

One Platform. Multiple NVRs/DVRs. Total Visibility.

Synchronize. Analyze. Act — All from a Single Interface.



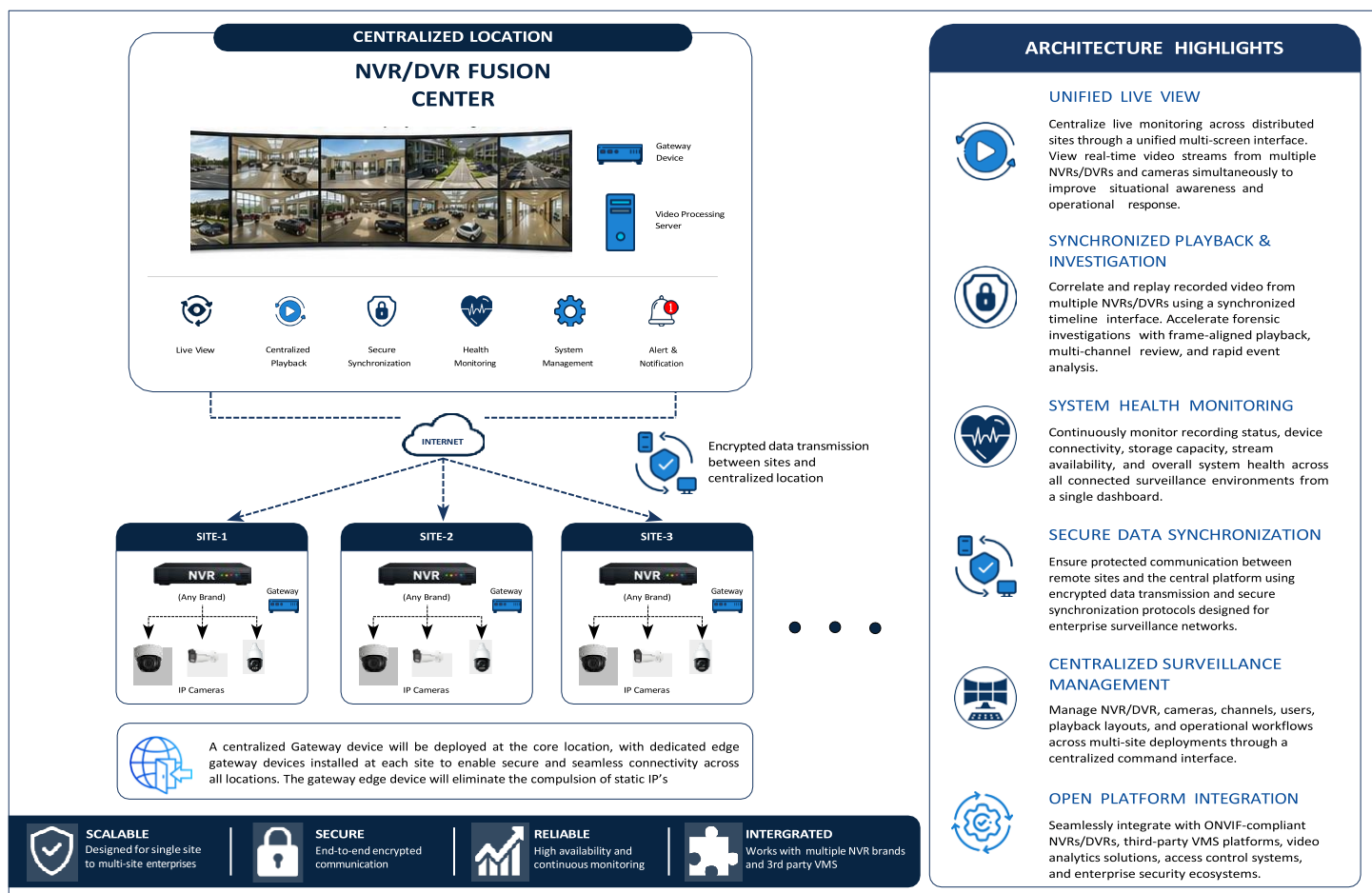
About ImageLink

ImageLink delivers enterprise-grade surveillance integration and centralized monitoring solutions designed for modern distributed security environments. The NVR/DVR Fusion Center enables organizations to unify multiple NVRs/DVRs platforms into a single operational ecosystem for live monitoring, synchronized playback, health monitoring, and centralized investigations.

Product Overview

The ImageLink NVR/DVR Fusion Center operates on a centralized client-server architecture designed to aggregate surveillance data, device management, and playback operations from multiple remote sites into a unified operational dashboard.

System Architecture



Core Capabilities

- Unified multi-site surveillance monitoring through a centralized command interface.
- Cross-NVR/DVR synchronized playback with timeline-based investigation workflows.
- Real-time system health monitoring and event visibility.
- Secure encrypted communication between distributed surveillance sites.
- ONVIF-compliant integration with leading NVR/DVR and VMS platforms.
- Scalable architecture supporting enterprise and critical infrastructure deployments.
- Multi-screen playback (1x1, 2x2, 4x4, 16x16).
- Timeline-based video navigation.

Technical Specifications

Technical Category	Details
Deployment Mode	On-Premises / Hybrid Deployment
Supported Platforms	Windows 10 / Windows 11
Framework	.NET Framework 4.8
Database	Microsoft SQL Server Express/ Standard/ Enterprise Version
Integration	ONVIF-Compliant NVR/DVR and Third-Party VMS Platforms
Security	End-to-End Encrypted Communications
Scalability	Supports Multi-Site & Enterprise Deployments
Monitoring	Centralized Health Monitoring & Alert Notifications
Hardware Requirement	Minimum 8GB RAM, CPU 8 Core, GPU Recommended

VPN Gateway Integration

VPN Gateway integration provides a secure link between remote surveillance sites and the central ImageLink Fusion Center. It avoids the need for static public IP addresses and ensures encrypted data transfer across all connected locations.

- Secure remote access for enterprise surveillance operations.
- Encrypted site-to-site communication.
- Simplified branch connectivity and network scalability.
- Improved privacy and protection of internal network topology.
- Optimized centralized access management.

Business Benefits

- Reduce investigation time through synchronized playback workflows.
- Improve operational visibility across distributed environments.
- Centralize monitoring, administration, and reporting.
- Enhance cybersecurity posture with encrypted communication.
- Support future expansion with scalable multi-site architecture.

Use Cases

- Enterprise Security
- Industrial Facilities
- Retail Chain
- Smart City