

The background features several overlapping geometric shapes: a green rectangle in the top-left, a blue L-shaped block in the bottom-left, an orange square in the bottom-center, a large orange semi-circle in the top-right, and a tan L-shaped block in the bottom-right. A small green circle is located within the tan block. The title text is centered on a white rectangular area.

Redundancy Service

2026/03/04

Overview

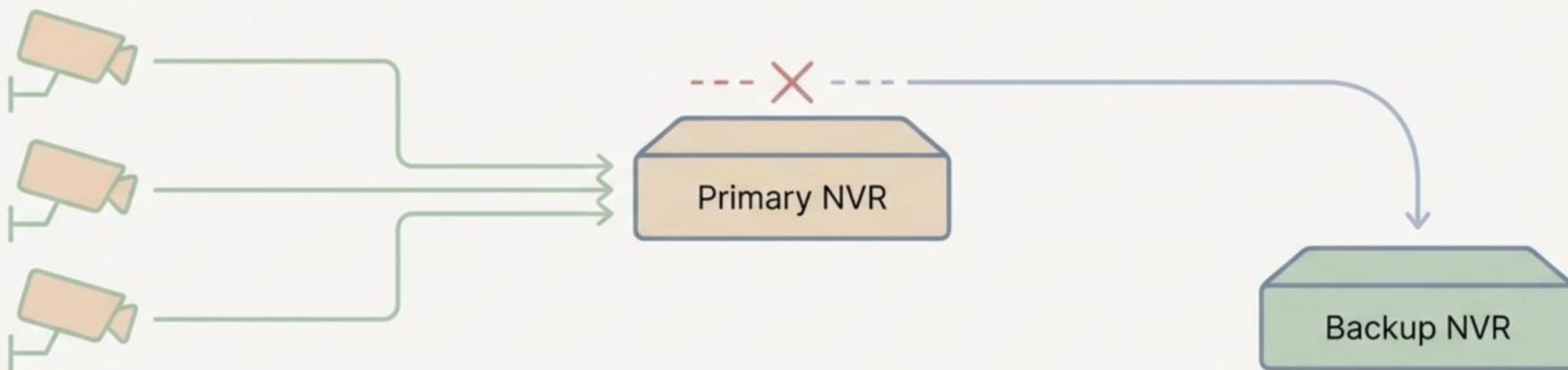
Ensuring Continuous Mission-Critical Surveillance

The Risk

Network failures, data switch failures, power outages, and human errors can make primary NVR servers inaccessible.

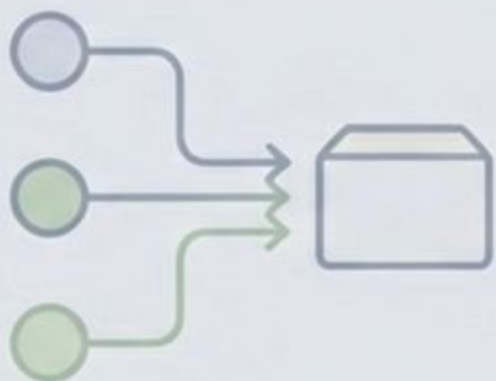
The Concept

Redundancy Service ensures that an alternative system immediately steps in to record video streams when the original NVR is unreachable.



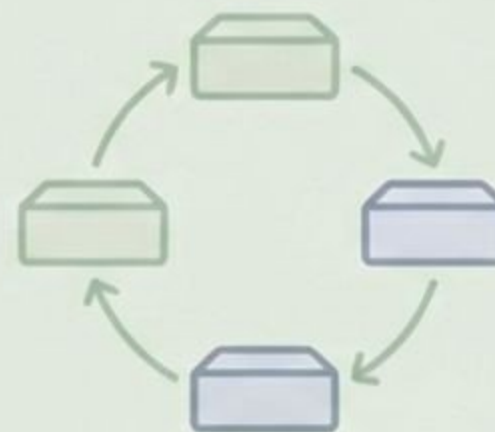
Features

Dual Methodologies for Continuous Operations



N+1 Redundancy

A surveillance solution containing an additional idle NVR server that is capable of handling the cameras when the primary NVR is unreachable.



N-to-N Redundancy

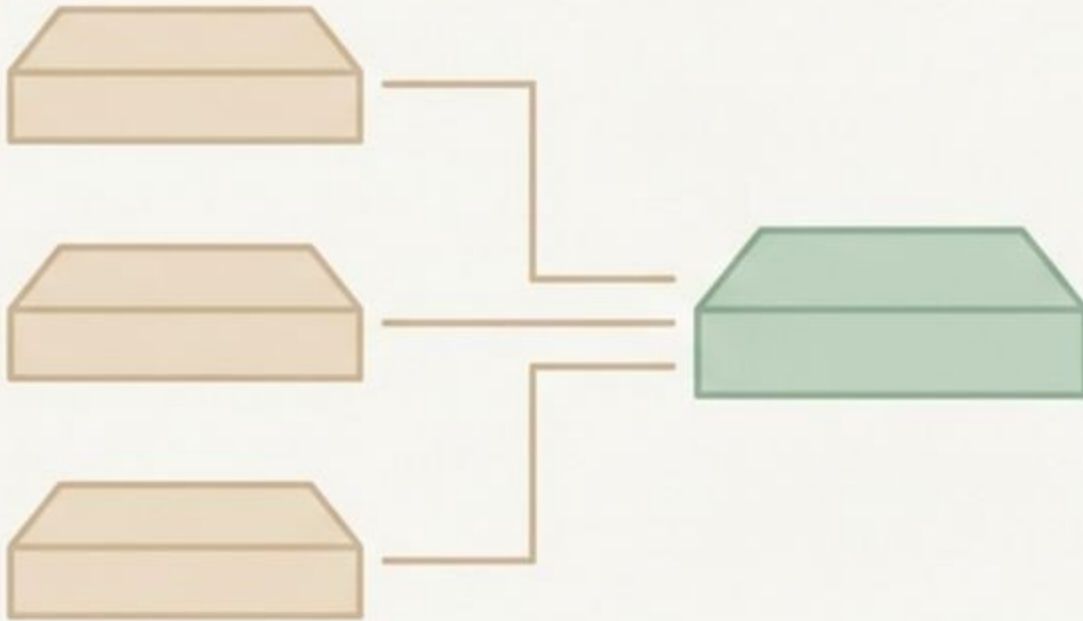
A surveillance solution containing a group of NVR servers that, in addition to their primary recording tasks, also help monitor each other and take over the recording task of the cameras of the unreachable NVR.

Architectures

Backend Configuration and Network Topologies

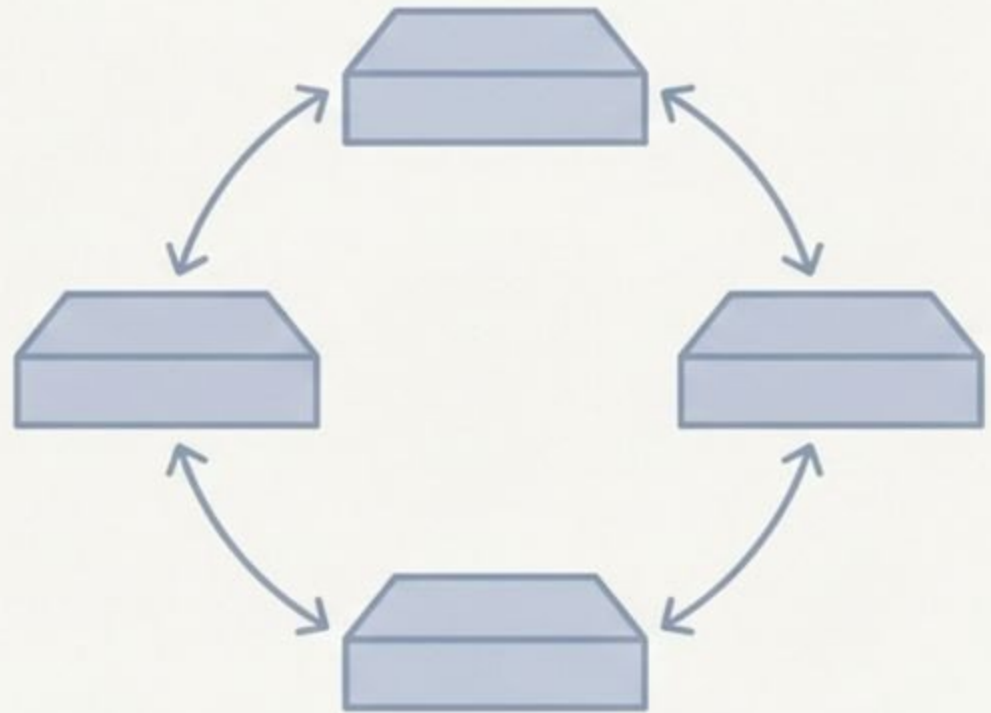
N+1 Topology

N Active Servers + 1 Idle Standby



N-to-N Topology

Active Server Cluster + Mutual Monitoring



Applications

High-Stakes Environments Demanding Zero Downtime



Banking &
Finance



City
Surveillance



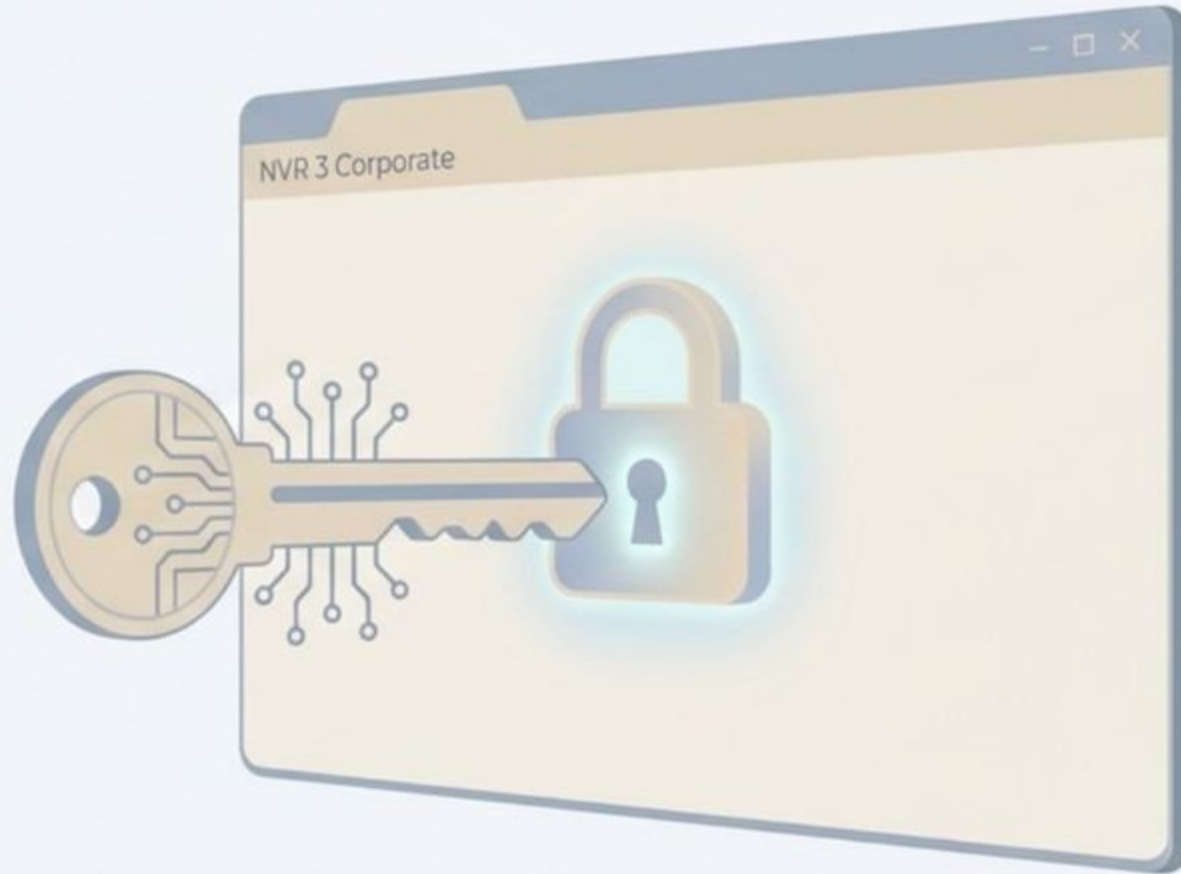
Casinos &
Gaming



Airports &
Transit Hubs

Solutions

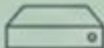
Native Integration and Licensing



- Designed for Windows-based NVR solutions.
- Works natively with NVR 3 Corporate.
- No additional software needed: Features are built-in and managed directly within the NVR 3 Corporate ecosystem.
- Requires only license activation to deploy redundancy parameters.

Product Introduction

Product Matrix

 Standalone NVR Series	 Software NVR Solutions
BNR-300	NVR 3 Business
GNR-350	NVR 3 Corporate
INR-401	
INR-406	
INR-407	
INR-413	
INR-415	
INR-416	
INR-417	
INR-418	
INR-490	
INR-930	
INR-960	
ZNR-431	

Product Introduction

Comparison



Standalone NVRs (BNR, GNR, INR, ZNR)

Turnkey, out-of-the-box hardware appliances optimized for dedicated enterprise capacity and immediate rackmount/desktop deployment.



Software NVRs (NVR 3 Corporate)

Highly flexible, scalable software-only solutions designed to be deployed on an integrator's existing Windows server infrastructure.

Summary

Key System Integrator Takeaways



Guarantees mission-critical protection against unpredictable server/network failures.



Offers flexible deployment architectures: N+1 (standby) and N-to-N (mutual monitoring).



Operates seamlessly with native integration in Windows-based NVR 3 Corporate.



Eliminates complex setups—features are built-in and unlocked purely via license.

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