



Summary

Progeny delivers an advanced 'Face ID' technology that helps protect your information and acts as the second layer in Strong Customer Authentication (SCA). Our solution provides for intuitive and secure authentication enabled by a state-of-the-art facial recognition system with advanced technologies for passive liveness detection. It checks for the human to be alive and present at the place, stopping face biometrics spoofing -- as well as is able to check for the presence of a minor.

A simple glance at the camera is sufficient for authentication. Developers can use our solution to retrieve account details (login), verify account holders, authorize transactions, estimate a person's age and much more.

Besides, Progeny offers fully automated document verification. It enables mobile and web apps to process ID cards, driving licenses, passports and others. Our solution can be used for data entry automation, remote customer onboarding, KYC, fraud prevention and much more.

Reading and verification of an identity document includes capturing the Machine Readable Zone (MRZ), barcode reading, document type identification, data verification, etc to protect against spoofing.

Both services can be combined for identity binding, enabling remote verification of a person by matching it against the digital facial id stored (after a customer has been vetted) -- with no need to complete another KYC in case of a need for re-verification of a customer (eg AML).

The service is made available as a RESTful API. It's frictionless to use, available for web and mobile integrations (no SDK needed!), runs on any device with a camera, is highly secure and fully compliant with GDPR.

Benefits

- Easy to integrate and seamless to use
- Supports all devices and channels
- Fully automated
- Ultra-secure
- Very low bandwidth requirements

Use Cases

- Remote customer onboarding (e-KYC)
- Remote customer verification (secure login, password reset, etc)
- Payment authorization
- Remote data access
- Physical access control

Any device with a camera can be used for authentication and enrollment.

Technology

- Fully service state-of-the-art solution, easily integrable and scalable
- Powered by AI and ML technology, delivering the highest level of usability and safety
- Only requires a 2D-image for authentication and document verification
- Made available as a cloud-based (SaaS) solution
- ISO 30107-2 Level 1&2 PAD tested

Patent-pending AI verifies the liveness of the person – paper, video or mask attack.

Partnerships

Trusted by major brands (NETS, Daimler, Casinos Austria, etc)

Developers

API Reference available at <https://docs.progeny.tech/our-api>

Services offered on the platform are:

[1] Biometric verification

- Liveness detection (passive)
- Face matching/comparison
- Age estimation

All performed from a single 2D-image (selfie).

[2] Document verification

- Verification of check digits
- Validation of dates
- Verification of ISO codes
- Validation of document number format
- Validation of barcode data format
- Age check (optional)
- Cross-comparison of visual zone text fields vs MRZ vs barcode data
- Multi-page document support
- Add-ons for watchlist check (eg PEP), additional docs, etc

All performed from a single 2D-image (of the identity document).

Contact

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