

VEHICLE INTELLIGENCE PLATFORM

# AutoRecon

## AI-powered vehicle identification and visual intelligence.

Fast, practical vehicle recognition from real-world imagery - including small, compressed, partial, low-light and interior photographs.

IDENTIFICATION RESULT

**92%** MATCH CONFIDENCE



Make / model, generation, view angle and visual matches

**21**

Supported brands

**666**

Vehicle generation records

**2015+**

Training data coverage

**90%+**

Estimated UK coverage

## Built for imperfect vehicle media

AutoRecon turns unstructured images and video frames into searchable vehicle intelligence. It is designed for real investigation, validation and operational workflows where media quality is rarely perfect.

**01 Small / low-quality images**

Detect vehicles from compressed, low-resolution, social-media, CCTV or thumbnail-like image sources.

**02 Partial vehicle views**

Work from cropped exterior clues such as headlights, grille, rear lights, wheels, mirrors or body shape.

**03 Low-light tolerant**

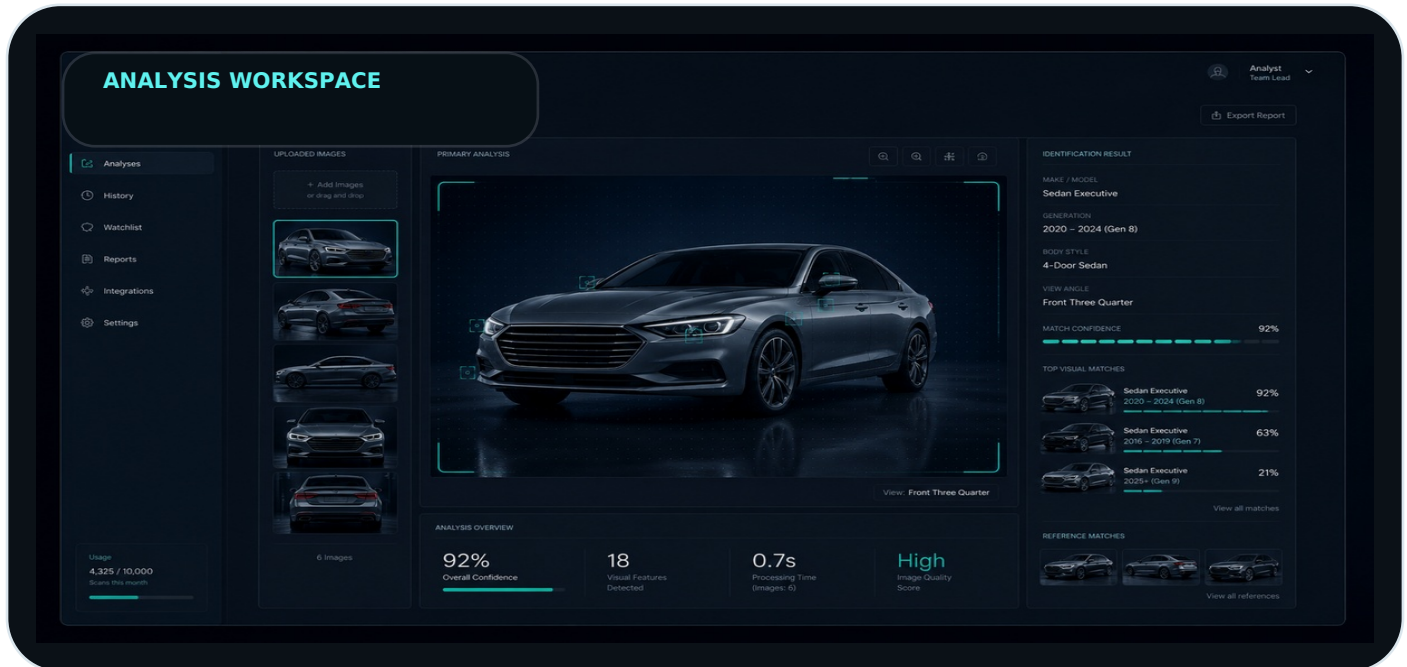
Support night-time, poor-exposure, garage, shadowed and darker surveillance-style imagery.

**INTERIOR RECOGNITION**

Identify vehicles from cabin photographs using dashboard, steering wheel, infotainment, seating and trim cues when exterior details are unavailable.

# From upload to actionable results

A focused workflow for identifying unknown vehicles, comparing similar references and supporting image, video and investigation pipelines.



## Core capabilities

### 01 Fast detection

Rapidly classify vehicles from still images, extracted video frames and batch media.

### 02 Generation awareness

Distinguish model generations, facelifts and variants where reference coverage is available.

### 03 Interior-aware analysis

Use cabin details such as dash, infotainment, seats and steering wheel as recognition cues.

### 04 Visual similarity search

Return ranked reference matches, confidence indicators and supporting visual evidence.

## CURRENT COVERAGE

### UK vehicle recognition coverage estimated at over 90%

Current reference and training data goes back to 2015 and covers 21 supported brands with 666 vehicle generation and facelift records. Coverage can be expanded with additional brands, historic models, regional datasets or customer-specific image libraries.