ID ENFORCER
SMARTER SCANNING. SAFER SPACES.

Stop Letting the Wrong People Through Your Door.

SMARTER SCANNING. • SAFER SPACES.

The most powerful ID verification & venue intelligence platform
built for bars, clubs, and entertainment venues.

IDEnforcer Full System
Bridge + Cloud + Pro Scanners

IDEnforcer Lite
Cloud + Handheld / Phone Scanning

Instant ID Scanning | **Ban & Watch Lists** | **Cloud Dashboard** | **Multi-Venue Network**

idenforcer.com • Professional Venue Security Solutions

Why Your Venue Needs IDEnforcer

The hidden risks every bar and club faces every night

Every night, venues across the country unknowingly admit underage patrons, previously-banned troublemakers, and individuals with prior incident histories — all because traditional ID checks rely on a staff member glancing at a card under bad lighting. One mistake can cost you your liquor license, a lawsuit, or worse.

1 IN 4	**$50K+**	**3 SEC**	**100%**
fake IDs pass undetected by the naked eye	average liability cost from a single incident	average full scan time with IDEnforcer	cloud-synced ban lists across all your venues

IDEnforcer is a complete venue security and intelligence platform that scans IDs in seconds, flags banned or watch-listed individuals instantly, captures visitor photos, and stores everything securely in the cloud — giving you total control over who walks through your door.

IDEnforcer Full System	**IDEnforcer Lite**
The complete professional-grade solution. Combines the Bridge desktop app, enterprise flatbed scanners (Thales + E-Seek M500), Eyoyo handheld scanner, webcam capture, and the full cloud platform. Built for high-volume venues.	The smart, affordable entry point. Use your smartphone or Eyoyo handheld scanner (USB wired, USB wireless dongle, or Bluetooth) with any computer. Full cloud dashboard, watch/ban lists, gallery, analytics, and network sharing.

SECTION 1 | IDEnforcer Full System

Bridge Desktop App + Pro Scanners + Cloud Platform

The IDEnforcer Full System is a professional-grade, multi-layer ID verification and venue intelligence platform. The Bridge desktop app runs silently in your system tray, connects to one or more ID scanners, processes documents in seconds, checks every person against your watch and ban lists, captures photos, and streams everything to your secure cloud dashboard — accessible from any device, anywhere.

Scanner Hardware — Three Simultaneous Scanning Modes

Thales Flatbed Scanner	E-Seek M500 Flatbed Scanner	Eyoyo Handheld Scanner
Professional document scanner with full front/back color imaging. Reads MRZ from passports and foreign IDs. Automatic flip-notice dialog. Auto-watchdog restarts SDK on freeze.	Multi-sensor platform: RGB color, infrared (IR), and UV images. Reads PDF417 barcodes, Code 128, and magnetic stripes. UV/IR imaging detects altered or counterfeit IDs.	Versatile handheld scanner that connects via **USB wired**, **USB wireless dongle**, or **Bluetooth** — staff roam freely without being tethered to a screen. No driver needed. Keyboard-wedge listener captures output invisibly.

Supported ID Types

◆ **US Driver's Licenses & State IDs**	Full AAMVA PDF417 barcode decode. Extracts 30+ fields: name, DOB, ID number, height, eye color, gender, expiration date, and issuing state. Supports all 50 states.
◆ **Temporary Driver's Licenses**	Identified as a separate document type. Visual OCR pipeline activates for paper temporaries.
◆ **US Military IDs (CAC Cards)**	Custom parser for DoD Common Access Cards. Extracts rank, branch, and personal identity fields.
◆ **Passports & Travel Documents**	MRZ parsing via Thales SDK. Supports ICAO TD3 and TD1 from any country in the world.
◆ **Foreign & International IDs**	MRZ-based extraction handles Mexican, Honduran, Guatemalan, and other national IDs. Mexican BOF format has its own dedicated parser.
◆ **Unknown / Unrecognized IDs**	If no barcode or MRZ is present, the visual OCR pipeline activates automatically.

Advanced OCR Engine — 4-Layer Reading Technology

IDEnforcer uses a layered intelligence pipeline to extract identity data from virtually any ID.

Layer 1	**Hardware Barcode Decode**
	Native barcode decoding via M500 hardware chip and Thales SDK. Software PDF417 decode (ZXing) activates as fallback.
Layer 2	**AAMVA Field-Code Parser**
	Parses decoded barcode against the AAMVA standard. Extracts 30+ fields including name, DOB, ID number, physical descriptors, and expiration date. Handles Military CAC and Mexican BOF formats.
Layer 3	**MRZ / Passport Parser**
	Decodes ICAO MRZ from passports and international IDs. Handles TD3 and TD1 formats. Verifies check digits.
Layer 4	**10-Step Visual OCR Pipeline**
	Card detection, perspective correction, orientation normalization, dynamic ROI discovery, Tesseract 5.2 + PaddleOCR dual-engine recognition, garbage filtering, field extraction, date normalization, per-field confidence scoring, and AI face crop.

Fields extracted per scan: First name, last name, middle name, date of birth, expiration date, ID number, state, gender, height, eye color, hair color, document type, issuing jurisdiction, and per-field confidence score.

Watch List & Ban List

Automatically flag or block anyone — across your entire network

The moment a scan completes, IDEnforcer checks the visitor against both your Watch List and Ban List before the result even appears on screen — automatic, every single time.

Instant Cross-Reference	Checks ID number, then name+DOB, then name alone. Same person can't slip through with a different ID.
Visual Alerts	Banned: full-width flashing red BANNED banner. Watch-listed: amber WATCH banner. Impossible to miss.
Smart Date Matching	Handles all DOB format variations automatically.
Per-Entry Retention	Set each entry to expire after N days or mark permanent. Temporary bans auto-delete.
One-Tap Add	Tap Ban or Watch on any scan — name and DOB are pre-filled. No typing.
Custom Reason & Notes	Each entry stores reason, staff member, date, and source venue. Full accountability trail.
Cloud-Backed & Synced	Syncs to cloud every 60 seconds. If internet goes down, the system keeps scanning and logging locally — all offline data syncs automatically when connectivity is restored.
Network Sharing	Share ban/watch list with connected partner venues — automatic cross-venue protection.
Quiet Overrides	Allow a partner-banned person at your venue only — network ban stays intact elsewhere.

Gallery & Photo Capture

Webcam Photo Capture Every ID scan triggers an automatic webcam photo at the door. Captured, saved, and uploaded instantly. Works with any USB webcam.	**Face Crop from ID** AI face detection crops the portrait from the ID document. Live webcam photo AND official ID portrait side-by-side — easy to spot mismatched IDs.
Cloud Photo Gallery Paginated photo gallery of all visitors. Filter by date range. Live watch/ban/underage badges. Click any photo for the full profile.	**Full Session History** Every scan creates a permanent record with all images, extracted fields, watch/ban status at time of scan, and all staff actions.

Multi-Venue Network & Cloud Intelligence

Real-time sync across every entrance, scanner, and location

IDEnforcer's cloud syncs all scans and data from every scanning location within your building in real time — perfect for venues with multiple entrances or scan zones. Every door station, every handheld scanner, every webcam capture feeds into a single unified cloud account. If a troublemaker gets flagged at the front door, every other station knows immediately.

◆ Each venue gets a unique 6-character Network Key — share it with partners to connect

◆ Per-connection controls: share ban list, watch list, both, or neither

◆ Global sharing flags: auto-share with any venue that connects to you

◆ Entries from partner venues labeled with source venue name

◆ Quiet overrides: silence a partner's entry at your venue without deleting it network-wide

◆ Pending / Active / Revoked link states — full control over connections

◆ All scans and data sync in real time — every entrance, scanner, and zone in your building

◆ Ideal for multi-door venues, multi-floor clubs, or any operation with multiple scan points

One banned patron. Zero venues he can get into tonight.

Cloud Dashboard — Real-Time Visibility From Anywhere

Every scan uploads to your secure cloud account in seconds. Log in from any browser, any device.

Live Dashboard	Visitor Profiles	Analytics & Reports
• Total scans today/week/month	• Unified profile across all IDs	• Gender and age group breakdowns
• Banned & watch-listed encounter counts	• Visit history, return frequency	• Busiest hours and days
• Hourly and daily activity charts	• Permanent staff notes	• State-by-state visitor geography
• Recent scan feed with alert badges	• Custom flags: VIP, Needs Review, etc.	• Week-over-week trend comparisons
• 15-second auto-refresh	• Attach warrants / law enforcement records	• Customer return rate tracking
• Peak hour stats and averages	• Search by name, ID number, or date	• Calendar view of daily volumes

Security & Compliance

Enterprise-grade protection for your data and your license

IDEnforcer was built with security at every layer — from hardware scanner to cloud database.

✔ **Serial Key Activation**	Each venue gets a unique serial key. Software won't operate without a valid, active license.
✔ **Machine License Binding**	License is cryptographically bound to your specific computer. One license cannot run on multiple machines.
✔ **Admin PIN Protection**	All sensitive operations locked behind a secure PIN known only to management.
✔ **Offline-Resilient Operation**	Internet outages won't shut you down. IDEnforcer keeps scanning and logging locally. All offline scans, photos, and audit events sync automatically when connectivity is restored. Up to 7 days before re-validation is required.
✔ **TLS 1.2 Encryption**	All data between Bridge app and cloud uses TLS 1.2. No scan data travels unencrypted.
✔ **AES-256 Encrypted Storage**	Visitor profile folders stored with AES-256 encrypted directory names.
✔ **Complete Audit Trail**	Every staff action logged with timestamp, username, and context. Stored permanently.
✔ **Configurable Data Retention**	Set exactly how long records are kept. Watch/ban-listed individuals always retained.
✔ **Law Enforcement Tools**	Time-limited link-based access for law enforcement officers. All access logged.
✔ **Bcrypt Password Hashing**	All cloud passwords use bcrypt. Login attempt tracking and IP-based blocking.
✔ **SQL Injection Prevention**	All database queries use PDO prepared statements — 100% protected.
✔ **Crash Recovery Watchdog**	Background watchdog monitors Bridge health. Freezes auto-recover; crashes restart automatically.

Built-In Customer Rewards Program

Turn every ID scan into a loyalty opportunity. Award points automatically, let customers redeem via QR code, and drive repeat visits.

Feature	Details
Points per scan	Configurable 1–100 points per visit
Scan cooldown	1–168 hour cooldown between awards
Points expiration	Auto-expire after 30–365 days
Reward types	Entry, drink, food, table, bottle service, VIP, early entry, parking, discounts, merchandise, custom
Customer portal	Customers view balance, rewards, and redemption history online
QR code redemption	Customer shows QR; staff scans with Eyoyo — instant redemption, no manual entry
Retraction	Customers can cancel pending redemptions and recover points

SECTION 2 | IDEnforcer Lite

Cloud Platform + Eyoyo Handheld Scanner + Phone Camera Scanning

IDEnforcer Lite gives you the full power of the cloud platform without requiring dedicated hardware. Use a smartphone camera or an Eyoyo handheld scanner on any computer — no desktop app to install.

How IDEnforcer Lite Scans IDs

Phone Camera Scanning

Open the cloud scan page on any smartphone browser. Point at an ID barcode — decodes instantly, no app download. For iOS, server-side ZXing handles processing. Works on iPhone, Android, any modern mobile browser.

Eyoyo Handheld Scanner

Connect via USB wired, USB wireless dongle, or Bluetooth to any Windows, Mac, or Linux computer. Staff can roam freely — no need to stay near the screen. Open the cloud scan page in a browser and the scanner acts as a keyboard. Pull the trigger on any US driver's license barcode and data processes automatically. No drivers or software installs required.

IDEnforcer Lite includes full AAMVA barcode parsing — all the same name, DOB, expiration, ID number, state, gender, and physical descriptor fields as the Full System.

Feature Comparison: Lite vs. Full System

Feature	Lite	Full
Phone camera scanning	✔	✔
Handheld scanner (USB wired / wireless dongle / Bluetooth)	✔	✔
AAMVA barcode parsing (all US IDs)	✔	✔
Instant watch/ban list check on every scan	✔	✔
Underage / min-age alert	✔	✔
Cloud dashboard (browser-based)	✔	✔
Visitor profiles & visit history	✔	✔
Photo gallery & profile images	✔	✔
Live webcam photo capture (at door)	✔	✔
Watch list & ban list management	✔	✔
Multi-venue network list sharing	✔	✔
Analytics, reports & calendar view	✔	✔
Customer rewards program	✔	✔
Law enforcement access tools	✔	✔
Audit trail & staff action logging	✔	✔
Database backups	✔	✔
Privacy notice generator	✔	✔
Flatbed scanner (Thales / E-Seek M500)	—	✔
Passport / MRZ reading	—	✔
Military ID (CAC) reading	—	✔
UV / IR counterfeit detection imaging	—	✔
AI face crop from ID photo	—	✔
Advanced visual OCR (Tesseract + PaddleOCR)	—	✔
Offline-resilient operation (local scanning, auto-sync on reconnect)	—	✔
Machine license binding	—	✔

Why IDEnforcer?

What makes us different from anything else on the market

1   **Built for Your Industry**

Built specifically for bars, clubs, dispensaries, and entertainment venues. Every feature exists because venue operators asked for it.

2   **Speed That Doesn't Slow Your Line**

Hardware barcode decode completes in under 3 seconds. Bridge app runs silently — your scanner station just works, every night.

3   **Redundant Scanning**

Three simultaneous scanner methods. If one fails, others keep working. No single point of failure.

4   **One Platform, Multiple Locations**

All connected, all sharing intelligence, all managed from one cloud account. Every entrance and scan zone in your building stays in sync.

5   **ID Scans That Protect You**

Every scan is time-stamped, saved with photos, and stored in the cloud. Complete record of who was there.

6   **Your Data Stays Yours**

Encrypted, cloud-backed, never sold or shared. Law enforcement requests go through a controlled access portal.

7   **No Lock-In Surprises**

Simple, transparent licensing. No per-scan fees, no tier confusion, no surprise bills.

8   **Automatic Updates**

New features deploy silently. Scanner keeps working through updates — no manual intervention.

9   **Support Built In**

Every Bridge crash logged and sent to support team with full diagnostics automatically.

Ready to Take Control of Your Door?

Visit **idenforcer.com** or call **317-376-8727** to get set up.

Choose the Full System for maximum security, or start with IDEnforcer Lite
and upgrade anytime — all your data moves with you.

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