AI and Deep Learning technologies applied in the purchase of age restricted products

Advanced Age Verification

Facephi's advanced AI and Deep Learning technologies provide accurate age verification across a broad spectrum of industries. This is crucial in different industries where confirming the user's age is a legal requirement and fundamental for responsible business practice.

Check out the Facephi Benefits

A new era of age verification

Using a deep learning model trained at the regression level, Facephi technology is capable of accurately estimating the age of the individual.

Id document analysis

01 Identity verification

The document holder's identity is authenticated through a selfie capture and biometric comparison process using deep-learning facial recognition models.

02 OCR document capture

Documents are automatically captured extracting the user's date of birth with 99.6% accuracy using our superior OCR technology.

03 Data validation

Our system checks the extracted data's format, corrects errors, and confirms alignment with: **MRZ Validation**; **Forgery/Tampering ID**: changes made to an existing genuine document; and **Replay attack**

Types of age verification

Capture of document OCR

Biometric age verification: Facial with Passive liveness

Capture of document OCR + Biometric age verification

Full Onboarding + Biometric age verification

Less secure ——————————— More secure

Features and benefits

Secure
Robust measures for the prevention of identity fraud

In countries where governmental database checks are enabled, Facephi can facilitate integration with the database for highly reliable age verification.

Accurate and efficient
Rapid information extraction and verification

Using convolutional neural networks (CNNs), our system is trained to proficiently detect faces across a variety of images and select the primary face.

Minimal friction
Simple and intuitive interface for easy id capture and upload

It provides a fast and efficient user experience with an ultra-fast capture time, enhancing operational efficiency.

Universal compatibility
Compatible with various document types for wide applicability

Our technology has been rigorously trained with thousands of images to guarantee the robustness of the model to variability and diversity in the data.

Reasons to choose Facephi

Our records

+300 customers

+300M transactions

+25 countries

Facephi advantages

• Dynamic, encrypted and tokenised AES 256
• Identification time for 30 million faces is less than 1 second (1:N)
• Connection to government databases
• Multi-device compatibility
• Any language or accent supported

Industry Leader

iBeta LEVEL 1 ISO 30107-3 COMPLIANT · iBeta LEVEL 2 ISO 30107-3 COMPLIANT · LRQA CERTIFIED ISO/IEC 27001 UKAS · LRQA CERTIFIED ISO 22301 UKAS · ISO

Facephi's technologies are evaluated by the NIST, the gold standard in biometrics.

Gartner.

Facephi recognized in the 2023 Gartner® Market Guide for Identity Verification.

Flexible product architecture

Flexibility in deployment models: SaaS and On-Premise

facephi | Protecting Identity to **build the future**