



PRECISE MATCH-ON-CARD™ BANK CARDS

With more cards in people's possession, security is at risk as PINs are written down in order not to be forgotten. Using a fingerprint in combination with a smart bank card meets new security demands while protecting the individual's privacy. With Precise Match-on-Card™, the bank card becomes truly personal.

COMPATIBLE WITH EMV

Smart cards are established in the banking and payment card industries through EMV (Europay, MasterCard and Visa Standard) deployment, which is ongoing globally. The security advantages afforded by the technology are well recognized.

Match-on-Card fingerprint recognition fits perfectly with EMV architecture, as card holder verification is still performed inside the smart card. It offers a stronger link between the card and the card holder.

MAKING THE BANK CARD TRULY PERSONAL

Precise Match-on-Card™ binds the card to one specific physical person, removing the possibility of transferring or delegating card usage, and making the card truly personal.

Precise Match-on-Card™ is completely scalable. It can be introduced to any segment of card holders and activated on specific terminals. As the function is integrated with the card and completely local, there are minimal infrastructure costs associated with the technology.

Precise Match-on-Card™ performs matching in a split second, based on a single finger placement. It therefore allows card holder verification with exceptional ease-of-use, speed and increased security.

PROVEN IN ID CARD PROGRAMS

Contracted more than 80 million users all over the world, the Precise Match-on-Card™ technology is established, in wide use and well proven. Precise Biometrics is the market leader in this field and among our references are several national ID card programs, such as Thailand, Portugal and Qatar.

INTEROPERABILITY

Making Precise Match-on-Card™ your choice of fingerprint recognition technology, cards, fingerprint readers and applications can be chosen, mixed or replaced to fit changing system requirements, budgets and needs. And Precise Match-on-Card™ is fully compatible with all Java and Multos cards.

About us

Precise Biometrics is an innovative Swedish company with global presence, offering technology and expertise for fingerprint recognition to prove people's identities. Our end-customer references are countries and government agencies, large global corporations, as well as local businesses.

Fingerprint recognition adds value to a wide range of applications and scenarios where an identity has to be verified. Precise Biometrics is committed to delivering fingerprint recognition solutions that are fast, secure, easy to use and reliable.



RELATED PRECISE BIOMETRICS' PRODUCTS & CONSULTING



PRECISE BIOMATCH™ FOR BANK CARDS

Precise Match-on-Card™ targeted bank applications and available for implementation on any smart card platform: Java, Multos, .NET or native integration in card operating system.

We also develop customized applications to handle secure smart card management and storage of biometric information on the smart card.

PRECISE BIOMATCH™ FLEX FOR BANK CARDS

Precise Match-on-Card™ toolkit for integrating the Match-on-Card capabilities in the bank system.

FINGERPRINT ENROLLMENT MODULE

A software functionality using input from grayscale images, performs automated quality checks as well as supports the operator in their manual verification of the suitability of the collected biometric information. This is made through an adapted Graphical User Interface (GUI), which can be made to require affirmative input from the operator.

INTEGRATION SERVICES

Precise Biometrics also offers the integration of these modules into your hardware and software systems, as well as the necessary documentation and customization to your organization and workflow.

CONSULTING

Precise Biometrics' know-how and professional experience is offered on a consultancy basis in any small to large-scale project involving fingerprint recognition and smart card technology.

We are experts in procedures and user documentation to support enrollment, verification, integration of biometrics with Java applets on smart cards, as well as user and administrator training.

FINGERPRINT READERS

Precise BioMatch™ Embedded is an adopted and compiled version of Precise Match-on-Card™, available for implementation to bank and point-of-sales terminals.

EXAMPLES OF USAGE AREAS

- Cash withdrawal and other transaction services at a ATMs or self-service bank kiosks.
- Customer identity verification when using bank services in bank office.
- Secure online verification for e-Banking services, using a card and fingerprint reader at home.
- Physical access to safe deposit boxes.

