



The Uses of Facial Recognition



Law Enforcement

Face biometrics can be employed in police checks although its use is rigorously controlled in Europe. In 2016, the "man in the hat" responsible for the Brussels terror attacks was identified thanks to FBI facial recognition software. The South Wales Police implemented it at the UEFA Champions League Final in 2017.

In the United States, 26 states allow law enforcement to run searches against their databases of driver's license and ID photos. The FBI has access to driver's license photos of 18 states.

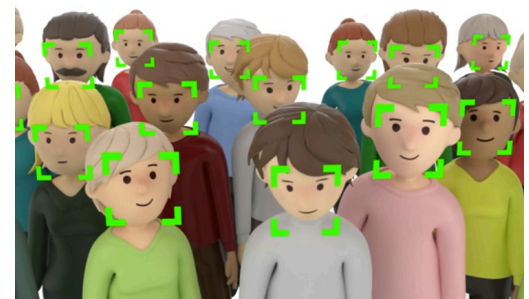
Drones can also be combined with aerial cameras offer an interesting combination for facial recognition applied to large areas during mass events for example.



Security

Facial recognition is used when issuing identity documents and most often combined with other biometric technologies such as fingerprints. This can be used in any facility, complex, or federal building.

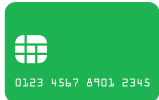
Face match is also used at border checks to compare the portrait on a digitized biometric passport with the holder's face.





Health Services

Thanks to deep learning and face analysis, it is already possible to; track a patient's use of medication more accurately, detect genetic diseases such as DiGeorge syndrome with a success rate of 96.6%, support pain management procedures.

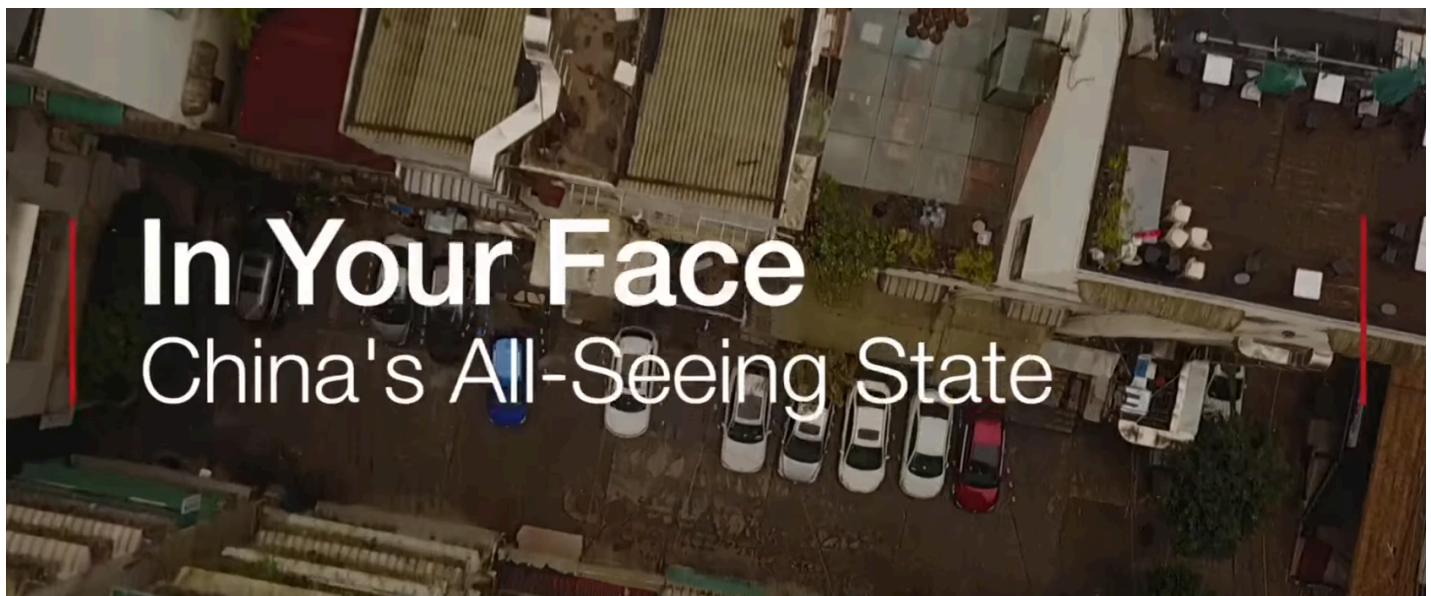


Retail

This area is certainly the one where the use of facial recognition was least expected. And yet quite possibly it promises the most. Know Your Customer (KYC) is sure to be a hot topic in 2019. This important trend is being combined with the latest marketing advances in customer experience.

By placing cameras in retail outlets, it is now possible to analyze the behavior of shoppers and improve the customer purchase process.

Facial Recognition in the News



The BBC released a video on YouTube on China's Surveillance Network.