



Advanced Digital Authentication Software Suite

3D Face Authentication, 3D Liveness Check, Age Estimation, OCR, NFC and Analytics



Company Overview

Gulf Data International (GDI) is an IT solution provider and systems integrator that has been delivering high-quality professional services and customer satisfaction since its establishment in the UAE in 1983. With a team of experienced consultants, project managers, and developers, GDI has successfully delivered hundreds of projects across the MENA region.

GDI's expertise lies in combining a strong technology foundation with an in-depth understanding of business processes, allowing GDI to specialize in delivering solutions to financial institutions, government agencies, oil & gas, transportation, and hospitality organizations.

GDI's commitment to emerging technology and strategic adoption of transformative solutions enables GDI to empower their clients to disrupt their industries. Supported by international partners specializing in cutting-edge technology platforms and products, GDI delivers diverse world-class solutions to their clients. With offices in Abu Dhabi, Dubai, and Cairo, GDI continues to lead the way in the digital solutions space.

IdentifyME - Advanced Digital Identity Solution for Fraud Prevention

Our advanced digital identity solution, IdentifyME, is designed to help businesses prevent fraud, streamline onboarding, and ensure compliance with regulatory requirements. Our platform utilizes cutting-edge technology to provide fast, secure, and accurate identity verification services.

Key features of our platform include a state-of-the-art 3D face authentication, Liveness Check that performs a 3D scan of the user's face to ensure they are alive, anonymous age estimation for demographic insights, and a full analytics dashboard for monitoring and auditing verification processes.

Our platform also supports auto-capture OCR for Arabic and Cyrillic languages, matching 3D:2D/3D:3D technology for digital KYC and onboarding, 1:N search for fraud and duplicate detection, and a custom NFC chip for quick scanning of national IDs and ePassports.

With 24-hour regional tech support, businesses can rest assured that they have access to assistance whenever they need it. Our solution is designed to make identity verification simple, fast, and accurate, helping businesses to streamline their operations and provide a better customer experience.

Without our SDK - 12 inches away



Normal, No Distortion



- During the motion, the camera's view of the 3D face changes, observing perspective distortion and proving it is 3D.
- In under 2 seconds, we process 30+ video frames and reverse engineer a 3D FaceMap from the standard 2D camera.



FOR ALL MODERN SMART
DEVICES & WEBCAMS



CERTIFIED LIVENESS
DETECTION
IN 2 SECONDS



WORKS IN REAL-
WORLD LIGHTING
CONDITIONS



GREAT WITH
GLASSES, MAKEUP &
BEARDS

Encrypted 3D FaceMaps:

- ✓ Can't Be Phished From Users
- ✓ Aren't a Biometric Honeypot
- ✓ Stop Credential Sharing
- ✓ Stop Botnet Attacks
- ✓ Match 1:1 & 1:N at a 1/12.8 M FAR
- ✓ Match Highly to a Photo ID
- ✓ Provide Anonymous Age Estimates

No Stored Liveness Data = No Honeypot Risk

To ensure secure face authentication, two types of data are needed: Facial Structure Data and Liveness Data. Both are necessary to gain access, and Liveness Data is automatically deleted after each session. This means that there is no honeypot risk since no Liveness Data is stored. A 3D FaceMap alone is not enough to gain access, and new Liveness Data is required for each session. By not storing Liveness Data, the algorithm cannot be spoofed even with a standalone 3D FaceMap.

OCR of ID Documents and Passports

OCR Technology: Safe, Accurate, and Efficient

Our OCR technology is highly efficient and precise, with faster-than-human-eye capabilities for real-time data extraction. It provides an easy-to-use interface, with secure ID document extraction done entirely on the device. Customizable and compatible with a plug-and-play integration approach, it runs smoothly on all channels, replacing 50+ keystrokes with one scan.



Pushing the Limits with AI

Our advanced machine learning system can recognize more than 1,700 credit and debit cards, reading all payment info even on blurry or low-quality images.



Protecting Cardholder Data

Our solution runs directly on the device or servers, without the need for an internet connection, ensuring that sensitive data never ends up in the wrong hands.



Efficient Data Extraction

Our OCR technology captures both sides of an ID card, extracting all readable Latin text and images, with processing done on the device without any PII leaving the phone.



Data Tampering Detection

Our OCR technology compares the front and back of an ID card to ensure data integrity and an extra layer of security.

CERTIFIED LIVENESS DETECTION

The technology has performed hundreds-of-millions of spoof attempts with every conceivable type of media and learned how to stop them.

Passing the rigorous iBeta Level 1 & 2 tests prove that the solution is an unsharable, unphishable biometric that is virtually impossible for criminals to spoof using today's media technology. **Demand 3D Liveness Detection as 2D data are less accurate, and much more susceptible to performance issues due to bias.**

Attack Vectors include:

- ✓ 2D paper photos & digital images
- ✓ High resolution videos
- ✓ Image swap-in after liveness check
- ✓ Paper masks with eye & mouth cutouts
- ✓ Hollywood masks, wax figures & lifelike dolls
- ✓ Photos or video frames animated into avatars
- ✓ Video projections on 3D heads
- ✓ Sleeping users with closed eyes
- ✓ Impostors, lookalikes & doppelgangers



We provide the safest, most powerful software trained to scan and extract data from IDs, built on an advanced machine learning system.

Implementation & Support Services for Successful Project Life-Cycle

At GDI, we offer end-to-end implementation and support services for seamless project management. Our services cover everything from planning to post-deployment support, including business process management, system design, application development, automation, and AI implementation. Our team of experts will assess your needs and provide a customized solution that meets your requirements, using industry-leading practices to minimize disruption to your business operations. Our support team is available 24/7 for any issues or questions, with ongoing maintenance and optimization services to ensure your solution is up-to-date and running smoothly. GDI is committed to ensuring your project is successful and meets your business objectives.

Testimonials

“It was a pleasure for us to work with gDi on the implementation of this cutting-edge solution, which will enhance the overall experience customers have with us.”

Sunil Dixit
Head of Digital Banking,
Consumer Banking Group, at
FAB

Trusted by:



VERIFIES
LIVENESS



VERIFIES
3-DIMENSIONALITY



VERIFIES
IDENTITY

Experience the power of our advanced digital identity solution today!

Best value for your investment
Our prices are unmatched!

Contact us now to learn more and schedule a demo!