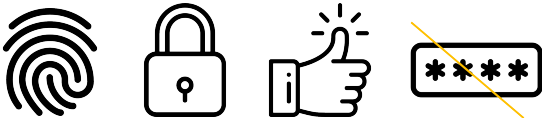


# Biometric Smartcards

Trustsec offers a new entire user experience with contact / contactless biometric smart cards, with no need to remember passwords or PIN code. Users can identify themselves or authorize transactions/ operations via the fingerprint sensor. Identity is verified when the applied fingerprint matches the fingerprint template stored in the card.

**Secure, convenient user experience, and fast authentication with no pin codes.**



## Benefits



### Business- Oriented

- Cost-effective suits high volume deployment
- Operations reduction
- Coping with technology trends
- Improving customers experience
- customers confidence in the entity's security



### Convenience

- Simple and user-friendly on-card enrolment
- No cap on the number of operations/transactions
- No PIN code to remember

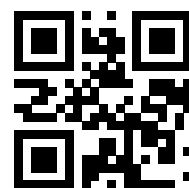


### Security

- Biometrics increase security level
- Optimum security with off -grid enrollment
- Biometric data stored on card "no external database"

### Multi-purpose

Multiple applications can be stored on the card, enabling cross-functions to business providers (Payment, Access control, Identification, Loyalty and promotions, electronic signature..etc) and extra convenience to the cardholder.



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# How It works

## Step 1- Fingerprint Swipe

The Cardholder will swipe his/her finger onto the card

## Step 2- Matching

Trustsec Algorithm matched fingerprint against the biometric template stored on the card

## Step 3- Authorization

Trustsec authorizes Operation/ transaction with a high level of security afforded by biometric verification

# Use Cases



### Personal Identification

National ID, Driving License and Employee Cards. It holds personal information and allows other security services like authentication, digital signing and data encryption



### Electronic Commerce

Digital wallet. The applications are numerous, such as transportation, parking, laundry, gaming, retail, and entertainment



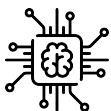
### Securing Digital Content

Secure the access to digital contents and perform data encryption or signing of very sensitive data



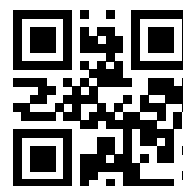
### Healthcare

Identify patients with stored personal information as national ID, address, and a photo, Securely storing medical prescriptions backup, maintain a well-managed insurance system.



### Embedded Device Control

Authenticate users who are responsible to operate equipment like medical systems, machines, vehicles and so on



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