

## Precise BioMatch™ Smart Card 64



- A highly secure Java Card™ with Precise Match-on-Card™ technology
- Increased security – two-factor authentication identifies people, not PINs
- Preserved privacy – no database of fingerprint templates required
- Easy integration and short time-to-market through ready-to-use Precise Match-on-Card™ capability

Precise BioMatch™ Smart Card is a 64K Java Card with Precise Match-on-Card™ functionality.

The Precise BioMatch™ Smart Card is designed for use with Precise Match-on-Card™ Logon, Precise BioMatch™ Demo, and development using Precise BioMatch™ Pro Toolkit.

Precise BioMatch™ Smart Card integrates Precise BioManager™ J and Precise IDStore™ J, which can be used to develop a complete smart card application suitable in a single sign-on or workstation logon scenario.

Precise Match-on-Card™ technology makes it possible to use fingerprints anywhere PINs were previously implemented. By storing and matching the fingerprint directly on the card, users never need be concerned that their fingerprints could be stolen or abused. The user's integrity remains intact because the fingerprint is never stored in a database – instead the fingerprint is in their control. Replacing the smart card PIN with fingerprints makes authentication quick and easy.



# Precise BioMatch™ Smart Card 64

## PRODUCT FEATURES

- A highly secure dual-interface Java Card with Precise Match-on-Card™ technology
- Uses the strengths of the fingerprint matching technology Precise BioMatch™
- Use with Precise Match-on-Card™ Logon and Precise BioMatch™ Demo
- Develop a Precise Match-on-Card™ solution using Precise BioMatch™ Pro Toolkit
- Reduced costs for password administration
- Two-factor authentication, combining smart cards and fingerprints
- Increased security – two-factor authentication identifies people, not PINs
- Preserved privacy – no database of fingerprint templates required
- Easy integration and short time-to-market
- Magnetic stripe

## SPECIFICATIONS

### *General*

- Java Card 2.2.1, Open Platform 2.1.1
- Memory capacity up to 64k EEPROM
- Precise Match-on-Card™ technology

### *Interfaces*

- T=0 and T=1

### *Cryptography*

- DES, 3DES, AES algorithms
- RSA up to 2048 including on-card key generation
- SHA 1, SHA 256

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