

Precise Match-on-Card™ technology



Over the years, biometric technology has proven to be a useful replacement for PINs and passwords irrespective of the market, the card technology, or the application. Advantages of using biometrics include security, speed, and user-acceptance. However, biometrics has long been burdened by concerns over privacy and security.

How Match-on-Card Works

Match-on-Card technology elevates biometrics from a mere PIN replacement to an integral part of a secure and privacy-enhancing smart card solution. Match-on-Card technology takes biometric security and convenience one step further by performing the actual fingerprint match within the tamper-proof environment of a smart card. This removes the uncertainty of matching on a network-connected device, an external server, or a database – normally considered weak links in the security chain.

Match-on-Card creates a fully integrated biometrics solution for smart cards, which surpasses PINs and passwords in convenience, security, performance, and ease of use. The Match-on-Card technology was developed to meet the needs and demands of new markets and users of national ID and travel documents. Match-on-Card is becoming an integral part of high-security smart cards in many diverse markets.

Precise Match-on-Card™ Secures your Personal Information

Leading the advances and market for Match-on-Card is Precise Biometrics, an innovative security company that supplies world-leading systems for fingerprint and smart card-based authentication. The company's solutions replace keys, PIN codes, and passwords and enhance the integrity of ID cards and passports. With its interoperable Precise Match-on-Card™ technology, the company is a market leader within smart ID cards. Precise Biometrics delivers complete biometrics solutions including fingerprint, iris and facial recognition. The product line includes systems for access control to buildings, computers and networks, and for integration into ID cards and passports.

Precise Match-on-Card™ Advantages

- Increased security
- Scalability
- Preserved user privacy
- Off-line operation

Read more about Precise Match-on-Card™ technology and Match-on-Card at www.precisebiometrics.com/whitepapers and www.matchoncard.com

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