



WildFaces' IQ-Retail System provides a comprehensive suite of applications for:

- Retail Stores
- Shopping Malls
- Mall Parking
- Quick Service Restaurants
- Drive in Stores



APPLICATIONS

A variety of applications are available to address:

- Understanding customer behaviour
- Understanding staff productivity
- Safety
- Security
- Logistics and Distribution
- Parking Management

MINIMAL INFRASTRUCTURE

- The system can operate:
 - in very crowded scenes (with up to 100 persons in view)
 - at long distances (25 TO 30m)
 - on low resolution cameras (2 megapixel)
- **No GPUs are required for real time analytics**
- Systems can run at the Edge, in a Datacentre or in the Cloud.

CUSTOMER BEHAVIOUR



DWELL TIME



CUSTOMER FLOW



VIP CUSTOMER



STORE
TRAFFIC



STAFF
MANAGEMENT



QUEUE
MANAGEMENT



OUTSIDE FOOT
TRAFFIC



MARKETING
EFFECTIVENESS



KNOW YOUR
CUSTOMER

Use demographics to understand all aspects of customer behaviour enabling the stores

to provide a better customer experience

to achieve a better return on their marketing investment

ADAPTIVE SIGNAGE



- The system can understand the gender and age group of multiple individuals walking towards the monitor. It can do this from a distance for very large groups of individuals.
- The system can determine the predominant demographics of the group
- It can display the most appropriate advertisement for the “average demographics” of the group.

QUICK DRIVE IN SERVICE



- Understand when customer who has placed an order drives in
- Measure speed of service delivery

SAFETY



SAFETY

- Detection of water or other potentially dangerous substance on the floor.
- Determination of time it takes to clean the water or other substance on the floor
- Detection of a person slipping and falling.
- Ensure safety exits are not blocked with rubbish.
- Evacuation Management. Making sure every single person has been accounted for.

- Find lost children or senile aged persons
- Fever Detection in a Crowd
- Rodent Detection at night

SECURITY

- Intrusion Detection at scheduled times
 - Theft detection of high valued items
 - Detection and autonomous tracking of known shoplifters of high valued items
- autonomous tracking of known shoplifters



LOGISTICS AND DISTRIBUTION

- Manage Contactless Access for supplier people and vehicles
- Ensure pallets of goods are not left in the loading docks
- Control Theft

UNDERSTAND STAFF PRODUCTIVITY

- Manage Contactless Access for staff
- Ensure appropriate PPE is always worn



PARKING MANAGEMENT

- Provide autonomous access.
- Provide navigation advice to drivers to speedily find vacant spots
- Help drivers find their vehicles when they return
- Detect unauthorized dumping of rubbish or shopping carts
- Detect queue build-up at entrances and exits and congestion in the car park
- Understand and enable quick response to congestion
- Raise alerts for vehicles exceeding speed restrictions
- Ensure vehicles do not spend more than the allocated time in the car park without charge
- . Detect vehicle accidents
- Detect vehicles that park illegally outside of proper parking locations.
- Detect fights and altercations
- Detect vehicles speeding or driving in unauthorized directions.
- Detect Smoke and Fire
- Prevent access to black listed vehicles
- Detect graffiti and vandalism
- Raise alerts for vehicles exceeding height restrictions.

ADVANCED INTELLIGENCE

Many components of the system are internationally patented including:

- The ability to understand behaviours in a Crowd
- The concept of Dwell Time in a Crowd.
- Reversible Privacy Protection
- Databaseless Access Management
- Autonomous Response
- Smart Compression to reduce Storage and Network Bandwidth requirements
- Evacuation Management
- ... and many more



PRIVACY PROTECTION

All systems from WildFaces are GDPR compliant. All videos streams are privacy protected such that no individual can be recognized by any operator of the system. In the case of a serious incident, however, an authorized person can use a key to reverse the redaction and determine who was involved.



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All WildFaces Products run exclusively on Intel based computing hardware using **OpenVINO™**

The use of Advanced AI technology that goes beyond Deep Learning enables WildFaces to run its systems without the need for 3rd party GPUs.

This reduces the power required by a factor of 16 – resulting in a 16-fold reduction in the carbon footprint. This is just one part of a multi-faceted program to help customers to implement Sustainable Systems.

All commercial entities from Retail to Manufacturing and Banking to Hospitality are changing rapidly and their leaders are looking at technology, social patterns, and automation to improve efficiency, resilience, and business results. As physical and digital environments come together, IoT and edge solutions can propel your enterprise to make better-informed decisions quickly.

IoT is unlocking greater business value by handling routine tasks so that employees can focus on higher-level thinking activities. With robust industrial solutions based on Intel® technology from WildFaces, challenges faced by commercial and industrial organizations become opportunities for innovation.



WildFaces' patented "On-The-Move" Artificial Intelligence (AI) based Analytics system, WildAI, revolutionizes video, sound, and smell analytics from mobile IoTs on drones, robots, and wearables. As a spin-off from a 2-decade long iOmniscient (www.iomni.ai), our systems have been deployed globally in 75 smart cities with 300 proven AI Use Cases.

WildFaces offer a wide range of Applications such as followings:

- NO Deep Learning Predictive Maintenance
- Anonymized Tracking to know your customers (with privacy protection)
- Effective Rodent & Waste Management
- Traffic congestion management
- Sound and Smell Analytics and MORE.

WildAI requires minimal training, is computing light (does not require GPUs) and can be deployed very quickly. It:

- Operates in real-time even when the sensor is "On-the-move".
- Requires no deep learning
- Is infrastructure light – fewer cameras required



Contact Us:



market ready ✓