



FaceChk

AI Enabled Face Recognition System

FACE IS THE FUTURE

Customer Identity & Access Management System

Facial recognition technology built on deep learning AI platform

FaceChk is a face recognition software application for automated attendance marking. It is powered by cutting edge artificial intelligence to deliver accurate results for the most complex and real-time face recognition, in milliseconds. FaceChk is a powerful high-performance and scalable software and can be deployed effortlessly and effectively.



FaceChk has 3 Apps:



Enrolment app



Identification app



Notification app

How FaceChk replicates human intelligence



Replacing human eyes with camera



Brain with compute unit



Intelligence with machine learning



Facechk device



Mobile



IP Camera



Cloud



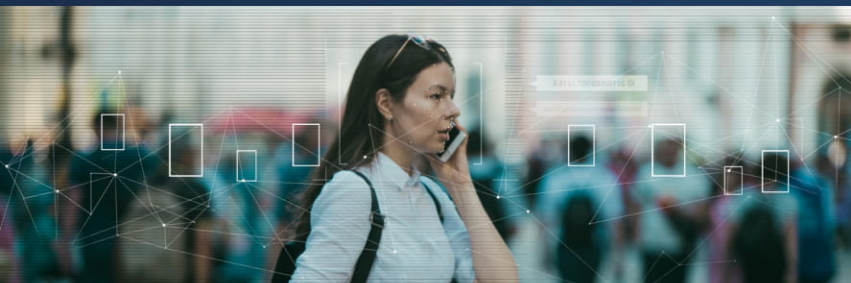
Facechk device

Local Server



Mobile



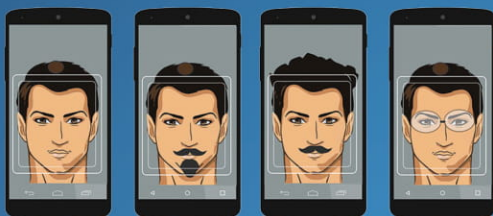


Benefits of FaceChk to the staff:

- No queuing required that ensures social distancing
- Touch free ensures hygiene & contactless attendance
- Mark attendance multiple times in a day
- Notification sent to employee and HR

FaceChk uses proprietary technologies and a core brain built on a deep learning platform for a real time, secure, accurate, and seamless workforce and access management solution. It ensures that access is granted to authorized people only, smoothly and at all times.

FaceChk works effortlessly and without interruption



99%+ recognition accuracy irrespective of ethnicity, skin tone, hairline change, facial hair, facial makeup, wet face, face changes with age, light variation, angle variation

Industry application



Retail & consumer goods



Offices



Manufacturing



Aviation



Engineering & professionals



Banking & finance



Travel & tourism



Residential & commercial spaces



e-Governance



Mega events



Education



Police & national security

Heart of FaceChk

Deep learning | Inspired by nervous systems | DNN, CNN, DBN, RNN, LSTM | Semi, fully, un-supervised
Deep belief networks | Deep boltzman machines | Micro-architectures

Salient features of FaceChk

Accuracy

99%+ recognition accuracy

Speed

10 milliseconds recognition time
No internet required

Scalability

Runs on cloud server with encrypted data

Accessibility

Can be accessed by user from anywhere

Portability

Can be deployed on android/iOS smartphones & tablets

Hygienic

No physical touch to device

FaceChk

For queries and a demo, please reach us at:

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