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PixLab's New Single Shot Face Anti-Spoof & Deep-Fake Detector Model

PixLab |  Symisc Systems



PixLab, a leading provider of **AI-powered face authentication & Age Verification solutions**, is pleased to announce the new release of its new single shot liveness, face anti-spoofing, and deep-fake detector model for **FACEIO**.

- This innovative model is designed to provide enhanced security and accuracy in face authentication, making it an essential tool for businesses and individuals alike.
 - **One of the key features of this model is its ability to detect faces in a single shot, without requiring multiple images or video FRAMES.**
 - This makes the **authentication process** **faster and more convenient** for users, while still maintaining a **high level of security**.
 - In addition, this model is **highly accurate** and can detect even the **most sophisticated face spoofing attacks**, including those that use 3D masks and other advanced techniques.

- This makes it an ideal solution for businesses and organizations that require a high level of security and accuracy in their [face authentication](#) systems. **Customers are already invited to try out the new face Anti-Spoofing model directly within the [FACEIO Widget!](#)**

The new single shot deep-fake detector designed to combat Smartphone & Print Attacks from static images or video streams, require **only a single frame to operate**, and is available starting from the [Business Plan tier](#).

Once activated, you can manage the [Face Anti-Spoofing Security Option](#) directly from the *Application Manager's Security Tab* within the [FACEIO Console](#).

Key Highlights:

- **Advanced Machine Learning:** With its advanced AI algorithms and highly accurate detection capabilities, this model provides [enhanced security and convenience for users](#), while still maintaining a high level of accuracy and reliability.
- **Exclusive Availability:** Whether you are a business owner or an individual user, this model is an essential tool for anyone who values security and convenience in their [face authentication systems](#).
- **Single Frame, Passive Anti-Spoof Detection:** FACEIO's [integration](#) goes beyond active checks. **The SDK require only a single frame to operate, with no action on the user side unlike the previous implementation.**



Example of Spoof ATTACKS deterred by our ML model:

Enabling Deep-Fake & Face Spoofing Prevention On Your FACEIO Application

1. **Connect to your account via the [FACEIO Console](#) first.**
2. From the console main view, visit the *Application Manager* .
3. **Select the target application for which you want to enable Deep-Fake Prevention for.**
4. Navigate to the **SECURITY** tab from the manager main view.
5. Once the target application selected. **Activate** the *Protect Against Deep-Fakes & Face Spoof Attempts* security option as shown below.:

Protect Against Deep-Fakes & Face Anti-Spoofing Attempts During Authentication & Enrollment



6. You're all set. Upon a new user enroll or authenticate on your application, the deep-fake prevention engine shall be triggered to filter out spoof & presentation attacks. Upon an attack is detected, the `fiOErrCode.PAD_ATTACK` [error error](#)

[code](#) is raised, and you should act accordingly such as banning this user depending on your policy.

A Word from PixLab: "We recognize the evolving challenges in the digital landscape, especially with the rise of deep fakes and sophisticated spoofing techniques. Our primary goal with this integration is to provide our users with an unmatched level of security without compromising on user experience. We're confident that this enhancement to [FACEIO](#) will set a new benchmark in biometric authentication," said *Mrad Chams*, CTO, PixLab.

About PixLab: [PixLab](#) is at the forefront of [biometric technology](#), dedicated to providing innovative solutions for a digital age. With a commitment to excellence and user security, [PixLab](#) continues to push the boundaries of what's possible in online authentication.

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