01. THE OPPORTUNITY

REAL-TIME CRIMINAL RISK INTELLIGENCE.

ArrestWatch is building the first real-time criminal risk detection layer for workforce platforms at national scale.

Risk travels in minutes.

EXISTING SYSTEMS REACT IN MONTHS.

Today, companies like Uber and Lyft rely on static background checks every 3–12 months. They miss the most dangerous window: the moment a worker is arrested and continues operating for days before discovery.

02. THE ENTERPRISE RISK

DISCOVERY TAKES MONTHS.
LIABILITY IS INSTANT.

If a driver or courier commits a violent or sexual offence while active on the platform, discovery can take months. ArrestWatch closes that window to minutes.

LITIGATION RISK — ESCALATING

Companies operating large distributed workforces face massive settlements when safety gaps are exposed.

BRAND REPUTATION — CRITICAL

Public safety exposure destroys trust. Proactive safety notifications enable immediate suspension and regulatory defensibility.

"For a platform with millions of contractors, one avoided lawsuit more than pays for the product."

04. WHAT WE HAVE BUILT

PROVEN CORE CONCEPTS.

The technical foundation is already functional enough to demonstrate to enterprise buyers. We have moved beyond theory to execution.

DATA INGESTION

Working scrapers across multiple jurisdictions. Pipeline for transforming inconsistent HTML into structured records.

BIOMETRIC MATCHING

Working integration with AWS Rekognition. Generates embeddings to link arrest records to real workforce identities.

RISK ENGINE (MVP)

Scoring model using offense severity, recency, and frequency to classify individuals as High, Severe, or Critical risk.

LIVE DASHBOARD

Live MVP with monitored drivers, recent arrests, high-risk alerts, and facial matching demonstrations.

03. WHY NOW

A MARKET INEFFICIENCY.

Public arrest data exists, but it is fragmented across thousands of jurisdictions and lacks any real-time aggregation layer. No company in the U.S. aggregates this data continuously at scale—until now.

THE TECHNICAL INFLECTION POINT

The emergence of reliable web automation, scalable vector search, and mature facial recognition APIs makes this technically and commercially feasible for the first time.

1000s

FRAGMENTED JURISDICTIONS

ZERO

EXISTING AGGREGATION LAYERS

06. BUSINESS MODEL

FOUNDATION FOR SCALE.

While pricing is not final, the model is clear. Every metric aligns with low churn and high LTV.

RECURRING SaaS

+ PER-SEAT PRICING
+ ENTERPRISE CONTRACTS

USAGE-BASED

+ BIOMETRIC MATCHING FEES
+ HIGH-VOLUME API TIERS

05. DEFENSIBILITY

SYSTEM ARCHITECTURE.

ArrestWatch's advantage is not simply scraping—it is the system architecture. Latency is the product. The faster we identify a risk, the more valuable the platform becomes.

1. API-FIRST DESIGN
2. PROPRIETARY ETL PIPELINE
3. HIGH DATA THROUGHPUT

EVENT /v1/alerts/risk_detected


```
{
  "risk_score": "CRITICAL",
  "latency_ms": 450,
  "match_confidence": 0.99,
  "source": {
    "type": "ARREST_RECORD",
    "jurisdiction": "US_CA_LA",
    "timestamp": "2024-12-06T14:22:01Z"
  }
}
```


Biometric matching creates defensibility. It eliminates false identities during onboarding and gives enterprises a risk engine they cannot build internally.

07. NEXT STEPS

INCREASE SAFETY, LIMIT LIABILITY

Don't rely on outdated background checks. Integrate ArrestWatch's real-time arrest monitoring directly into your platform to proactively manage risk and ensure the highest safety standards.

INTEGRATION

REST API

SEAMLESS CONNECTION

OUTCOME

SAFETY

PROACTIVE RISK MANAGEMENT

REQUEST ACCESS

SECURE YOUR PLATFORM TODAY