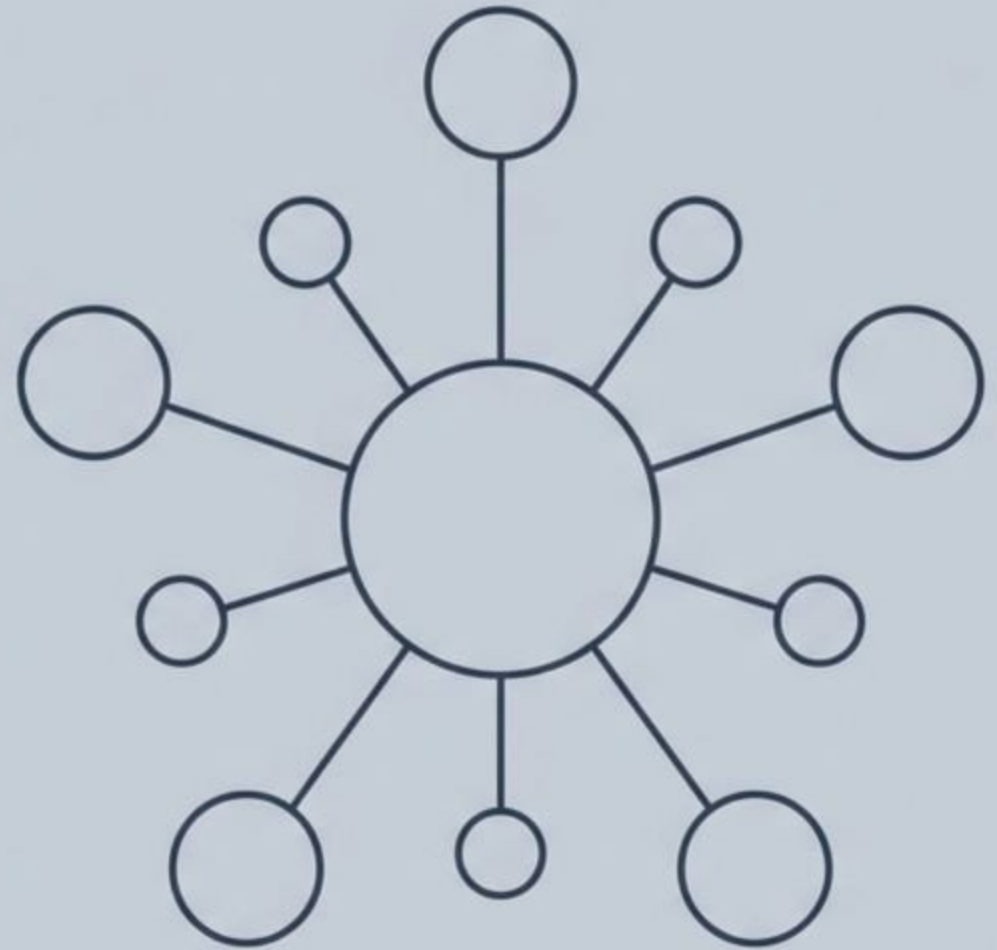


Centralized System Health Management



Overview

Proactive Monitoring for Mission-Critical Security



Centralized Monitoring Console

The Purpose

Operates as a centralized monitoring console that continuously tracks and evaluates the operational status of the surveillance ecosystem.

Ecosystem Integration

Seamlessly integrates with surveillance cameras, Network Video Recorders (NVRs), CMS servers, and TV wall servers. Provides a unified interface for administrators.

Proactive Defense

Detects performance degradations, device failures, and connectivity issues before they escalate into service outages.

Paramount for mission-critical deployments prioritizing uptime.

Features

Core Capabilities of System Health Management



Real-Time Monitoring & Alerts

Collects real-time telemetry via installed plug-ins. Automatically sends email notifications and generates operational tickets for rapid technical response.



Reporting, Visualization, & Analytics

Features robust visual dashboards and historical graphs. Transforms raw data into actionable insights for predictive maintenance and resource allocation.



Architecture & Scalability

Standalone health monitoring platform. Manages hundreds of NVR servers. Modular licensing requiring one LMAS5000 license per monitored server.

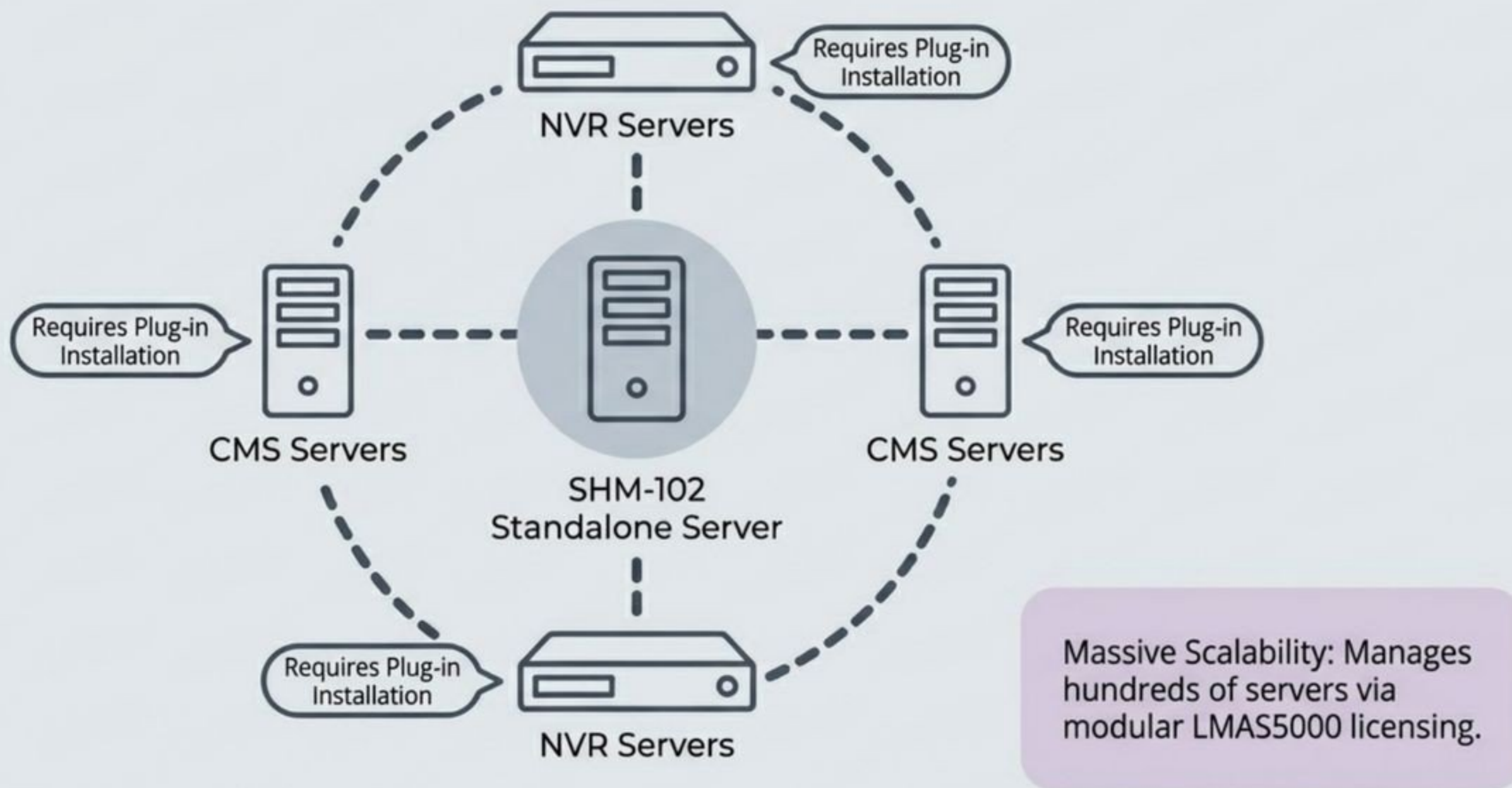


Integration with Broader System Management

Complements ACTi redundancy and backup systems. Ensures surveillance functionality survives power loss, network issues, or hardware degradation.

Architectures

Scalable Plug-in Integration Map



Applications

Operational Assurance Across Key Verticals



Transportation
Hubs



Campuses



Utilities



Retail Chains



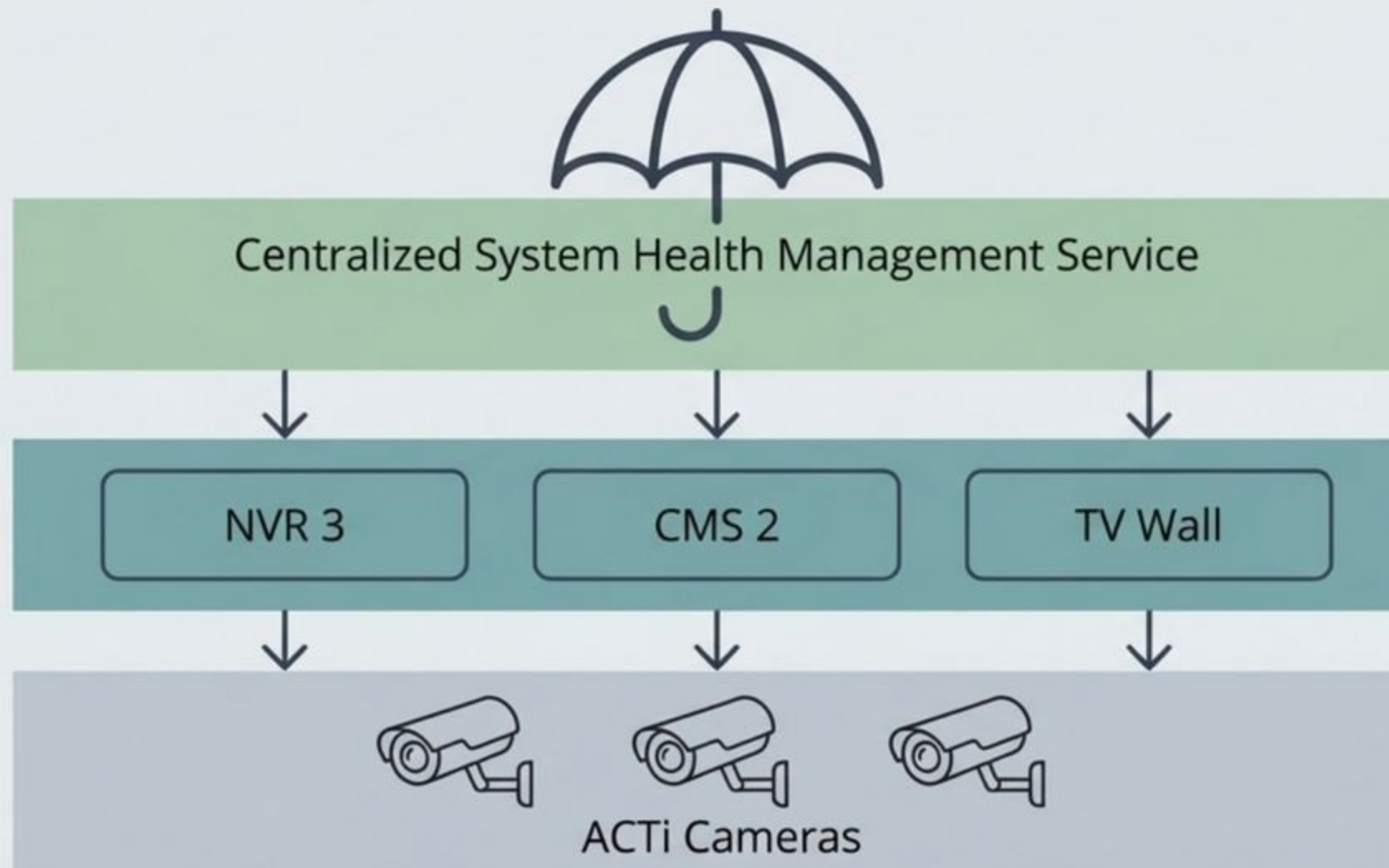
Critical
Infrastructure

Continuous operation without manual supervision.

- Proactively detect failures (storage capacity, server performance, network, device availability).
- Lower Mean Time To Repair (MTTR).
- Prevent missing video evidence to avoid compliance violations and financial loss.

Solutions

The ACTi Ecosystem Integration



High-Availability Ready:

Designed to work in tandem with system redundancy and backup servers.

Operational Continuity:

Maintains system integrity against power loss, hardware degradation, and network issues.

Product Introduction

System Health Management Modules



Model: SHM-102

Product Type: NVR / Server (Hardware)

Description: Standalone System Health Management Server.

Key Differentiator: Ready-to-deploy physical hardware appliance capable of aggregating telemetry from hundreds of connected nodes.



Model: System Health Management Server (Software)

Product Type: Server (Software)

Description: System Health Management Software.

Key Differentiator: Installable software package designed for integration into existing IT server infrastructure.

Product Matrix

Hardware and Software Solutions

Product Model	Product Type	Required Licensing
SHM-102	Standalone System Health Management Server	LMAS5000 (1 license per monitored server)
System Health Management Server	System Health Management Software	LMAS5000 (1 license per monitored server)

Comparison

Hardware Appliance vs. Software Deployment

SHM-102 Standalone Server

- ✓ Plug-and-play dedicated hardware appliance.
- ✓ Isolated compute resources (no impact on existing servers).
- ✓ Ideal for turnkey, large-scale distributed security networks.

System Health Management Software

- ✓ Software-only installation.
- ✓ Leverages end-user's existing server/VM infrastructure.
- ✓ Ideal for IT-heavy environments with existing centralized hardware.

Both solutions require the modular LMAS5000 license per monitored server and utilize the same centralized dashboard.

Summary

Five Pillars of Operational Assurance

1

Purpose & Context: Centralized surveillance device health monitoring for reliability.

2

Alerts & Monitoring: Real-time telemetrics and automated notifications to reduce service disruptions.

3

Analytics & Reporting: Graphs and historical data support maintenance planning.

4

Scalable Architecture: Standalone server model with plug-in-based monitoring and per-server licensing.

5

System Integration: Works with redundancy and backup systems to enhance resilience.

Contact Us

Partner with ACTi Today



Website: www.acti.com



Email: sales@acti.com



Phone: +886-2-2656-2588 /
+1-866-410-ACTi (2284)



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