

Artificial Intelligence Computer Vision



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MIDAS-FF

Mobile Image & Data Acquisition System

Face Forensics

Rapid Deployable Tactical Surveillance

The MIDAS-FF is a bespoke system designed solely for detection and recognition of persons or faces.

The Face Forensic's software is an AI-based system that uses deep learning and computer vision technology.

Using the advanced Artificial intelligence computer vision, Face Forensic's can automatically alert via a watchlist system and identify persons of interest in real-time and historically while protecting the identity of bystanders.

The advanced algorithms can identify a face or person even if they are wearing glasses, hats or from a side profile.

Detection
Extraction
Tracking
Recognition



Rapid Deployable Detection & Recognition Solution

Compatible with the latest IP Surveillance Camera's

Backwards compatible with Analogue CCTV systems

Historical Analysis from pre-recorded CCTV

Live Analysis Option available from "Live" CCTV



Recognise the Future

Recognizing and responding to threats to public safety is the main focus of security and operations teams, and their success depends on accurate and fast identification of people.

The human eye alone is imperfect, and most software that automates the recognition of individuals on watchlists underperforms in real world conditions.

Face Forensic's is an advanced tactical surveillance system, powered by cutting-edge, deep neural network. It offers a wide range of capabilities, including :

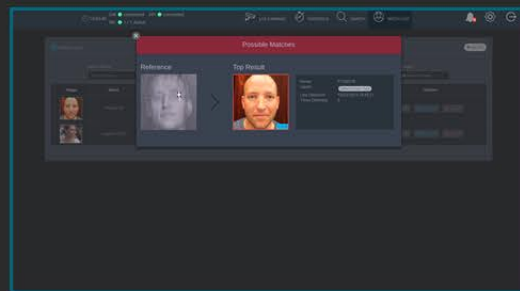
Face Recognition,

Human Body Recognition,

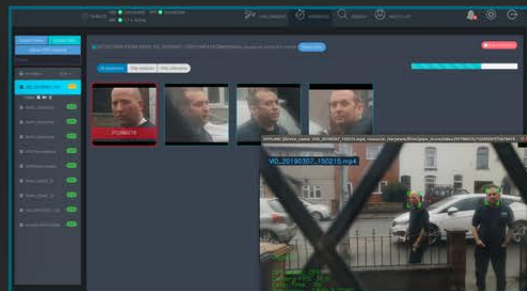
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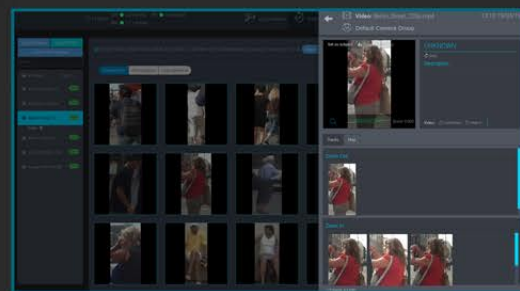
Enrol faces into a “watchlist” from any source including Driving License, CCTV and photograph



Detect faces and “Alert” operators when a face from the “Watchlist” is recognised.



Detect and recognise Human Body



Unique advanced features include tools to comply with GDPR requirements.

Privacy Mode - Only presents faces captured of pre-defined individuals from a watchlist.

Face Blur Mode - Automatically blur's any faces in the field of view.

Complies with The EU General Data Protection Regulation (GDPR)



Pre-Recorded module available.



Live Camera Module Available

Engineered to meet the challenges of 24/7 policing

Rapid Deployable Tactical Surveillance

Bespoke Rugged Aluminium Case

Large Hi-Res Display Monitor

Linux OS

Nvidia Cuda Graphics processing

MAJOR INVESTIGATIONS

COUNTER TERROR

AIRPORT SECURITY

MAJOR EVENTS

MISSING PERSON

BORDER SECURITY

HDMI Digital video input upto 4k

Analogue Video input

4G / WiFi / Bluetooth for Video Streaming

RJ45 IP Video input / connection

Example Specification

System Drive

500gb SSD OS Drive

Media Storage

2Tb Evidence Store

Memory

16Gb Ram

CPU -

Intel i7

GPU

Nvidia CUDA

OS

Linux

Power

Mains Dual 110Ac/240Ac



Scientific Analytical Tools

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