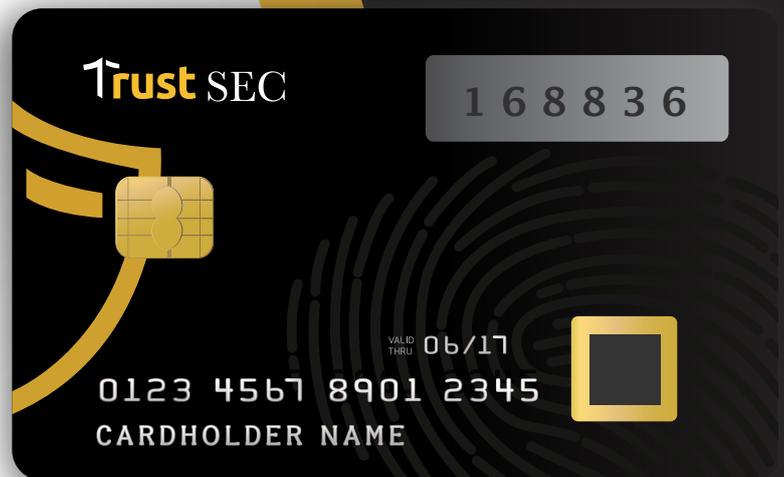


Biometric OTP Smartcard

Trustsec new release of Bio OTP card adds new security level to the overall system. The new OTP BIO Card is now integrated with the OTP backend. The card represents ultimate security to the card holder because of the fingerprint match on card feature. (MoC) offers the highest degree of privacy and security as the **fingerprint never leaves the secure environment of a smart card.**

**OTP + Biometric Scanner
= Ultimate Individual
Security**



The BIO OTP Cards are inherently more secure and practical than other OTP tokens because they generate a **unique, non-reusable** for each authentication event through **elastic thin card** that could be easily kept in your pocket and not accessible by any other person because of the biometric feature.

The Card comes with a reader that is used for recharging and communication purposes. When fully charged the card will work around 1500 times before recharging is needed. The Card is also able to store several digital certificates encrypted inside the internal memory. The biometric subsystem protects these certificates from unauthorized use and allows only the rightful owner to re-lease them through the reader.



The card is special because of its **Flexibility**

Applets

The card could include other applets and it could also store data without transmitting it over the network.



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How It works

Fingerprint is stored within a smart card and fingerprint matching is performed on the smart card (secured element) itself.

Step 1- Enrollment

To perform enrollment, the biometric sensor captures the biometric presentation of the user to create the biometric template. Then, the biometric template and user's information are uploaded to the card's secure storage

Step 2- On Card Matching

To perform on-card matching, the biometric sensor captures the biometric presentation and creates a biometric template. The created biometric template is then uploaded to the card for verification.

Step 3- Verification

The verification process shall be executed on-card instead of sending the enrolled template out of the card for verification.

Biometric OTP Card Features



Flexible Plastic Card



Smart Card Chip
(Optional)



Finger Print
Authentication



HTOTP (OATH
Standard - RFC
4226)



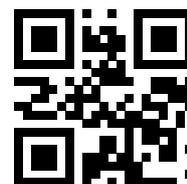
3-5 Years



Water Proof (IP68)



6 Digits OTP



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