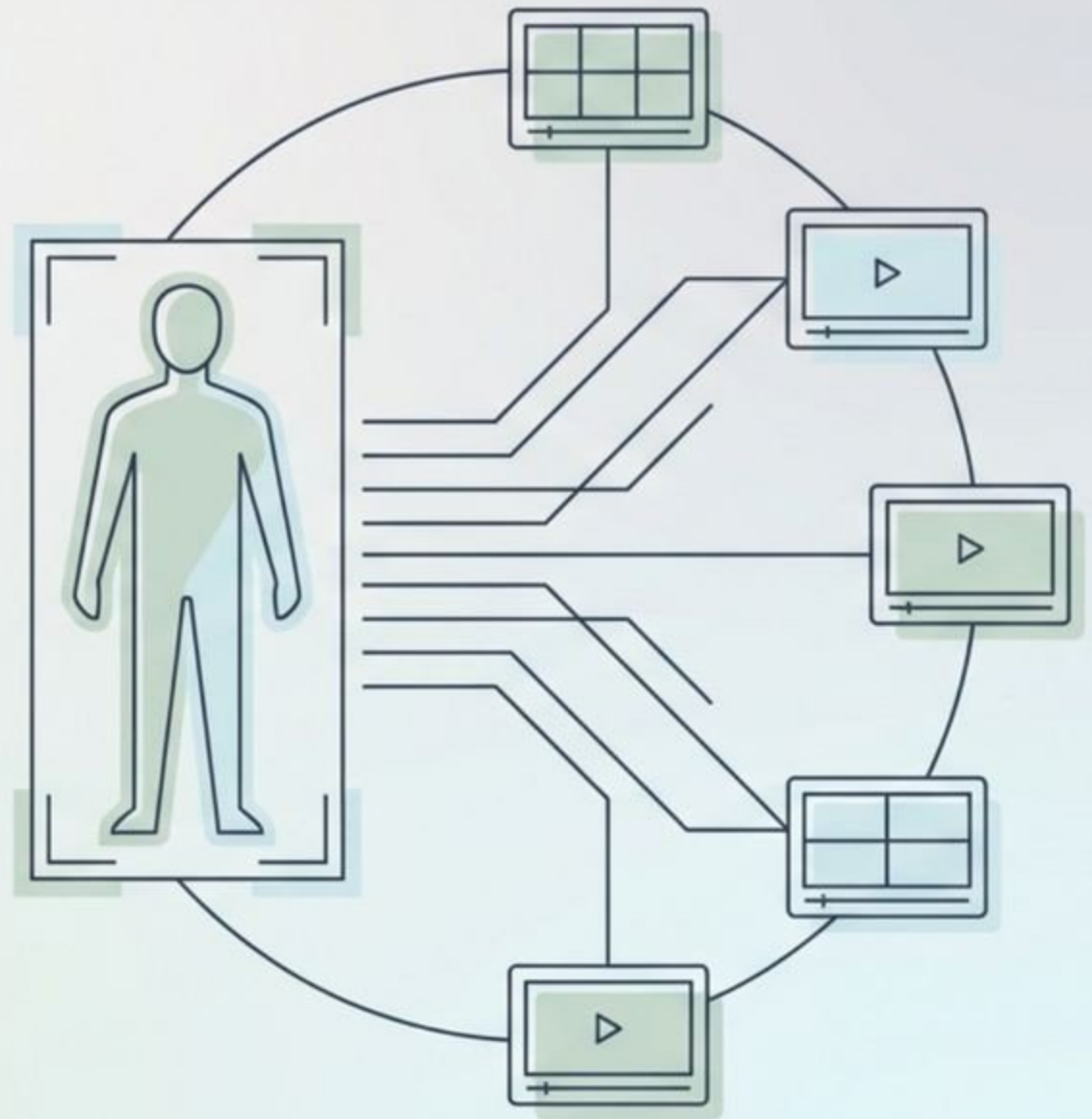


Forensic Search Search

Advanced AI Target Tracking
for System Integrators



Overview

AI-Powered Object Similarity Tracking

What is Forensic Search?

AI technology capable of finding similar-looking objects across multiple VMS video channels. Operators mark a bounding box around an object of interest, and the VMS instantly aggregates all video clips potentially containing that subject across the network.

Trackable Objects:

Instantly matches People and Vehicles.

Deployment Flexibility:

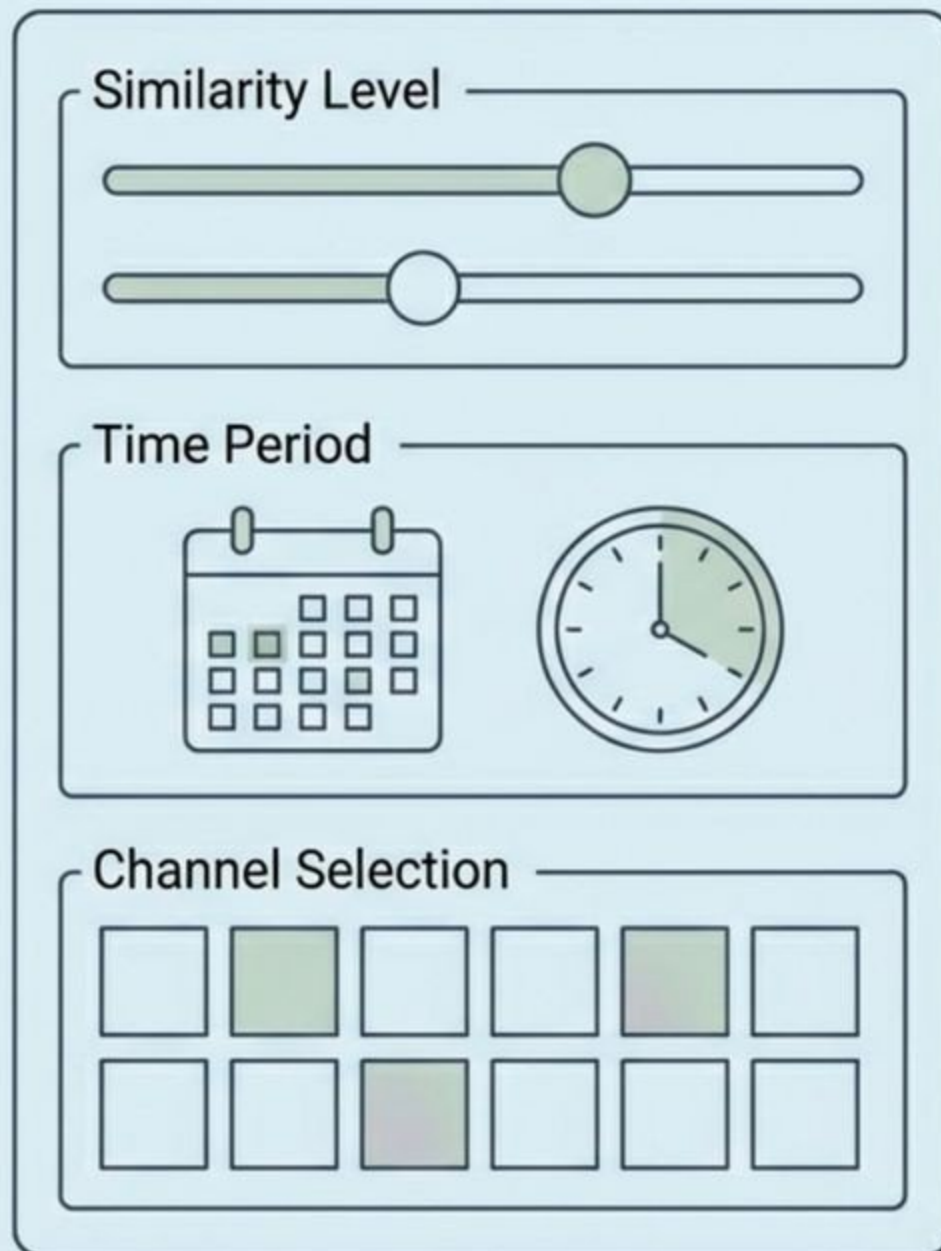
Initiated seamlessly from both Live View and Playback modes.



Features

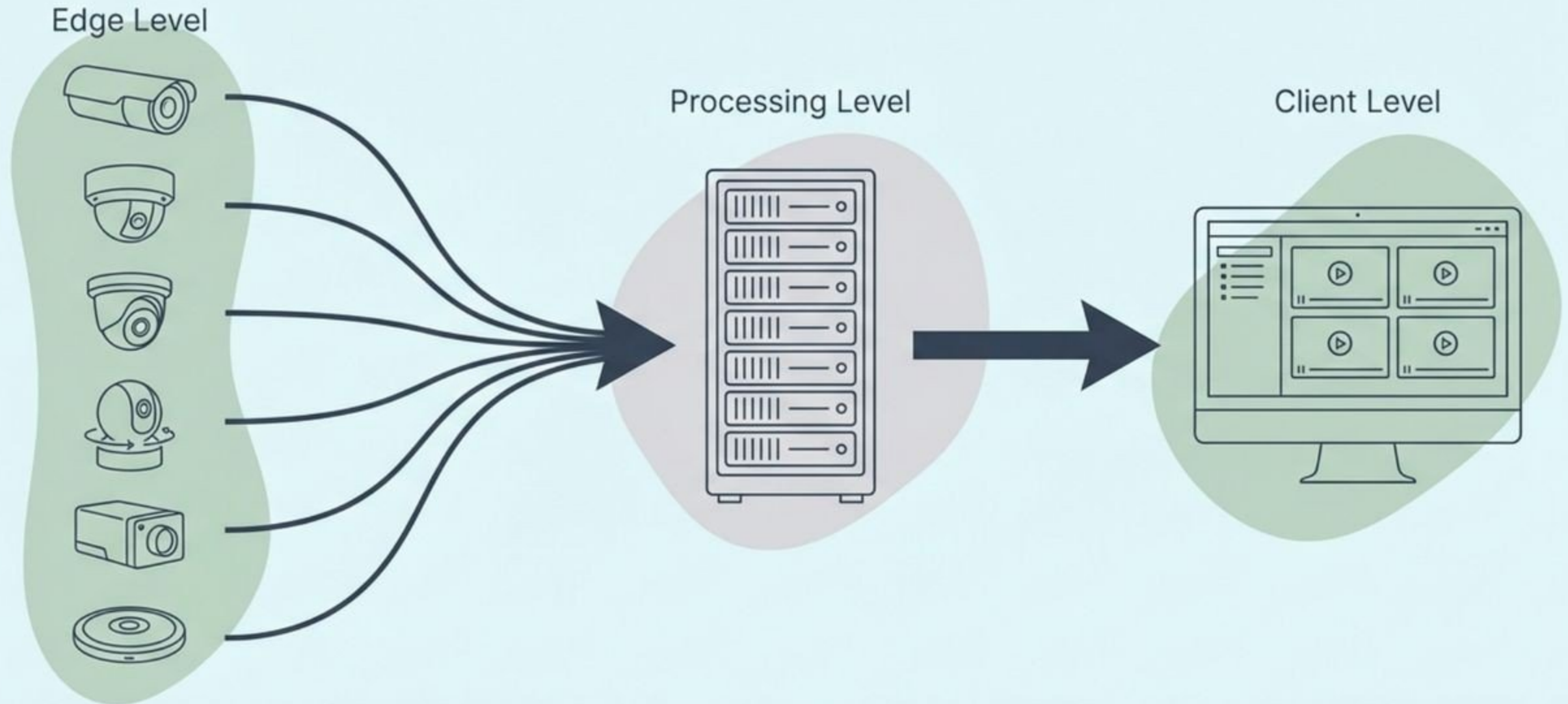
Precision Search Parameters

- **Selected target object by the bounding box**
Primary initiation method
- **Selected time period of interest**
Narrow down historical data
- **Similarity level**
Adjustable confidence thresholds for AI matching
- **Channels to be searched from**
Target specific camera zones or entire site grids



Architectures

Forensic Search Ecosystem Flow



Applications

Streamlined Investigations Across Vertical Markets

Core Application

Eliminates manual scrubbing. Seamlessly tracks suspects across premises, combining multi-channel results into a single, reviewable dashboard for rapid evidence export.

Target Vertical Markets

- **Corporate Campuses:** Track unauthorized individuals moving between distinct office buildings and secure zones.
- **Retail & Malls:** Trace shoplifters or suspicious vehicles across massive indoor/outdoor camera grids.
- **Smart City & Law Enforcement:** Rapidly query suspect vehicles across wide-area traffic and intersection networks.



Solutions

Integrated Software and Standalone Server Options



Software Integrations

Built directly into powerful software platforms like NVR 3 Business and NVR 3 Corporate.



Standalone Server Ecosystem

Available out-of-the-box on a wide array of ACTi hardware NVRs.

Capacity & Redundancy

Standalone servers provide enterprise-grade channel capacities and robust RAID-redundant storage architecture, ensuring vital evidential video data is protected during continuous AI metadata processing.

Product Introduction

Product Matrix

VMS Software	NVR 3 Business, NVR 3 Corporate
BNR / GNR Series	BNR-300, GNR-350
INR Series	INR-401, INR-406, INR-407, INR-413, INR-415, INR-416, INR-417, INR-418, INR-490, INR-930, INR-960
KNR Series	KNR-121, KNR-220P, KNR-420
ZNR Series	ZNR-129, ZNR-222P, ZNR-224, ZNR-425, ZNR-429, ZNR-429-32ch

Product Introduction

Comparison



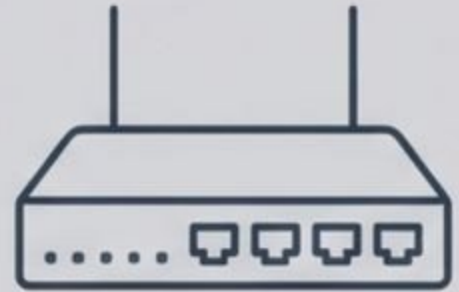
Software-Only (NVR 3 Series)

Ultimate scalability. Deployable on custom off-the-shelf commercial servers. Best for distributed enterprise networks.



Enterprise Standalone (INR / GNR / BNR)

High-capacity, purpose-built rackmount hardware with RAID redundancy. Designed for centralized command centers.



Integrated Edge (ZNR / KNR Series)

Plug-and-play simplicity (e.g., up to 32 channels). Ideal for retail and mid-sized commercial deployments.

Summary

Key Takeaways for System Integrators



Instant AI Matching

Transform VMS platforms into active tracking engines for both people and vehicles.



Massive Time Savings

Replace hours of manual multi-channel video scrubbing with instant, bounding-box-initiated central dashboards.



Broad Compatibility

Embedded natively across 24 distinct ACTi platforms—from NVR 3 software to 32-channel ZNR hardware—ensuring a perfect fit for any project scale.

Contact Us

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