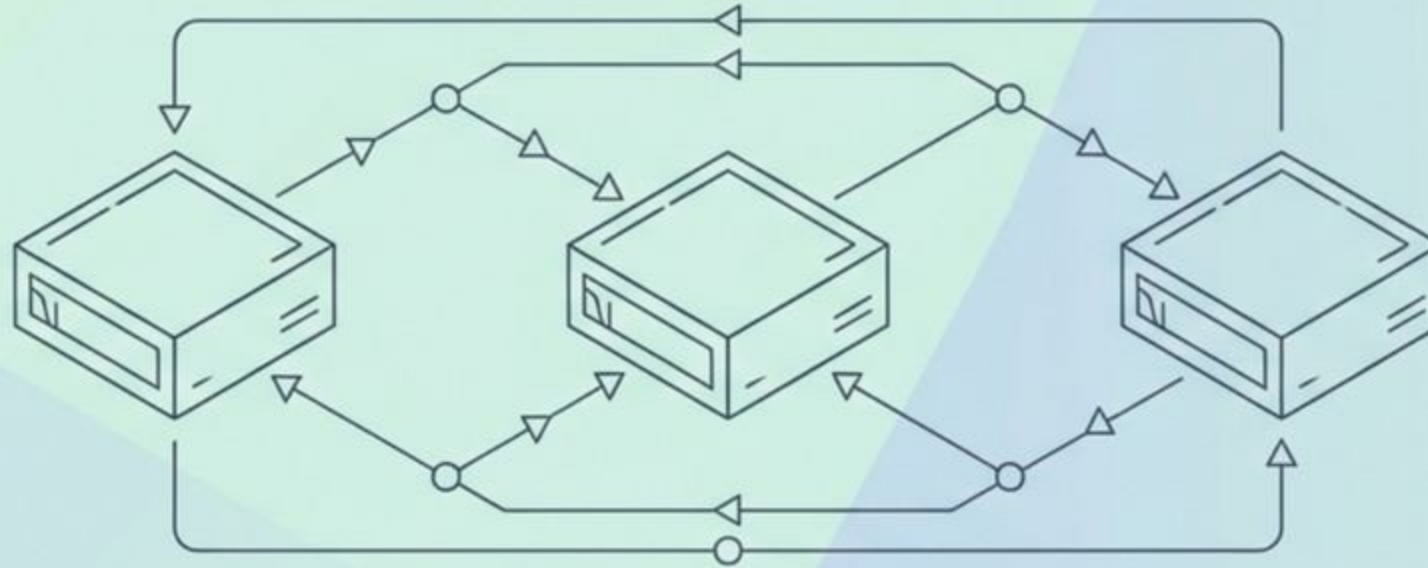


N+1 Redundancy

Mission-Critical Assurance and Zero-Downtime Surveillance Failover



Overview

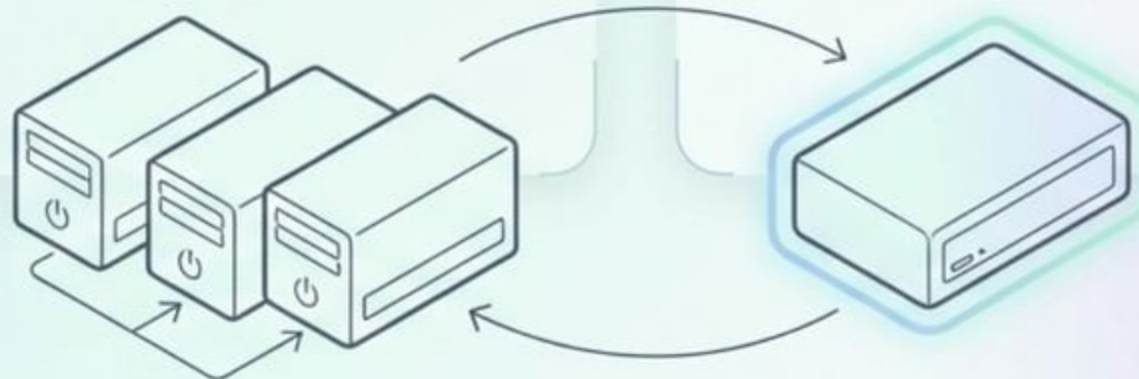
What is N+1 Redundancy and How Does it Work?

What is N+1 Redundancy?

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

How does it work?

An additional NVR 3 server is installed in the network. It stays idle, constantly watching over the other active NVR servers. If any original NVR becomes inaccessible, the redundancy server notices and immediately takes over camera management.



Features

Core Capabilities of ACTi N+1 Failover

1:16

Redundancy Ratio

One redundancy server can monitor up to 16 other NVR servers.



Immediate Takeover

Automatically notices inaccessible servers and immediately assumes original camera management.



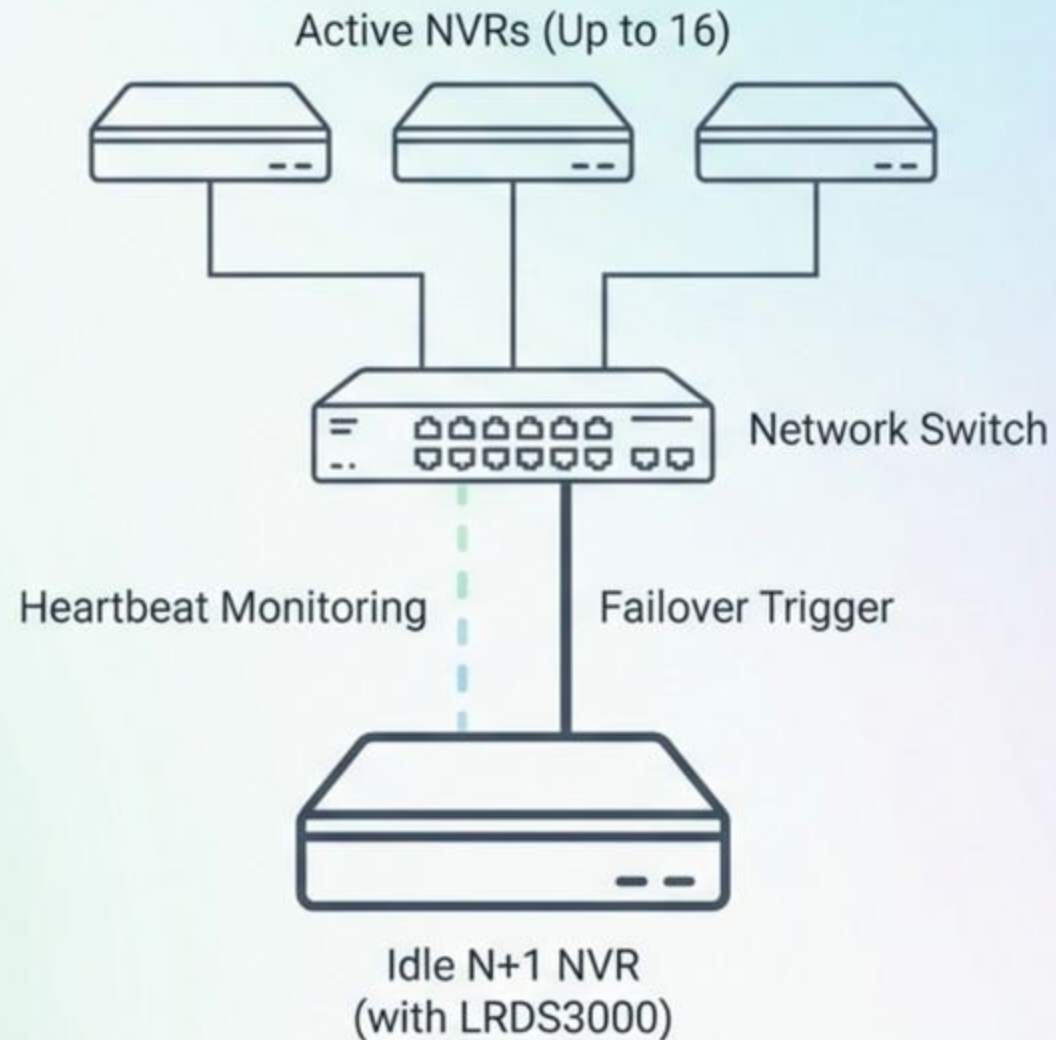
LRDS3000

License Activation

Requires the activation of specific redundancy service licenses in the idle NVR 3 server.

Architectures

Network Topology for High-Availability Surveillance



Applications

Essential Vertical Markets for Zero-Downtime Reliability



Enterprise & Corporate Campuses

Ensuring uninterrupted security across large-scale private facilities.



Financial Institutions

Protecting banking operations where camera downtime is a critical compliance failure.



City Surveillance

Maintaining continuous public safety monitoring across municipal grids.



Critical Infrastructure

Safeguarding power plants, transit hubs, and utilities against systemic blind spots.

Solutions

Native Software Integration with NVR 3 Corporate



Windows-Based Ecosystem

The redundancy service is designed specifically for Windows-based NVR solutions.

Native to NVR 3 Corporate

Works directly with NVR 3 Corporate out of the box.

Zero Additional Software

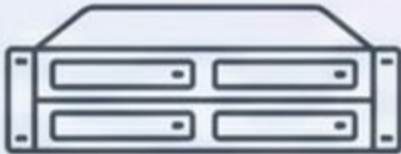
The NVR 3 Corporate software already contains all necessary features to manage server capacity and redundancy.

Simple Activation

Functionality is instantly unlocked simply by activating the redundancy licenses.

Product Introduction

Product Matrix

Software NVRs	Standalone / Rackmount NVRs	
 Scalable software-based architecture	  Hardware-optimized processing and dedicated drive bays	
NVR 3 Business NVR 3 Corporate	BNR-300 GNR-350 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

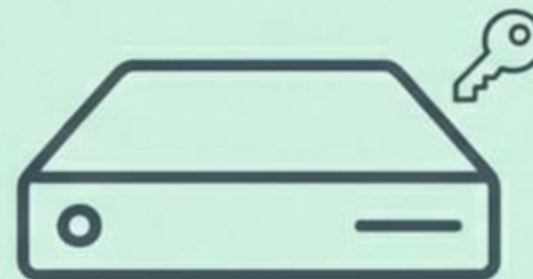
Comparison: Primary vs. Redundancy Roles

Primary Active Role



Can be fulfilled by standard hardware NVRs (BNR, GNR, INR, ZNR series) or NVR 3 Business/Corporate software managing the daily camera feeds.

Idle / Redundancy Role



Must be powered by NVR 3 Corporate (as the core Windows-based management solution) equipped with the LRDS3000 license to actively monitor up to 16 primary units.

Summary

The Value Proposition of N+1 Redundancy



- **Cost-Effective High Availability:** 1:16 ratio provides massive security coverage without the cost of 1:1 server duplication.
- **Seamless Continuity:** Automatic failover guarantees zero-downtime camera management.
- **Native Ecosystem:** Zero extra software required—fully integrated into NVR 3 Corporate via simple license activation.

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