

**FACIAL RECOGNITION**  
Powered by VixVizion



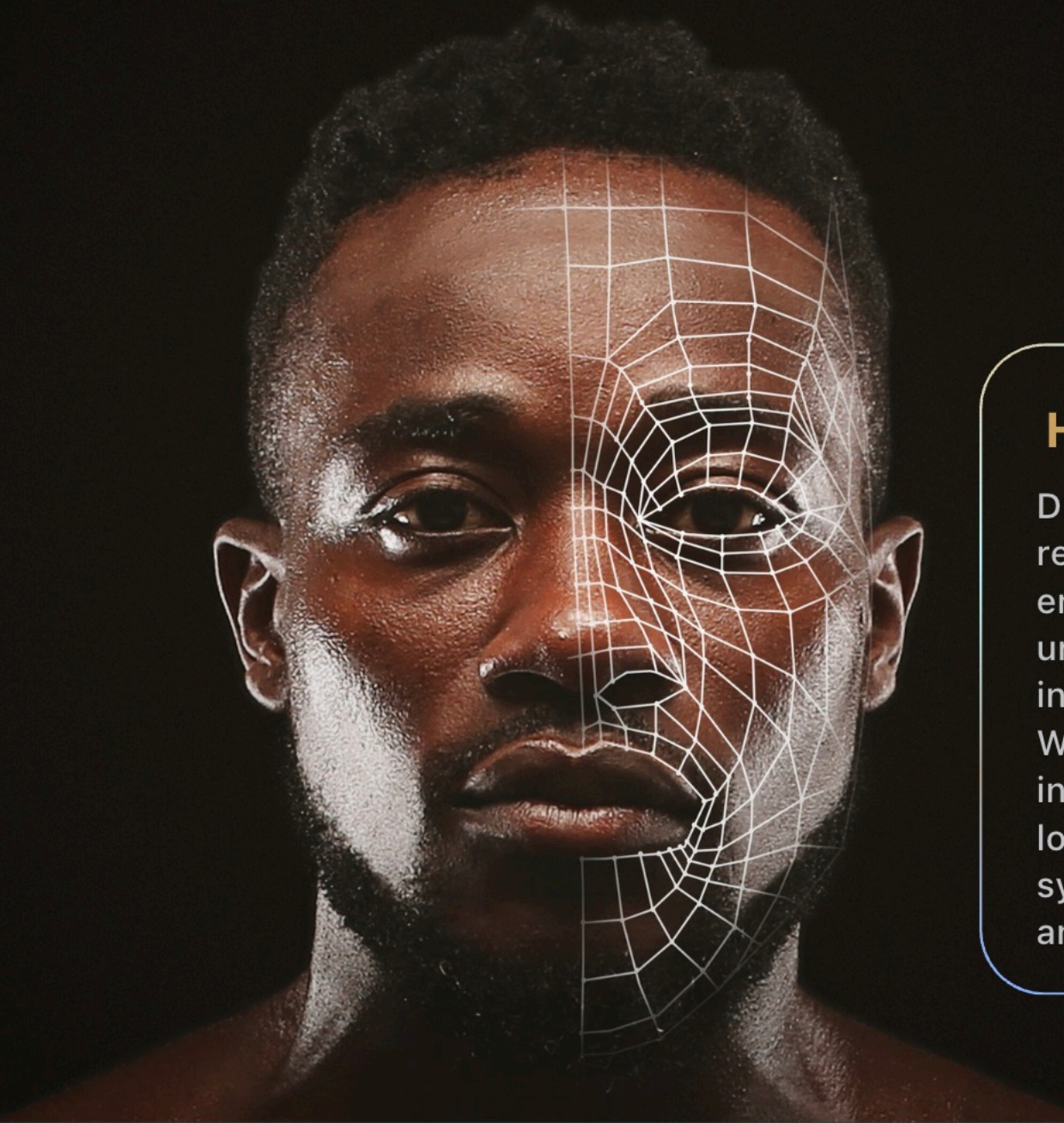
**digifort**

**SIMPLE | POWERFUL | TRUSTED**



# FACIAL RECOGNITION

## Enhancing Public Safety with Intelligent Identification



Powered by  
VIX **VIZION**

### High Accuracy

Digifort's facial recognition technology is engineered to deliver unmatched accuracy, even in complex environments. Whether it's identifying individuals in a crowd or in low-light conditions, the system ensures precision and reliability.

## White & Black Lists: A Next-Level Security Layer

Facial Recognition Solution is a powerful and proactive security feature within the Digifort ISMS platform, designed to identify individuals in real-time and immediately alert relevant authorities. This solution operates through two critical databases:



### White List

A trusted database of VIPs, authorized personnel, and valued guests. This list is commonly used in hospitality, corporate environments, and exclusive venues to provide seamless access, personalized services, and enhanced customer experiences.



### Black List

A high-security database that includes persons of interest, individuals wanted by law enforcement, and known criminals. When a blacklisted individual is detected, instant alerts are sent to security teams, law enforcement agencies, and designated personnel, allowing for swift and decisive action to prevent potential threats.

## Why This Matters: The Next Layer in Public Security

### Real-Time Threat Detection

Immediate identification of flagged individuals prevents unauthorized access, criminal activities, and potential security breaches.

### Industry-Wide Application

Ideal for airports, stadiums, casinos, critical infrastructure, law enforcement agencies, and hospitality venues where security & identity verification are crucial.

### Proactive Security Approach

Instead of reacting after an incident, our system provides preemptive alerts, allowing security teams to act before a situation escalates.



# INTELLIGENT FACIAL RECOGNITION

## Product Overview

VixVizion's Intelligent Video Analytics and Facial Recognition product delivers fast accurate face detection, matching, and recognition using advanced deep learning algorithms. This product is effective with high or low densities of people in frame, even with poorly lit, poor quality, angled or obstructed views. The solution has numerous use cases across many industry sectors.

## Markets and Use Cases

Enables a wide range of safety and security applications across multiple markets.



Loss Prevention and Safety (Retail)



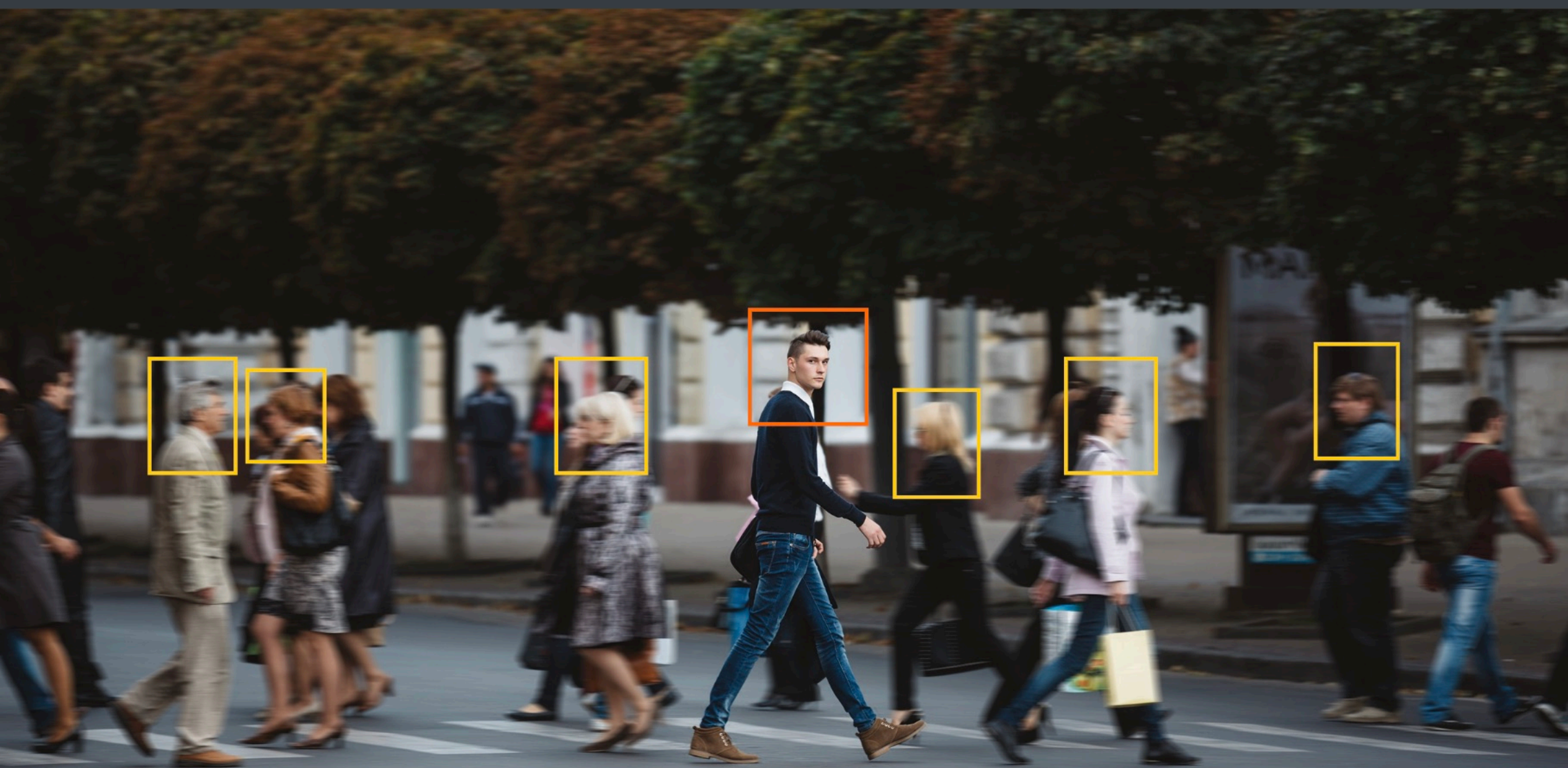
Responsible Gaming  
(Pubs and Clubs)



Safety and Security (Critical  
Infrastructure and Mining)



Patient Care and safety  
(Aged Care and Health)





## KEY FEATURES

### Easy, Fast and Powerful

#### Face Recognition

- Algorithms trained against multiple demographics, mask/glasses/hats, Lighting variations, motion blur and large pose changes (+/- 90 deg yaw, +15/-30 deg pitch, +/-30 roll)
- Easily enrol faces for recognition from existing databases, from video footage or on the fly.
- Enrol faces for recognition of person of interest or repeat offenders.
- Known and Unknown associate identification.
- Privacy controls and facial blurring.

#### Face Detection

- Market leading face detection accurately detects faces in video streams in real time in crowded or 1-to-1 scenarios and uncooperative environments.



#### Face Verification

- Fast and Accurate as benchmarked by US National Institute of Standards & Technology (NIST)
- Real time alerts for staff and management via screen, email and mobile phone SMS.
- Identity verification for staff/customer/passenger through enrollment and onboarding feature.
- Enhanced security use cases to support high security environments.
- 2nd level verification for Access Control integration.



## KEY BENEFITS

### VixVizion, A Proven Solution

A proven video analytics and facial recognition solution, trusted at hundreds of sites worldwide.

The solution is easy to deploy and operate, featuring intuitive user interfaces for both daily operation and system management. For enterprise environments, it also supports centralized enrollment through the Online Enrollment Centralized Register, enabling a single enrollment database across all locations.

### Through the use of VixVizion, customers can:

- ✓ Enhance safety of customers and employees and protect property through real time alerts if persons of interest or repeat offender return to a location.
- ✓ Help ensure compliance with Responsible Gaming Initiatives.
- ✓ Help verify who is onsite through 'proof of presence' safety roll calls.
- ✓ Protect patients at risk in Aged Care or health facilities.

### How is privacy addressed

VixVizion has been designed to operate with Privacy Principles Guidelines in mind. When a face is detected on a camera, the solution creates a metadata face file ("Metadata") for that particular face which describes the characteristics of the face. This Metadata is then used by the system to match against faces of people of interest who have been enrolled by the operator in the enrolled faces database. The Metadata is a data file, not an image file.

Face Metadata storage is a configurable part of our software which is managed by the customer and set depending on their needs, Metadata can be stored for days or minutes or immediately deleted.



## CONTACT US

### We're Here for You Worldwide

Wherever you are, our international teams are ready to assist you. Please find the contact details for your nearest office below.

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