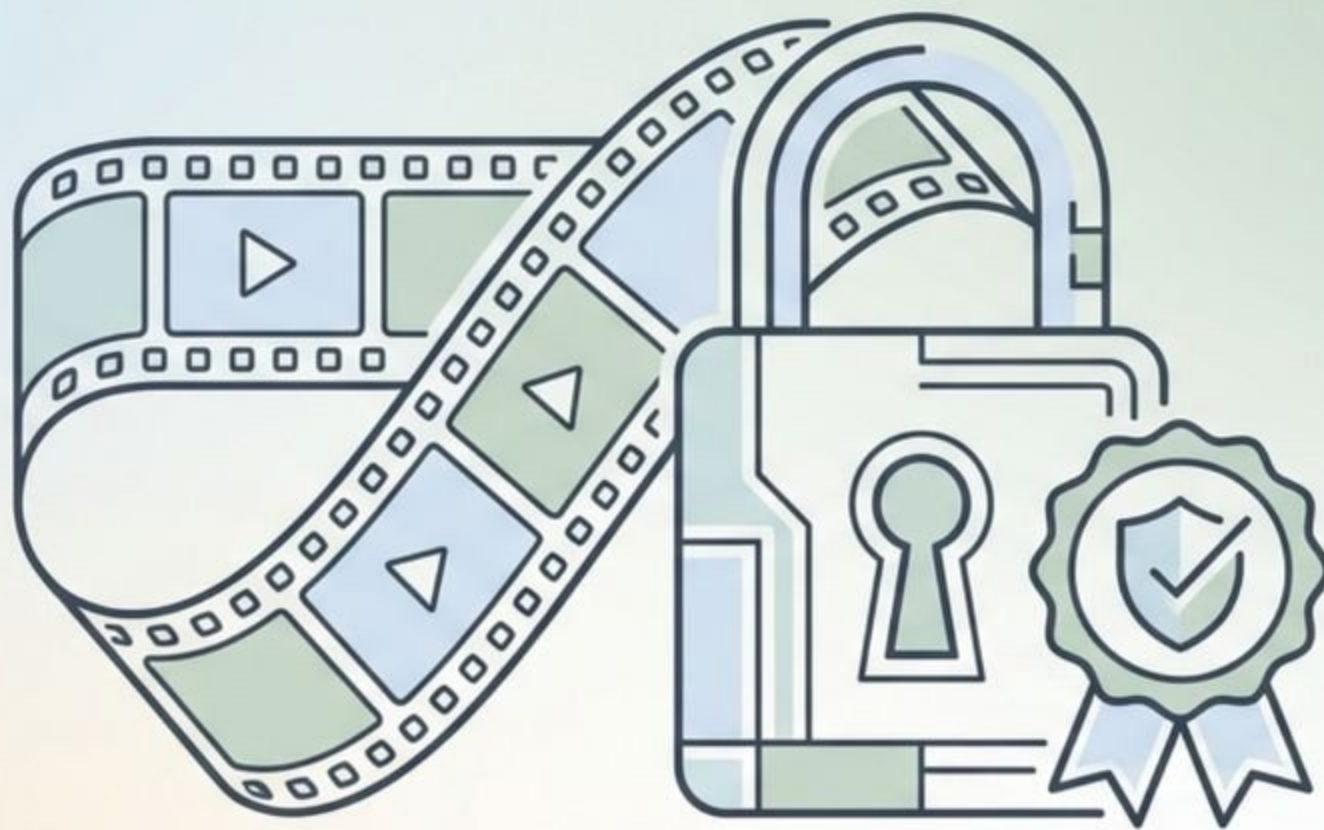




Authentic Video Evidence

Overview

Establishing an Unbroken Chain of Custody

The Purpose

Ensures recorded surveillance footage is legally admissible in court proceedings and insurance claims.

The Chain of Custody

Proves beyond a reasonable doubt that the video is an exact, unaltered duplicate of the original camera capture.

The Threat

Defends against opposing counsel or adjusters claiming the video was manipulated via deepfakes or editing software to alter the narrative.



Features

Core Capabilities of Secure Recording



Digital Signature Generation

Created at the precise moment of recording by the VMS.



Cryptographic Hash Algorithm

Unique hash value generated based on every single frame and its corresponding timestamp.



Invisible Embedded Fingerprint

The signature is woven directly into the video file's fabric, seamlessly linked to the content.

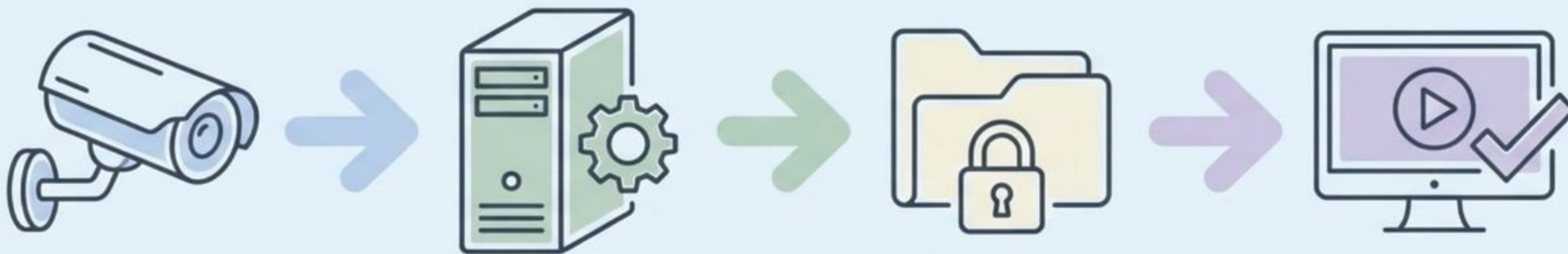


Zero-Tolerance Tamper Flagging

If a single pixel is altered or a frame removed, the mathematical formula breaks and invalidates the signature.

Architectures

The Verification Workflow



1. Live Stream Capture

Video streams from the camera to the VMS server.

2. Hash Generation & Embedding

VMS applies the cryptographic algorithm to embed the signature.

3. Secure Data Package Export

Operator exports a secure package containing original footage and the embedded signature.

4. Proprietary Player Verification

Recipient loads the clip into ACTi's player. Hash is recalculated to display 'Verified' or 'Tampered'.

Applications

Targeted Vertical Markets



Court Proceedings

Criminal & Civil Justice

Provides indisputable, solid evidence that withstands intense cross-examination and immediately dismantles deepfake manipulation claims.



Insurance Claims

Risk Management & Adjusting

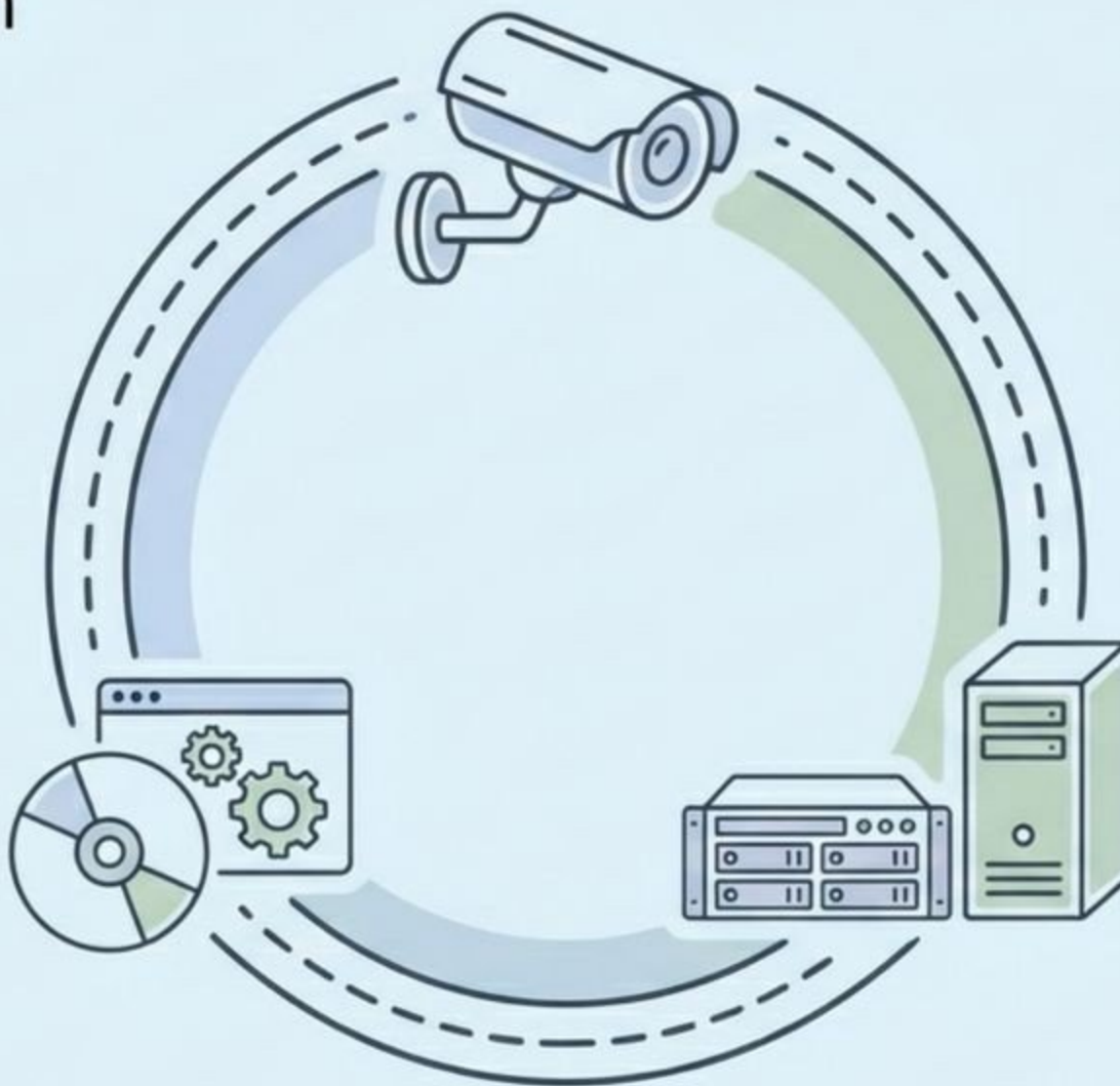
Delivers irrefutable proof of events to significantly expedite claim settlements and definitively combat sophisticated insurance fraud.

Solutions

The ACTi Ecosystem

Software Integration

Engineered to work natively with ACTi cameras and software platforms like NVR 3 Corporate and NVR 3 Business.

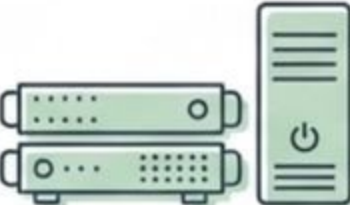


Standalone Servers

Turnkey deployment utilizing enterprise-grade standalone NVR/CMS servers designed for high capacity, fault tolerance, and redundancy (INR, GNR, and BNR series).

Product Introduction

Hardware and Software Lineup - Product Matrix

	Software VMS Platforms		Standalone Servers
	• NVR 3 Corporate • NVR 3 Business		BNR Series • BNR-300
			GNR Series • 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

Product Introduction

Selecting the Right VMS Platform



Summary

Securing the Truth



Undeniable Authenticity

Cryptographic hash guarantees admissibility in courts and insurance claims.



Seamless Integration

Operates natively across the entire ACTi ecosystem, including cameras, NVRs, and VMS.



Proactive Protection

Immediate, automated identification of altered frames and manipulated pixels via the proprietary player.

Contact Us

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