

# Federal Security Technologies



## Further Applications of Facial Recognition

With Facial Recognition Technology rapidly becoming more advanced, there are many more unexpected and interesting uses of the technology than previously listed last week.



### Working in School Systems

With School safety a major concern in 2019, facial recognition has been used in schools already to identify when expelled students, dangerous parents, drug dealers or other individuals that pose a threat to school safety enter school grounds. For an article on what one school is doing with Facial Recognition in Seattle, see here;

<https://www.edsurge.com/news/2019-01-31-with-safety-in-mind-schools-turn-to-facial-recognition-technology-but-at-what-cost>

Facial Recognition in schools has also been used to track student attendance via tablets used by students in China.



### Finding Missing Persons

Face recognition can even be used to find a missing person. As long as missing individuals are added to a database, law enforcement can become alerted as soon as they are recognized by face recognition used in any public space, be it an airport, a retail store, or any facility cameras are scanning.

This technology has already found 3,000 missing children in its application in India in only four days;

<https://www.independent.co.uk/life-style/gadgets-and-tech/news/india-police-missing-children-facial-recognition-tech-trace-find-reunite-a8320406.html>



## Securing Finances

Face recognition can be used to make sure that individuals using ATM cards are who they say they are at ATM terminals. In the future facial recognition may well replace ATM Cards all together.

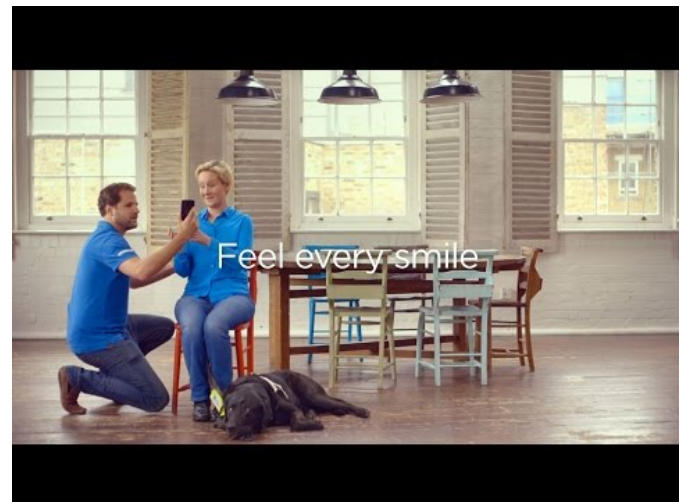
In addition to securing banks, facial recognition is already in use securing purchases in China. In China, there is a financial services company called Ant Financial that enables customers to pay for meals by scanning their faces.



## Aiding the Blind

Mouthwash brand Listerine has created a new mobile app that enables blind people to detect when they are being smiled at with vibration by using facial recognition.

The app is accompanied by a touching film, "Feel Every Smile," directed by Oscar-nominated documentary maker Lucy Walker. It features four blind people who discuss what smiles mean to them and how not being able to know if someone is smiling at them affects



## The Future of Air Travel

Airlines have already started using face recognition to help people check bags, check into flights and board planes faster.

Using Facial Recognition in air travel according to passport photos in the government's database will make air travel not only more convenient, but safer.

Delta, JetBlue, United Airlines, and American Airlines have already begun using this technology. To read an article from USA Today regarding airport travel and facial recognition, visit below;

<https://www.usatoday.com/story/travel/airline-news/2019/08/16/biometric-airport-screening-facial-recognition-everything-you-need-know/1998749001/>



## Unlocking Phones

This technology is already very familiar to some of us. Many smart phones including the latest iPhone are using face recognition to unlock phones.

This technology is a powerful way to protect personal data and ensure that, if a phone is stolen, sensitive data remains inaccessible by the perpetrator.