

# AimBrain: biometric authentication for banks

It is vital for financial institutions to identify fraudulent activity and verify whether the customer is who they say they are. Currently, the hassle of one-time access codes and multiple passwords all contribute to a customer experience that makes online and mobile banking less than optimal.

AimBrain is a next generation security company, delivering advanced biometric authentication to combat fraud through a secure and frictionless authentication experience. Through the use of behavioural, facial and voice authentication, AimBrain seeks to drastically improve the customer journey without a security trade-off. AimBrain was one of 15 startups that were hand selected from over 200 applicants to participate in Accenture's FinTech Innovation Lab's 2016 programme.

- Deep Learning
- Behavioural, Voice and Facial Authentication
- Customer Experience
- Fraud Prevention

For further details please contact AimBrain directly at [sales@aimbrain.com](mailto:sales@aimbrain.com)



## HOW DOES IT WORK



The underlying technology uses advanced deep learning algorithms based on state-of-the-art research.



AimBrain can be trained to recognise typing patterns and speed to create an ultra-secure 'password' that is truly unique to the customer.



Based on 'behavioural patterns' AimBrain is able to give a 'confidence score' on how confident it is that the customer is the person typing in the password.



The customer can opt to use the facial and voice recognition options as an added security measure, leveraging the power of biometrics and natural language processing.



Removes friction from the customer journey by eliminating passwords, whilst increasing security.



Immediately reduces fraud across all banking channels.



Complies with the stronger authentication requirements of PSD2 regulation.



Enables the move away from the password centric security model.



**69%**

of Europeans aged 16-24 think their lives will be "faster and easier" without passwords. [1]



**49%**

of European consumers would like to see biometric payments emerge as a payment technology alternative. [2]



**£34bn**

worth of damage is done to the UK economy each year through cyber crime. [3]

[1] <http://www.paymentscardsandmobile.com/2015-year-biometrics-payments/>

[2] <http://www.techradar.com/news/world-of-tech/trends-in-the-payments-industry-for-2015-mobile-biometrics-and-e-money-1282044>

[3] <http://www.telegraph.co.uk/finance/newsbysector/banksandfinance/12045182/AimBrain-Can-this-start-up-finally-kill-the-password.html>

