



PRECISE MATCH-ON-CARD™ NATIONAL ID CARDS

All over the world, countries implement national smart ID cards. Today, practically every national ID card program includes Match-on-Card biometric technology. It has proven to be a secure, highly convenient and cost-effective way of verifying identity.

The smart national ID cards have the potential and capacity to combine the functions of a conventional ID card with a driver's license, national health card, senior citizen's card, and many other options.

THE CHALLENGE

In order to extend the use of the smart ID cards to e-Government, merchants and the Internet, the challenge is to provide biometric cardholder verification with non-repudiation on-card. The introduction of a smart ID card increases security against fraud and tampering with documents. It does not in itself provide any new functionality to an ID card system, without the addition of biometrics.

EXTENDING THE USE OF ID CARDS

Precise Match-on-Card™ is integral to a nation introducing a smart national ID card for citizen identity purposes and additional e-Government services. It is the enabler for commercial and Internet use while enhancing control of fraud and identity theft. Precise Match-on-Card™ allows

these multi-purpose cards to be secure enough to protect the privacy of its citizens, reducing concerns of large national databases tracking citizen movement and actions.

PARTNERS AROUND THE WORLD

In order to supply technology for national ID card projects, Precise Biometrics works together with global smart card partners, system integrators and directly with governments. The Precise Match-on-Card™ technology is available from the majority of the world-leading manufacturers of smart cards. This makes Precise Biometrics ready to meet market demands for biometrics used in national ID cards.

STRONG REFERENCES

With approximately 80 million Match-on-Card licenses contracted to national ID card programs, Precise Biometrics' is the market leader within this technology field. Among our references are the national ID card programs for Thailand, Portugal and Qatar.

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 NATIONAL ID CARDS

Precise Match-on-Card™ is 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 NATIONAL ID

Precise Match-on-Card™ toolkit for integrating the Match-on-Card capabilities in the PC-environment. The toolkit is made available customized for the specific needs and requirements of the country and the intended use of the national ID card. It expands the ID card usage areas, not only to e-Government services but also to commercial use; such as age control by merchants, ID checks by car rentals, age limits for online chat rooms, etc. This allows for value of ownership

FINGERPRINT ENROLLMENT MODULE

A functionality in the software 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 the enrollment modules into your hardware and software systems, as well as the necessary documentation and customization to your organization and workflow.

PARTNERS

Our partners are large smart card partners as well as global and regional system integrators. Together we provide the fingerprint recognition solutions best suited for any ID card program. www.precisebiometrics.com/partners

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, and carry out user and administrator training.

FINGERPRINT READERS

Precise 250 MC is a combined fingerprint and smart card reader, designed for public use offered by Precise Biometrics. The Precise 250 MC has also met US Government FIPS 201 certification and is listed on GSA APL*.

Precise BioMatch™ technology supports a large number of fingerprint readers available in the market, among these; reference implementations of UPEK and AuthenTec capacitive sensors as well as Sagem, CrossMatch and Smith Heimann optical readers.

Precise BioMatch™ Embedded is an adopted and compiled version of Precise Match-on-Card™, available for implementation on any fingerprint devices.



* For more information about FIPS and US Government requirements go to <http://fips201ep.cio.gov/apl.php>