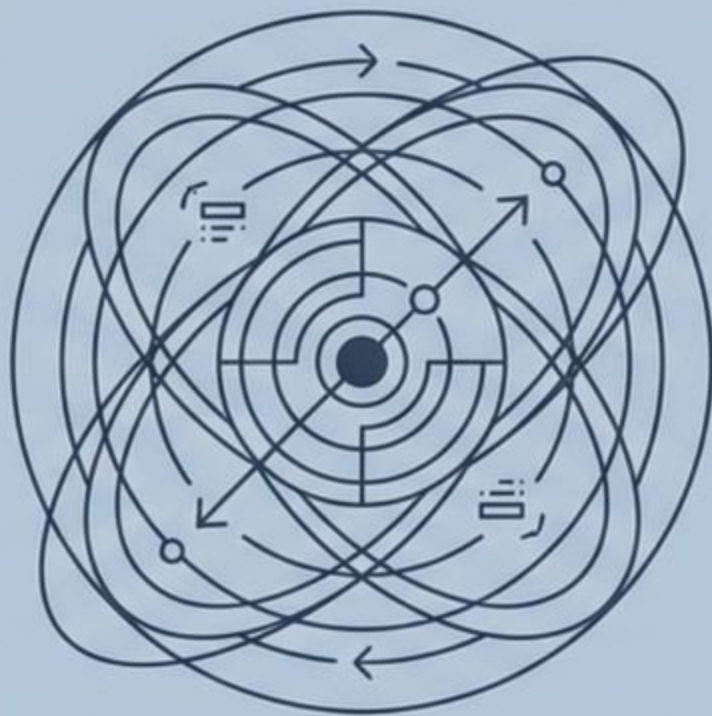




Event Trigger

Overview

Automating Security Surveillance



What is an Event?

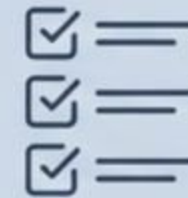
A situation acknowledged by the NVR automatically without human assistance.

Core Purpose: Automate security surveillance.



Event Trigger Types:

Originate from IP surveillance cameras, network devices, or the VMS itself.



Priority Levels:

Intelligent categorization.
Example: Differentiating a critical event (large crowd gathering) from a standard event (smaller crowd).

Features

Comprehensive Event Detection Sources



Events from the Camera

Video Motion Detection

Sound Detection

Gunshot Detection

External Device via Digital Input

AI Analytics Based Detections
or Recognitions



Events from Other Devices

Panic Button

Emergency Button

Smoke Detector

Passive Infrared Sensor

Magnetic Contacts of Windows
and Doors

Glass Break Detector



Events Created by VMS

Disk Full / Disk Not Found / Disk
is Available

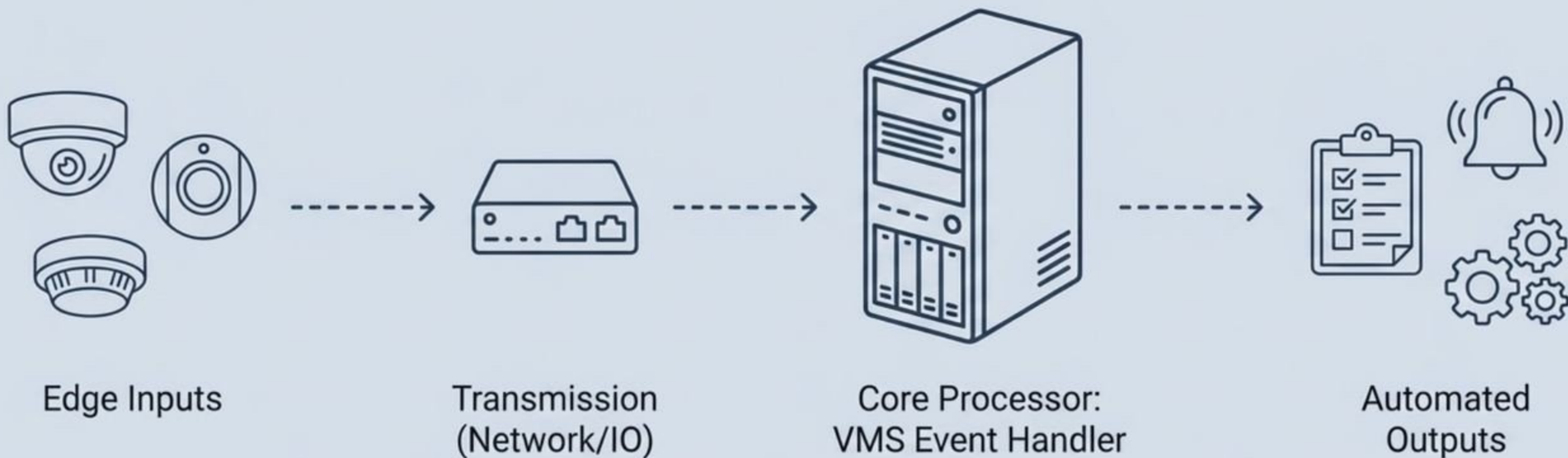
S.M.A.R.T

Schedule Service Start/Stop /
Time Incorrect

Alerts: CPU, GPU, Memory,
Network, Channel Disconnection

Architectures

The Flow of Automated Intelligence



The architecture seamlessly bridges physical edge devices with the centralized processing power of the VMS.

Applications

Operational Benefits by Vertical Market

Core System Purposes

1. Improve situational awareness
2. Speed up responses to ongoing incidents
3. Create logs of incidents for investigation purposes
4. Provide high reliability of the system
5. Save labor cost



Smart Commercial Buildings

Rapid response via emergency buttons and panic alarms.



Retail Chains

Improving situational awareness with AI analytics and crowd detection.



Industrial & Manufacturing

Ensuring high reliability with automated VMS hardware health alerts (CPU/GPU/S.M.A.R.T) and smoke/PIR sensors.

Solutions

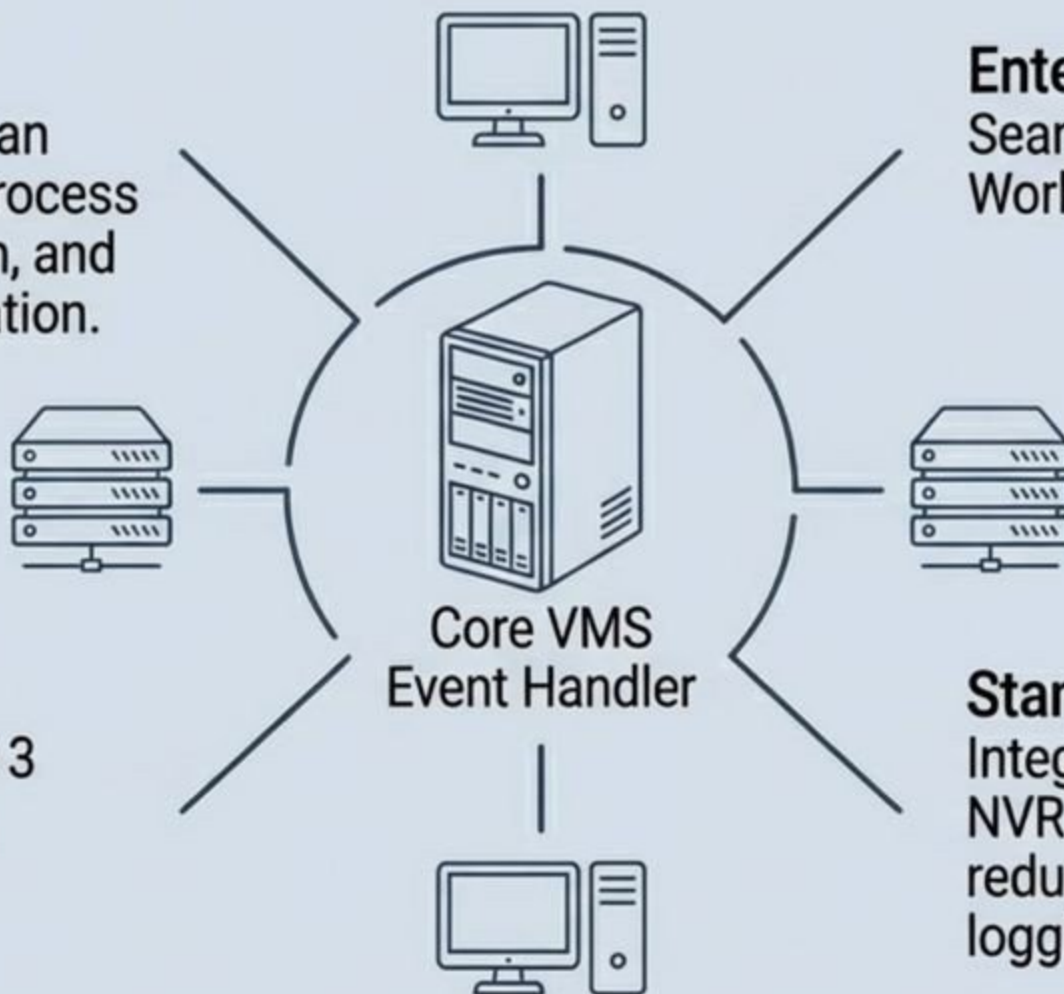
The ACTi Event Handler Ecosystem

Universal Processing:

All ACTi VMS products contain an Event Handler system able to process incoming events, prioritize them, and log them for playback/investigation.

Scalable VMS:

Fully compatible with both NVR 3 Business and NVR 3 Corporate environments.



Enterprise Integration:

Seamlessly works with CMS 2 Workstation for Windows.

Standalone Reliability:

Integrates directly into standalone NVR hardware, providing native redundancy and high-capacity event logging without third-party software.

Product Introduction

Product Matrix – Video Management & Recording



Enterprise VMS & CMS Software

CMS 2 Workstation for Windows, CMS-100, CMS-201, NVR 3 Business, NVR 3 Corporate.



High-Capacity Servers (INR Series)

INR-401, INR-406, INR-407, INR-413, INR-415, INR-416, INR-417, INR-418, INR-418, INR-490, INR-930, INR-960.



Standalone NVRs (ENR / ZNR Series)

ENR-010P, ENR-020P, ENR-130, ENR-421. ZNR-126, ZNR-127, ZNR-129, ZNR-224, ZNR-423, ZNR-424, ZNR-429, ZNR-429-32ch, ZNR-431.



Mobile & Specialty Recorders (BNR / GNR / KNR / YVR Series)

BNR-300, GNR-350. KNR-120, KNR-121, KNR-421. YVR-120, YVR-121, YVR-122.

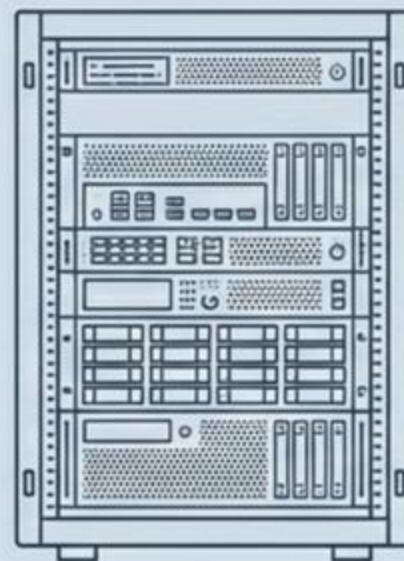
Product Introduction

Comparison – Selecting the Right Solution



Standalone Embedded NVRs (ENR / ZNR / Specialty)

Ideal for edge deployments, retail branches, and mobile setups. Embedded stability, direct device inputs, lower footprint.



Enterprise VMS & Rack-Mount Servers (NVR 3 / CMS / INR)

Designed for smart commercial buildings and industrial complexes. Unlimited event capacity, deep integration, advanced hardware health monitoring (CPU/GPU/Disk).

Summary

Empowering Proactive Security



Unmatched Versatility

Broadest range of trigger inputs from intelligent cameras, external physical devices, and deep VMS system diagnostics.



Measurable ROI

Replaces manual monitoring with automated logging and critical event prioritization, driving down labor costs.



Scalable Ecosystem

From edge embedded NVRs to corporate CMS workstation environments, the Event Handler is universally integrated into the entire ACTi hardware matrix.

Contact Us

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