
Smart Eye and FPC demonstrate multi-modal biometric authentication combining face and iris recognition

New functionality combines facial authentication and iris recognition to enable stronger identity verification, with live demonstration at Auto China 2026 and RSAC 2026.

Gothenburg, Sweden – March 12, 2026 – Smart Eye AB and Fingerprint Cards AB (FPC) today announced a new multi-modal biometric authentication capability that combines Smart Eye’s facial authentication with FPC’s iris recognition technology. By verifying identity using two independent biometric signals captured by the same camera, the functionality significantly strengthens authentication while maintaining a natural and seamless user experience.

This new authentication capability builds on the collaboration announced in January 2025, when Smart Eye licensed FPC’s iris recognition technology. Since then, the companies have worked to integrate the technology with Smart Eye’s existing sensing capabilities, resulting in a combined approach that enables face and iris verification to operate together.

Using both modalities simultaneously significantly increases authentication robustness. Facial authentication alone can achieve an accuracy of approximately 1 in 10,000, while iris recognition can reach around 1 in 1,000,000. When combined in a multi-modal approach, the probability of a false match drops to approximately 1 in 1,000,000,000, improving resilience against spoofing and unauthorized access.

The system enables iris authentication at distances up to three meters, allowing users to be verified without stopping or interacting with a separate sensor. Running on a dedicated hardware configuration developed by Smart Eye, it also supports capabilities such as triangulation and continuous authentication, keeping identity verification active throughout an interaction rather than relying on a single authentication event.

The combined functionality can support a range of security-sensitive applications where identity verification must occur seamlessly during everyday interaction. Potential use cases include in-vehicle access control and personalization, smart home environments, media interaction, cybersecurity, and other access-controlled environments. The technology is also well suited for high-security settings such as law enforcement, defense, and other critical workplaces where reliable identity verification is essential.

Adam Philpott, CEO of FPC, comments:

“This collaboration clearly demonstrates the strength and momentum of our partnership with Smart Eye. By integrating our iris recognition technology with Smart Eye’s facial authentication, we can enable a multi-modal approach that combines ease of use with a significantly higher level of security. It also shows how our iris technology has matured into a scalable, product-ready solution that supports our expansion into new uses and markets, and long-term growth.”

Martin Krantz, CEO & Founder of Smart Eye, added:

“Our collaboration with FPC is now producing concrete results. By combining facial authentication with iris recognition, we can verify identity far more reliably than with a single biometric alone. This opens up new opportunities for our customers both within automotive and in other sectors where secure identity verification is becoming increasingly important.”

Smart Eye will demonstrate the combined face-and-iris authentication capability live in its booth during **Auto China 2026**, taking place in Beijing from **April 24 to May 3**.

FPC will be at **RSA Conference**, in San Francisco, **from 23 to 26 March**, showcasing this solution to partners and customers through dedicated meetings and demonstrations.

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About FPC

Fingerprint Cards AB (FPC) is a global biometrics and identity leader. We deliver intelligent edge-to-cloud solutions that make identity secure, seamless, and passwordless. Trusted by enterprises, fintechs, and OEMs, our platforms power hundreds of millions of devices and enable billions of authentications daily. Beyond consumer electronics and payments, we strengthen enterprise identity with help desk enablement, self-service recovery, and support for shared devices. With multi-modal biometrics, including fingerprint, iris, face, and more, we reduce friction, cut IT costs, and improve user experience. FPC is listed on Nasdaq Stockholm (FING B). Discover more at our [website](#) and follow us on [LinkedIn](#) and [X](#) for the latest updates. FPC is listed on Nasdaq Stockholm (FING B).

About Smart Eye

Smart Eye is the leading provider of Human Insight AI, technology that understands, supports and predicts human behavior in complex environments. The company is on a mission to bridge the gap between humans and machines for a safe and sustainable future. Supported by Affectiva and iMotions – companies it acquired in 2021 – Smart Eye’s multimodal software and hardware solutions provide unparalleled insight into human behavior.

In automotive, Smart Eye’s driver monitoring systems and interior sensing solutions improve road safety and the mobility experience. The company’s eye tracking technology and iMotions biosensor software platform are also used in behavioral research to enable advanced research in academic and commercial sectors. In media analytics, Affectiva’s Emotion AI provides the world’s largest brands and market researchers with a deeper understanding of how consumers engage with content, products, and services.

Press Release
12 March 2026



Founded in 1999, Smart Eye is a global company headquartered in Sweden, with customers including NASA, Nissan, Boeing, Honeywell, Volvo, GM, BMW, Polestar, Geely, Harvard University, 28 percent of the Fortune Global 500 companies, and over 1,300 research organizations around the world.

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