

FPC and jNet Secure Unveil Biometric SiP Module - A Game-Changer for Passwordless Authentication

Fingerprints and jNet Secure unveil a groundbreaking biometric SiP module, enabling secure, scalable, and passwordless authentication solutions.

LOS GATOS, CA, UNITED STATES,
February 5, 2025 /EINPresswire.com/ --

Los Gatos, USA, and Gothenburg,
Sweden, 30 January 2025 – Fingerprint
Cards AB (Fingerprints™), a world
leader in biometric technology, has
partnered with jNet Secure, a global

authority in secure operating systems, to introduce a turnkey biometric System-in-Package (SiP) module that accelerates the deployment of biometric security and passwordless authentication solutions. This innovative solution empowers enterprises, system integrators, and USB token manufacturers to bring FIDO2-compliant authentication products to market faster and with minimal complexity.

“

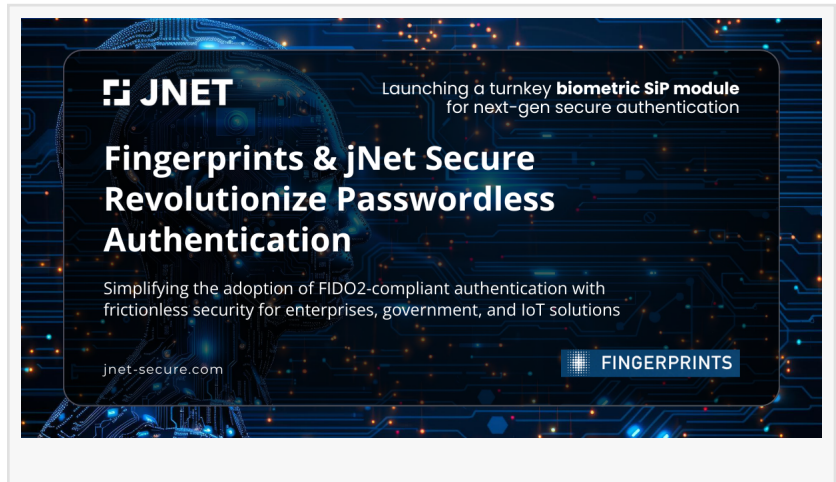
Our SiP module offers unparalleled scalability, revolutionizing biometric digital authentication globally.”

*Mikhail Friedland, CEO of jNet
Secure*

The SiP module integrates Fingerprints' advanced biometric sensor with a high-performance CC EAL6+ Secure Element with USB/NFC interfaces and features jNet's advanced [JavaCard / GlobalPlatform](#) runtime, enabling seamless multi-applets deployment.

Revolutionizing Security Across Industries

jNet Secure, with over 20 years of leadership in JavaCard/GlobalPlatform technologies, powers EMVCo, government ID, and crypto wallet solutions worldwide. The SiP module complies with FIDO Alliance and W3C standards and provides a robust, passwordless authentication alternative to traditional credentials by replacing passwords with secure, hardware-bound cryptographic key pairs. Engineering samples of the module will be available this summer, with mass production expected to begin in Q4 2025. The solution is designed to support a wide range of high-security



applications, including:

- Enterprise and Cloud Authentication: Seamlessly securing workforce and customer access to critical applications.
- Biometric Passkeys (FIDO) Tokens: Delivering secure, frictionless passwordless authentication, achieving the goal of supporting FIDO CTAP2.2 in 2025
- Self-Sovereign Identity and Crypto Wallets: Enabling secure key storage, verifiable credentials (VC), and blockchain transaction signing all inside the SiP.
- Payment & Authentication: Supporting OpenPGP and secure financial transactions.
- Government ID (Gov-ID) Solutions: PIV, ensuring compliance with the highest security standards.

This solution promises to revolutionize the industry by simplifying the integration and accelerating time to market. It will enable product companies to seamlessly incorporate these features into their product lines.

"PINs and passwords are fundamentally flawed," comments Adam Philpott, CEO of Fingerprints. "Data breaches, phishing, and other attacks on digital services are escalating at an exponential rate, making it crucial for us to address this challenge head-on. We are witnessing a significant push with rapid growth in this segment, with numerous new players eager to enter the market. This necessitates the provision of a turnkey solution. Our initiative with jNet aligns perfectly with our strategy of delivering biometric system solutions and end-user applications through strategic partnerships. jNet is the perfect partner, as their expertise complements ours."

Mikhail Friedland, CEO of jNet Secure, added, "Unlike traditional solutions, our SiP module offers unparalleled scalability with integrated JavaCard v3.2/GlobalPlatform v2.3.1 runtime and its advanced cryptographic capabilities. Our collaboration with Fingerprints accelerates the path to secure biometric digital authentication."

About Fingerprints

Fingerprint Cards AB (Fingerprints) is a world-leading biometrics company headquartered in Sweden. Its solutions are integrated into millions of devices globally, providing secure, seamless identification and authentication. Fingerprints is listed on Nasdaq Stockholm (FING B).

For more details, visit: <https://www.fingerprints.com/solutions/access/>

About jNet Secure

jNet Secure is a trusted provider of secure operating systems and authentication solutions, specializing in JavaCard/GlobalPlatform technologies for enterprises, financial institutions, and government agencies worldwide. For more information, visit: <https://www.jnet-secure.com/>

Dariia Sokolenko

408-802-0640

[email us here](#)

jNet Secure

Visit us on social media:

[LinkedIn](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/782916631>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.