



E-FACE

Biometric solutions have become commonplace, with Fingerprint, Facial, Iris, Voice Signature, Biometric Signature and Body Biometrics all in active use in B2C and data security environments. Privacy laws in the EU prohibit the storing of personal biometric data.

Consequently, companies are limited in saving data that may expose the company or service provider to fraud attempts or data manipulation should the data verification be made on the client side against local data. 3FA or 2FA when it comes to security of sensitive data providing to a client. Making sure it is the right person on the other side.

One of these factors could be “something the user is”, i.e. biometric characteristics such as fingerprints or face. The conclusion is clear - all authentication/SSO services will require a biometric solution.

Our algorithm is in compliance with ISO/IEC 19794-5 which describes the minimum FRR/FAR for banking, aviation security and government.

We do not save biometric data! We save a template extracted from images. We don't save images (although we can), while the solution is combined with papers (passport/ID / driver's license) matching the video stream.

TECHNICAL FEATURES

- High-speed, real-time biometric image processing solution
- Thread-safe
- Designed for PC, mobile, embedded and server platform
- Multi-face detection and tracking
- Real-time detection and evaluation of 18 facial features
- Head pose deviation (yaw, pitch, roll)
- Brightness, contrast, sharpness, grayscale, uniform lighting/shadow in facial region
- Closed eye, eyes gaze, red eyes, open mouth, eye glasses, heavy frame glasses
- Background uniformity check and background removal
- ICAO / ISO conform cropping
- Gender and age detection
- Template size 136KB