



OneConnect Financial  
Technology Co., Ltd.

# Facial Recognition

Biometric-Powered  
Identity Verification

Now you can provide a more efficient and convenient identity verification experience for your customers without compromising on accuracy and security. With OneConnect's cutting edge facial recognition technology, you can elevate the customer experience by replacing security questions and passwords, with faces as identification to conduct everyday online transactions at any time, anywhere in this digital age. Our facial recognition technology can be used in a wide range of industries, including financial, education, building management, healthcare and public sectors, to streamline work processes and meet stringent needs in financial risk management.

## Key Features of Facial Recognition

### 1 Facial Detection

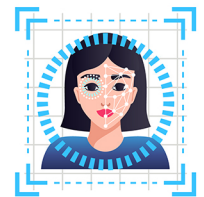
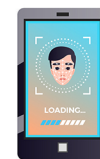
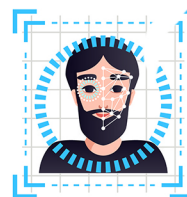
Accurately detects the "position of the face" within an image and the number of faces in an input image while the feature extraction technology finds the position of 168 facial feature points.

### 2 Liveness Detection

Layered in 3D liveness detection to ensure that the submitted recordings are taken from a live person in front of the camera, preventing spoofing attacks such as 2D facial photo and 3D facial mask.

### 3 Facial Comparison

Checks the similarity of two faces and calculates the similarity score.



### 4 Facial Analysis

Predicts information such as gender, age range based on the features of a face image for future data analysis and help businesses in their decision-making.

## Use Cases

### Automate Your Processes

Where there is a step in your process that the customer's face needs to be compared against the photo ID for identity verification, our technology can help you to automate that. For examples eKYC, unsecured loan applications, account opening at virtual teller machines.

### Authenticate Your Customers & Reduce Fraud Risk

Reduce the risk of identity fraud and remove the inconvenience of forgetting passwords and access cards. Authenticate your customers with facial recognition as a primary method, or use it as an added layer of security for various applications such as banking app logins, door access systems, verifying banking customers in-branch before servicing, additional verification for high-risk transactions at ATM.

### Surprise and Delight Your Customers

Create special moments that make your customers feel valued. Our technology helps you recognize your VIP customers so you can attend to their preferences and needs as they are approaching your branch.

### Control Your Access & Security

Enable usage of faces to access the buildings instead of physical access cards. Help you conduct better management of internal staffs and external visitors, and reduce the cost of manual administration. Facial recognition can also be applied in buildings and public security monitoring such as tracking the trajectory of people and providing early warnings of blacklist people.



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### Data Protection & Privacy

OneConnect will work closely with you to ensure your firm stays compliant with applicable data protection and privacy laws throughout our engagement with you. We will take care to ensure we fulfill our obligations as a data intermediary to protect your data accordingly.

To find out how OneConnect Solutions help you to stay ahead of the innovation curve, visit [www.ocft.com.sg](http://www.ocft.com.sg) or email us at [enquiry@ocft.com](mailto:enquiry@ocft.com)

## Why OneConnect Facial Recognition Technology?



### Advanced & Robust Technology

Achieved accuracy of 99.8% in the Labeled Faces in the Wild (LFW) database and 99.84% in the public security certification testing conducted by 3 institutions.



### Rich project implementation and industry experience

Experience implementing our facial recognition technology across over 400 scenarios, 2000 financial institutions. It is used over 1.6 billion times, and this figure is increasing on a daily basis.



### Customizable Solution and Scenario-Specific Algorithm Training

Autonomous deep learning based on real business data is conducted to optimize training models and make it more adaptable to various applications.



### Diverse Deployment Modes

Provides users with a variety of products and services such as PaaS services to access multi-platforms, servers and smart terminal private deployment.



### High Standard of Financial Security

Streamlines the work processes and meet high standards in financial risk management.

