also enhanced using Synaptics' SecureLink™ 256-bit AES with TLS 1.2 encryption. This single-chip solution does not require an external microcontroller for handling the cryptographic functions.

Synaptics also worked together with CUP on their official Biometrics Guidelines charter. These guidelines define CUP's secure and trusted technical framework used for identity authentication on intelligent devices. As fingerprint identification is the most established biometric technology at present, it is used as an example for illustration in the CUP specification and leverages Synaptics' leadership and authority on secure fingerprint authentication.

"With the rapid growth of fingerprint sensors on smartphones and PCs, and the rise in mobile financial transactions, fingerprint sensor certification through organizations including BCTC and FIDO are a critical path forward in consumer and banker confidence of secure payments and user identity," said Anthony Gioeli, vice president of marketing, Biometrics Product Division, Synaptics.

Learn more:

- | [BCTC website](#)
- | Natural ID [product website](#)
- | Natural ID [technology website](#)
- | Natural ID [videos](#)

About BCTC:

Bank Card Test Center (BCTC) was established in 1998 with the authorization of People's Bank of China and became "National Financial IC Card Security Test Center." As an independent third-party test service provider, against international, domestic, and financial industry specifications and standards, the main business of BCTC is to provide functional and security testing and assessment on chips, cards, acceptance terminals, mobile payment products, payment systems, and consulting/training services for global bank card and e-payment industry stakeholders. As a financial industry testing service provider, national-accredited test center, and the international test laboratory accredited by global standardization organization like EMVCo, PCI, GlobalPlatform, and global payment organizations like UnionPay, VISA and MasterCard, BCTC provides technical services for global bank card and the e-payment industry.

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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For further information, please contact:

David Hurd, Synaptics

+1-408-904-2766

david.hurd@synaptics.com

 Primary Logo

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