

**FORENSICS**

# Forensic Video Footage Analyzer for AI Enhancement and Multi-Camera Investigation

Forensic video analysis workstation for law enforcement and corporate investigation teams. Enhances degraded footage, extracts faces and licence plates, synchronises multi-camera timelines, and produces annotated incident reconstructions for prosecution and compliance use.



[Video Footage Analyzer](#)

[Official Brochure](#)

## SOLUTION SNAPSHOT

<p>INPUT FORMATS</p> <p><b>MP4 / AVI / MKV / H.264 / H.265 + 40 more</b></p>	<p>ENHANCEMENT</p> <p><b>AI super-resolution / deblur / denoising</b></p>	<p>FACE SEARCH</p> <p><b>Search across 1,000+ hours in &lt; 5 min</b></p>
<p>MULTI-CAMERA SYNC</p> <p><b>Auto time-sync up to 256 streams</b></p>	<p>OUTPUT</p> <p><b>Annotated clips + PDF timeline report</b></p>	

# Built for Real Operations

Accepts footage from any source — CCTV, body cameras, dashcams, drones, and social media — and processes it through an AI enhancement pipeline that super-resolves low-resolution frames, deblurs motion artefacts, and corrects exposure. Investigators can then run face recognition, object searches, and timeline correlation across hundreds of hours of footage simultaneously, cutting review time from weeks to hours.

## APPLICATIONS

## Where This Product Fits

### Major Incident Investigation

Reconstructs the sequence of events before, during, and after serious incidents by correlating footage from multiple camera sources on a unified timeline.

### Missing Persons & Suspect Tracking

Traces an individual's movement path through a city or facility by searching their face across thousands of hours of footage automatically.

### Accident & Liability Analysis

Enhances low-quality dashcam and CCTV footage to extract actionable evidence for traffic accident investigations and insurance disputes.

## SPECIFICATION

## Technical Details

<b>Input Formats</b>	MP4 / AVI / MKV / H.264 / H.265 + 40 more
<b>Enhancement</b>	AI super-resolution / deblur / denoising
<b>Face Search</b>	Search across 1,000+ hours in < 5 min
<b>Multi-Camera Sync</b>	Auto time-sync up to 256 streams
<b>Output</b>	Annotated clips + PDF timeline report
<b>Processing</b>	GPU-accelerated (NVIDIA CUDA)
<b>Storage</b>	Case-based encrypted project files
<b>OS</b>	Windows 10/11 (64-bit)
<b>Export</b>	Court-ready MP4 + PDF + CSV
<b>Warranty</b>	Annual licence with priority support

"We tracked a suspect through 47 cameras across a city centre in 3 hours. Without this tool, the same task would have taken a team of 10 analysts over a week."

**Detective Inspector**

Major Investigation Team

## RESOURCES

## Media &amp; Questions

**Q. Can it enhance footage from old analogue CCTV systems?**

A. Yes. The platform accepts digitised analogue footage and applies AI super-resolution to recover detail from low-resolution, interlaced video.

**Q. Is enhanced footage admissible as evidence?**

A. Enhancement is presented as a processing aid alongside the original footage, which is always preserved unmodified. The platform logs all processing steps for disclosure to the defence.

**Q. How does multi-camera synchronisation work?**

A. The software uses audio fingerprinting, embedded timestamps, and motion correlation to automatically align footage from cameras with different time zones or drifted clocks.

## Ready to deploy Video Footage Analyzer?

Talk to Nirikhon for product consultation, installation planning, integration support, and enterprise deployment.

**Hotline: 01712345678 | Website: [www.nirikhon.com](http://www.nirikhon.com)**