

PROTAGONISTI DEL NUOVO MONDO.



Biometric technologies: frontiers and threats

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Biometric technologies



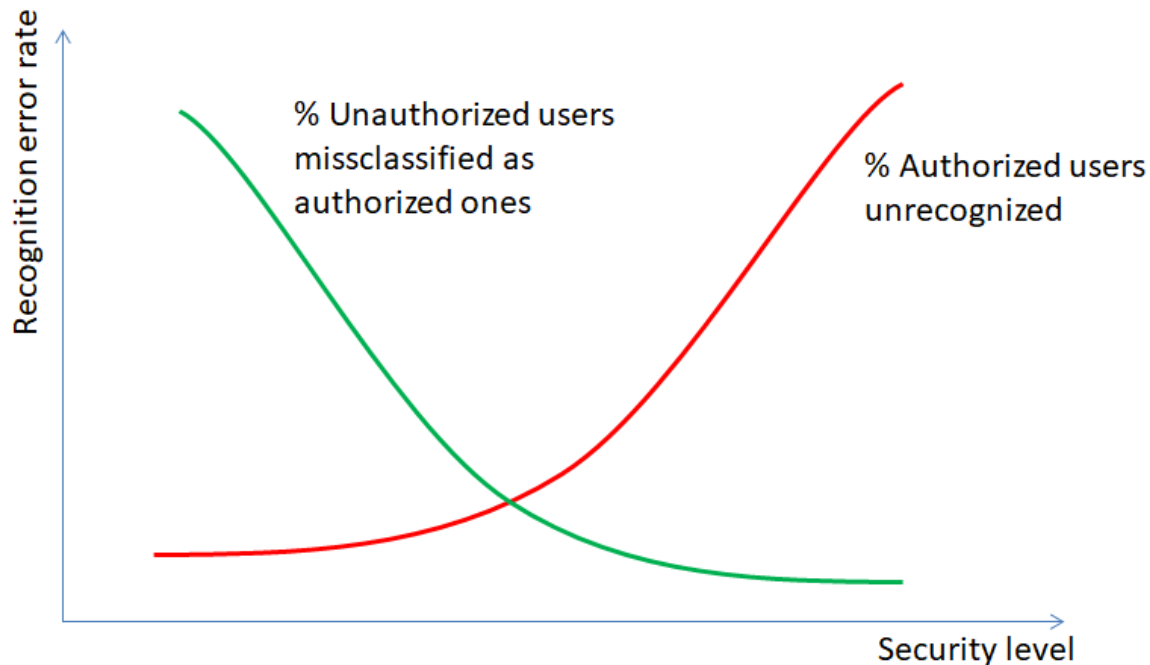


Applications





The “myth” of infallibility

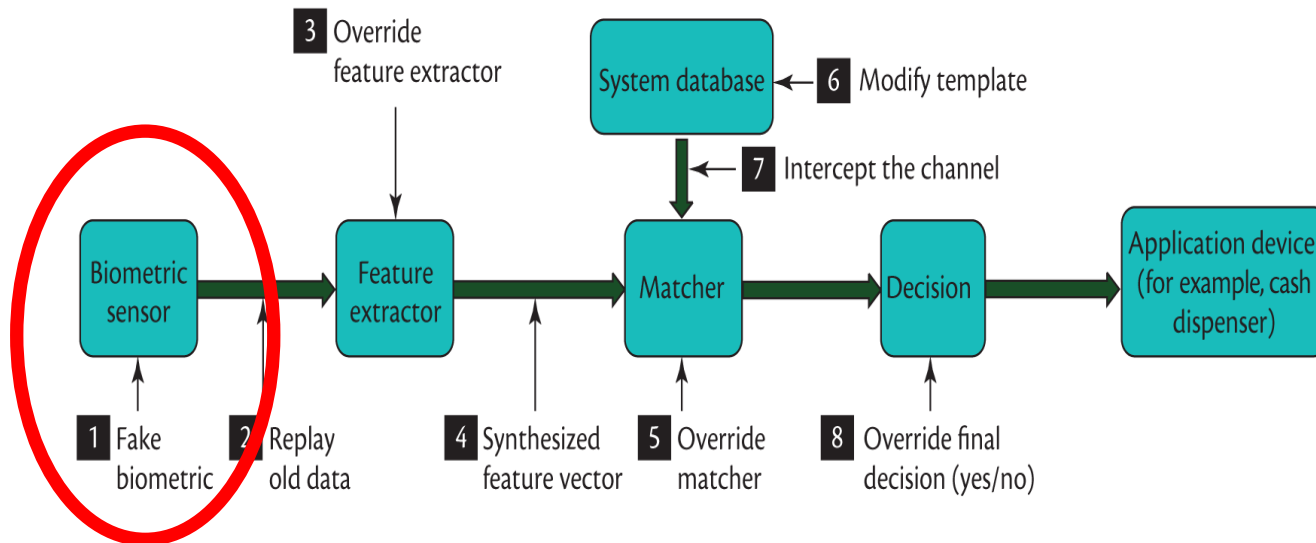




Emerging biometrics



Threats





International fingerprint liveness detection competition (6th ed.)



LivDet

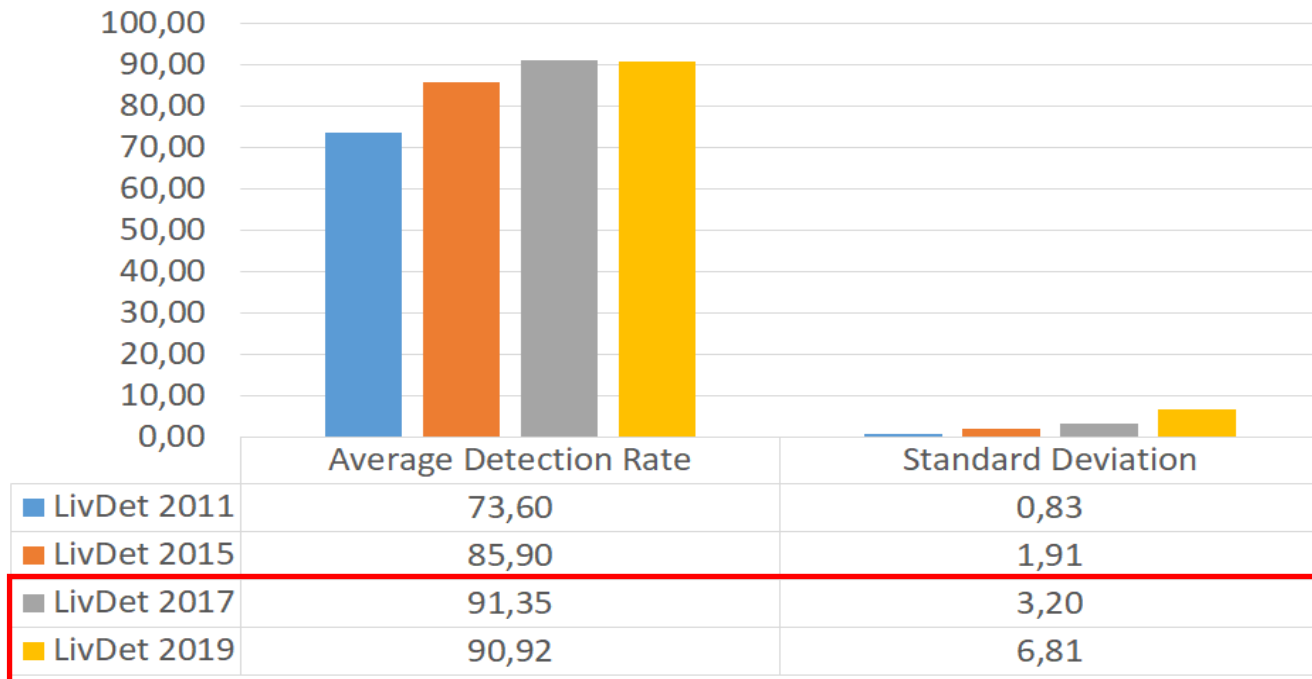
In Action

<http://livdet.diee.unica.it>

2019



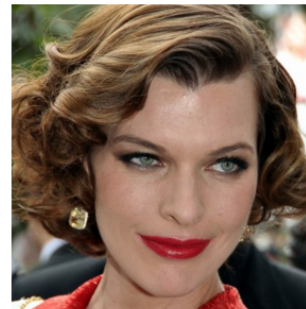
State of the art



■ LivDet 2011 ■ LivDet 2015 ■ LivDet 2017 ■ LivDet 2019

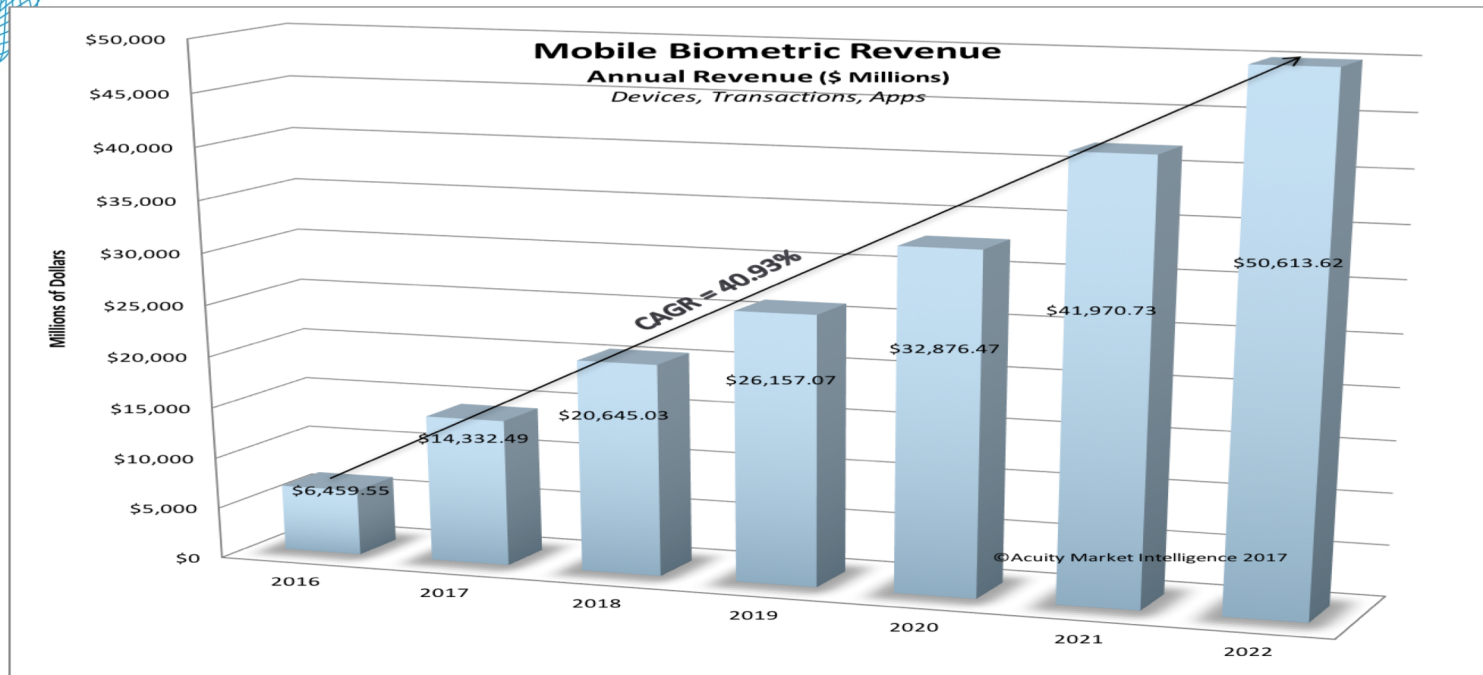


Presentation attacks for recognition evasion or impersonation





Market expectations



Source: Acuity Market Intelligence - Market Analysis and Forecasts 2016 to 2022



To be continued...

- The technology around many traits reached a good degree of maturity especially for the fingerprint verification technology
- Strong protection infrastructure against fraudulent attempts
- Biometric technologies exposed to presentation attacks
- Promising expectations from the biometric market
- More biometrics in our future