FaceChk

AI Enabled Face Recognition System

FACE IS THE FUTURE

Customer Identity & Attendance 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

01 Capture

02 Assess

03 Match

04 Notify

Facechk device

Mobile

IP Camera

Cloud

Local Server

Facechk device

Mobile

Benefits of FaceChk to the management

Left column:
- Fast and accurate
- No buddy punching
- Multi location sync
- Mulltiple people attendance
- Geofencing
- Work from home compliant

Right column:
- Easy deployment & management
- No expensive hardware
- Centralized management
- Online real time dashboard
- Faster payroll processing
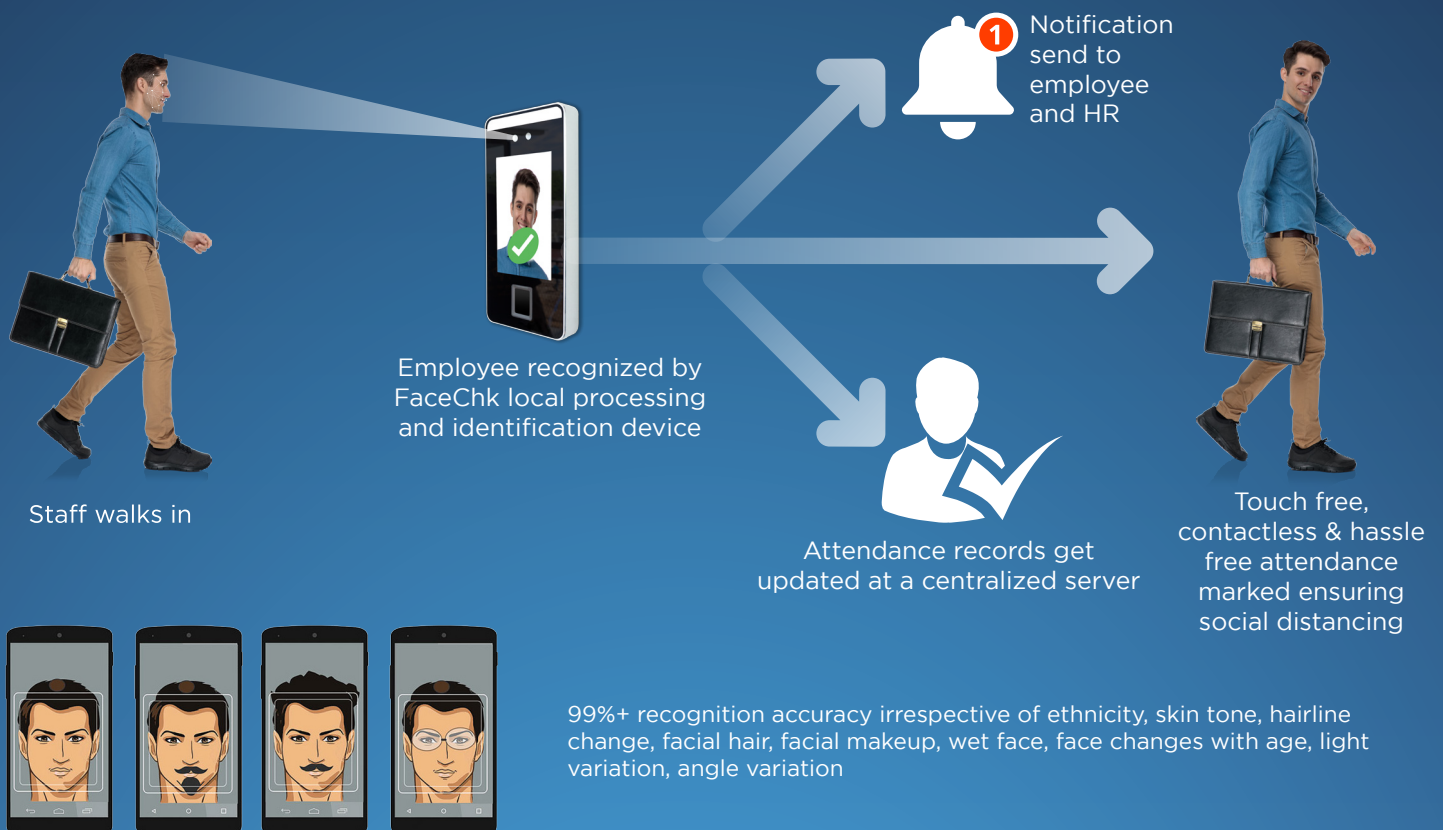- Can detect people wearing mask

Benefits of FaceChk to the staff:

- No queueing 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

Notification send to employee and HR

Employee recognized by FaceChk local processing and identification device

Staff walks in

Attendance records get updated at a centralized server

Touch free, contactless & hassle free attendance marked ensuring social distancing

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

Accessibility
Can be accessed by user from anywhere

Speed
10 milliseconds recognition time
No internet required

Portability
Can be deployed on android/iOS
smartphones & tablets

Scalability
Runs on cloud server with encrypted data

Hygienic
No physical touch to device

FaceChk

For queries and demo please reach out to us on:

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