



Protection of Biometric Data

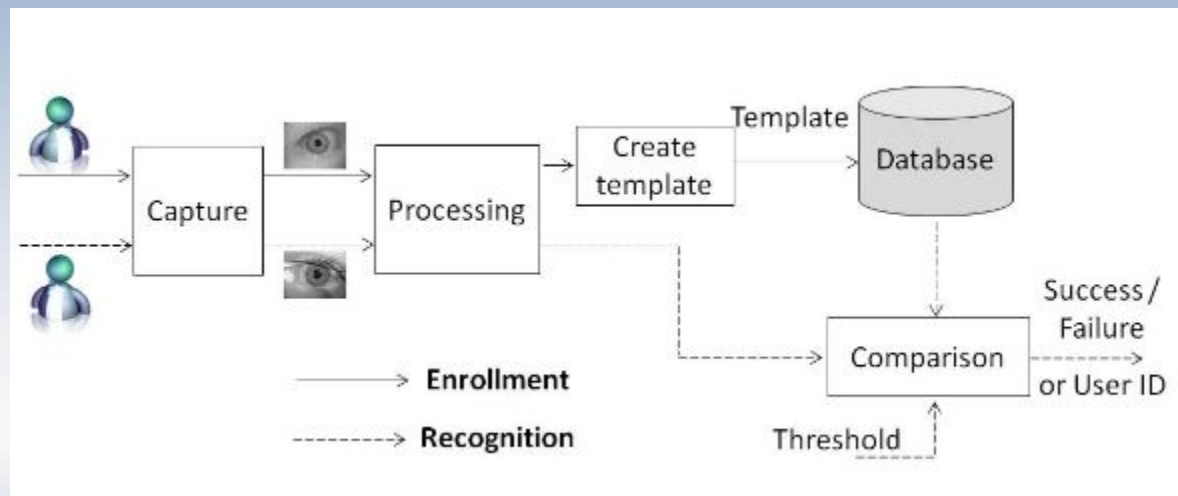
Ferrari Nico



Biometrics

- Biometrics are any metrics related to human features.
 - Great convenience by replacing passwords
 - Affordable and easily embedded in devices
- Rapid proliferation of biometric recognition systems during the last two decades

How Biometrics Systems Works



Biometrics Issues

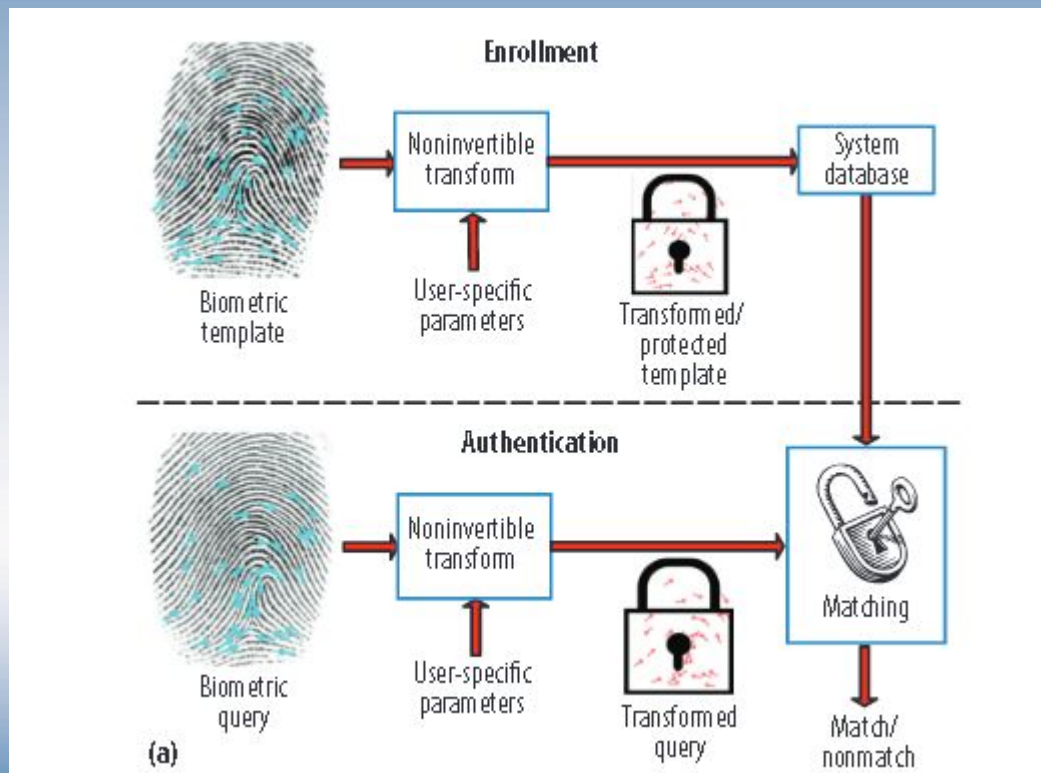
- Biometrics is not secret
- Cannot be revoked or cancelled
- Cross application invariance and cross-matching
 - Persistence

Template security

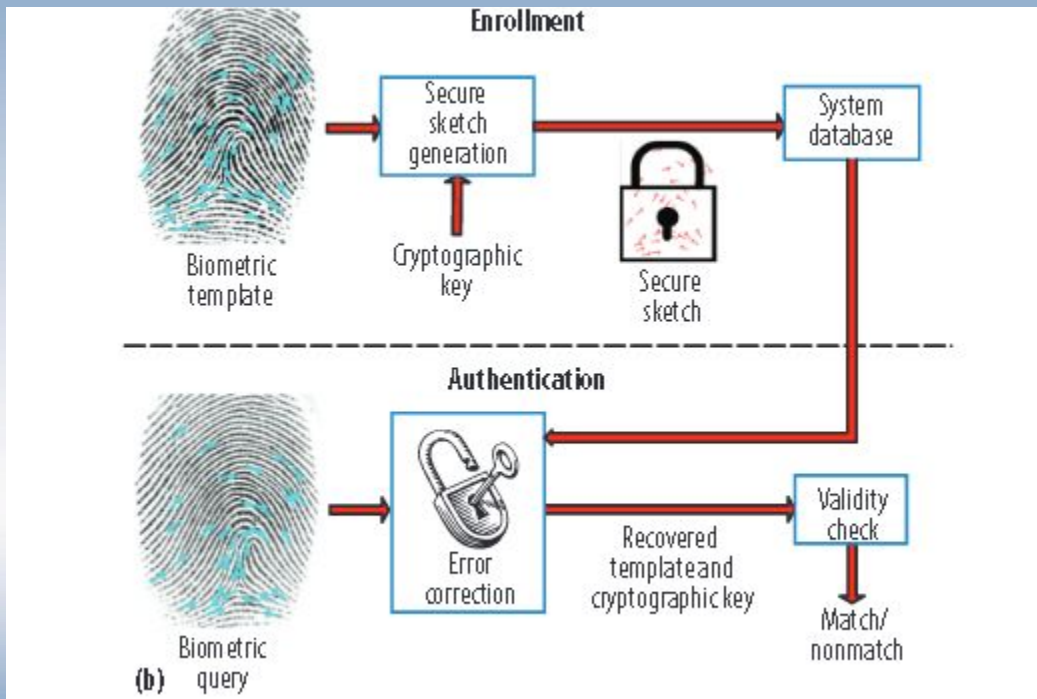
The property of cancelability or revocability is becoming a necessity.

- Biometric feature transformation;
- Biometric cryptosystems,

Biometric feature transformation



Biometric cryptosystems



Thank you