



## Vega Systems Inc.

*The Immune System for Video Infrastructure*



# HEALTHCARE

## Use Case Documentation

### Zero-Harm Environments

Video Security Solutions for Patient Safety, Drug Diversion Compliance, and Critical Care Continuity

Version 2.0 | February 2026



# Executive Summary

In healthcare, video security extends far beyond theft prevention. It encompasses patient safety, regulatory compliance, drug diversion monitoring, and the protection of vulnerable populations, including infants and behavioral health patients.

Medical centers face unique challenges: managing thousands of patients, staff, and visitors while protecting restricted areas like pharmacies and maternity wards. Any downtime in these critical zones creates immediate liability for malpractice, theft, and patient safety incidents.

## Healthcare Security Challenges

- 24/7 monitoring requirements for critical areas (maternity, pharmacy, behavioral health)
- HIPAA compliance and evidence preservation for investigations
- Drug diversion detection requiring reliable footage retention
- Code Pink (infant abduction) prevention with zero tolerance for video gaps
- Tele-medicine and remote triage requiring reliable video transmission
- Healthcare system growth through mergers requires VMS consolidation



## Maternity Ward & Pharmacy Protection

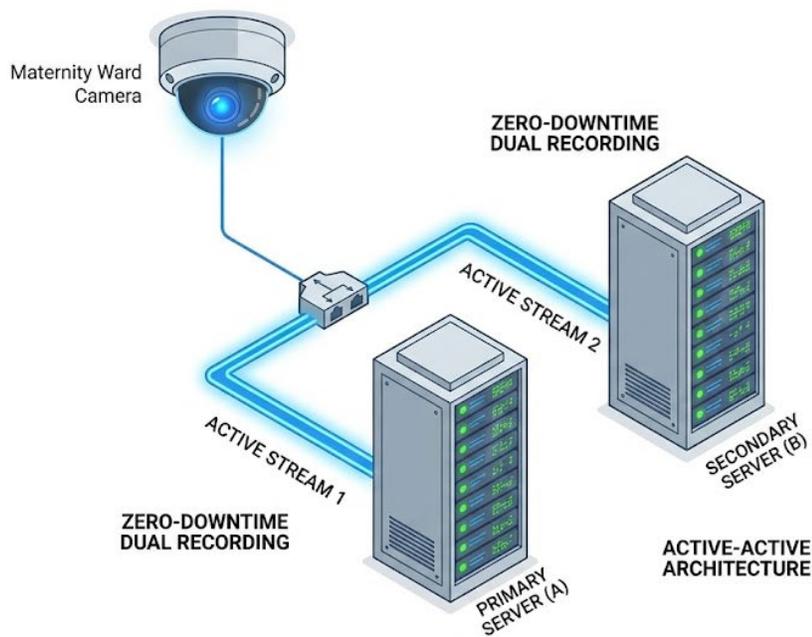
*Code Pink Prevention and Narcotic Security*

Powered by **Redundancy Management Framework (RMF)**

For Maternity Wards and Narcotic Storage areas, standard 99.9% uptime is insufficient. RMF provides Active-Active redundancy by maintaining redundant recording paths across two servers. When primary hardware fails, operations continue on the surviving system, helping to avoid recording gaps during critical incidents. Every camera streams independently to each data center, eliminating wait time to start servers or streams when one data center fails.

### Key Benefits:

- Zero recording gaps during hardware failures in critical zones
- Client-side intelligence for near-instantaneous live video recovery
- Active-Active architecture ensures both data centers are always operational
- Dual recording reduces missing footage during failure episodes
- Supports Code Pink infant protection system verification requirements





## Emergency Room & Behavioral Health

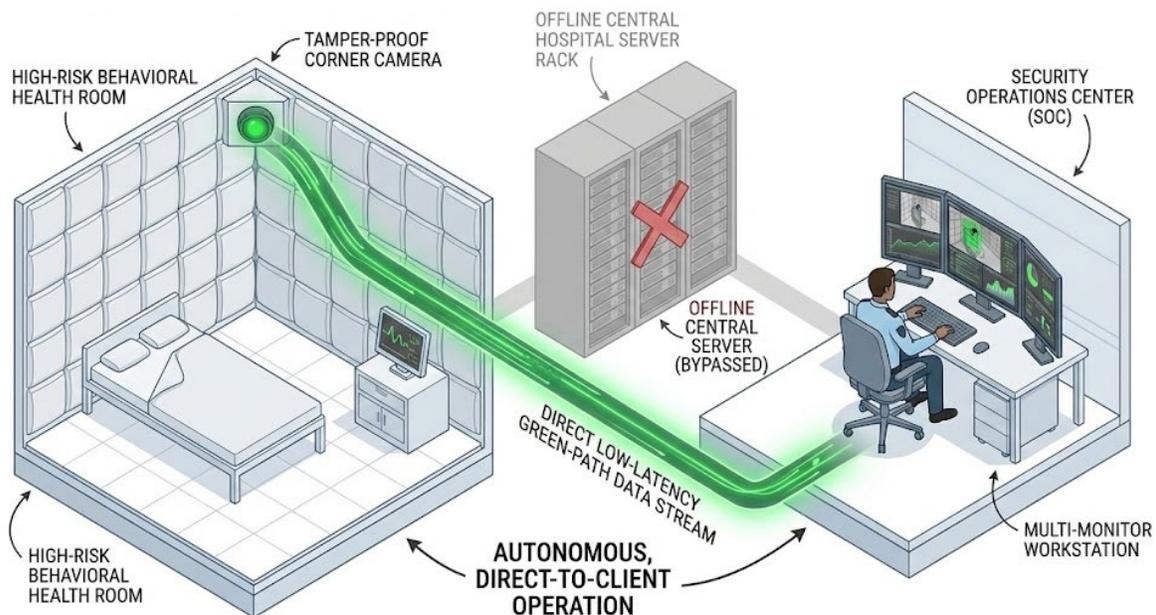
### Continuous Visibility in High-Risk Zones

Powered by **SureStream**

In high-risk areas such as the Emergency Room or Behavioral Health units, continuous visibility helps prevent escalation and protects both patients and staff. SureStream provides a failover playback path that allows operators to view live videos directly from cameras within the client, even when VMS services are unavailable due to maintenance, outages, or cyber incidents. This ensures that security teams maintain situational awareness regardless of the backend system's status.

#### Key Benefits:

- Direct camera access when VMS services are unavailable
- Maintains operator visibility during system maintenance windows
- Protects against cyber incidents that may disable VMS servers
- Reduces response time gaps in behavioral health emergencies
- Supports remote monitoring of high-risk patient areas





## Ambulance & Tele-Triage

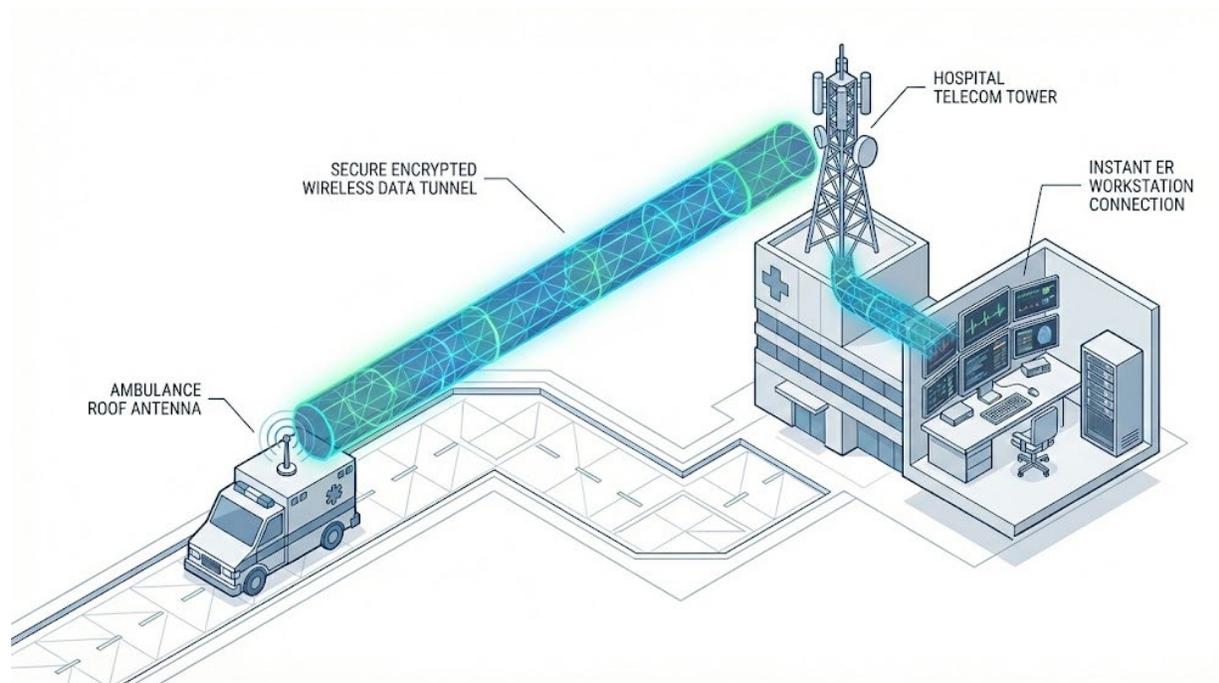
*Extending Hospital Vision to the Street*

Powered by **Atlas**

Extend the hospital's situational awareness to emergency vehicles in the field. Atlas software optimizes video transmission from moving ambulances over cellular networks. It provides a stable stream to ER physicians, enabling true Tele-Triage where doctors can prepare for patient arrival based on live visual data, not just radio reports. This improves patient outcomes by reducing preparation time and enabling better resource allocation before the ambulance arrives.

### Key Benefits:

- Optimized video transmission over cellular networks
- Stable streaming from moving vehicles
- Enables physicians to visually assess patients before arrival
- Improves trauma team preparation and resource allocation
- Reduces time-to-treatment for critical patients





## Drug Diversion & HIPAA Compliance

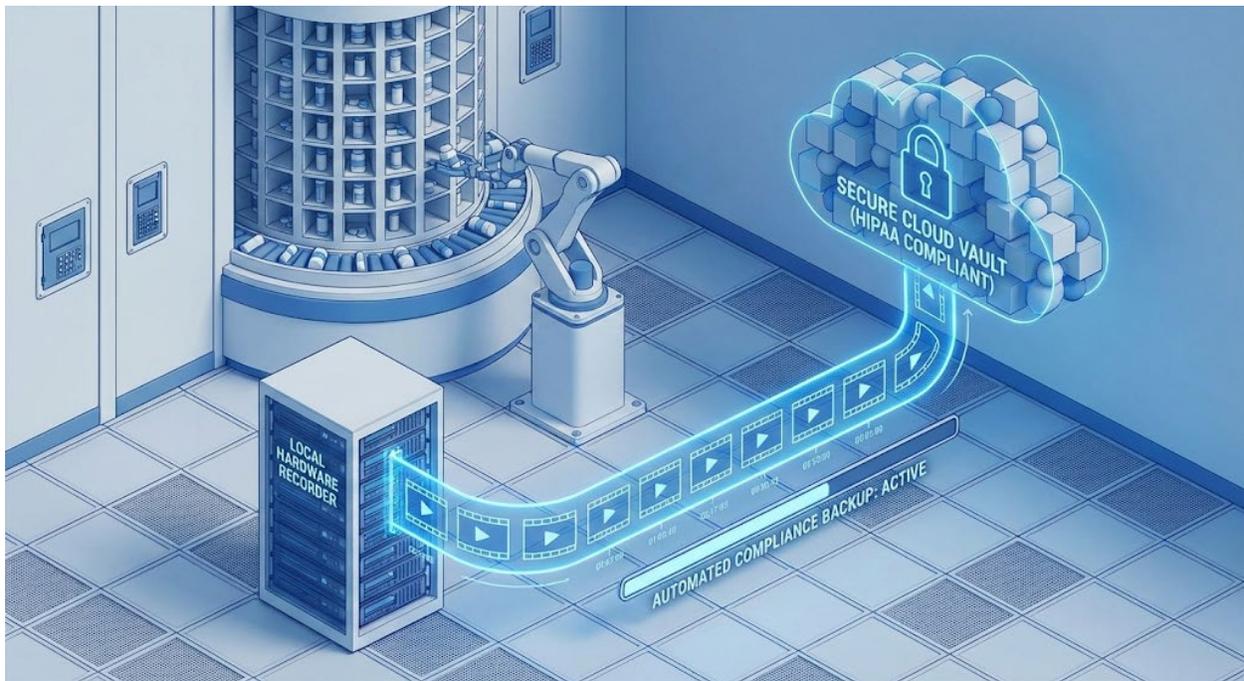
### *Evidence Preservation for Investigations*

Powered by **Nidhi**

Drug diversion investigations depend on reliable video evidence. Nidhi protects against recorder failures and disk failures by maintaining a recoverable copy of critical video in a secondary storage location, whether cloud-based or on-premises. When primary hardware fails, Nidhi enables footage recovery, allowing investigations to proceed without being hindered by missing evidence. This supports compliance with DEA regulations and internal pharmacy controls.

#### **Key Benefits:**

- Secondary storage protection against hardware failures
- Supports cloud or on-premises backup configurations
- Enables footage recovery for compliance investigations
- Protects the evidence chain for DEA and regulatory audits
- Reduces liability from missing surveillance footage





## Healthcare System Mergers & Acquisitions

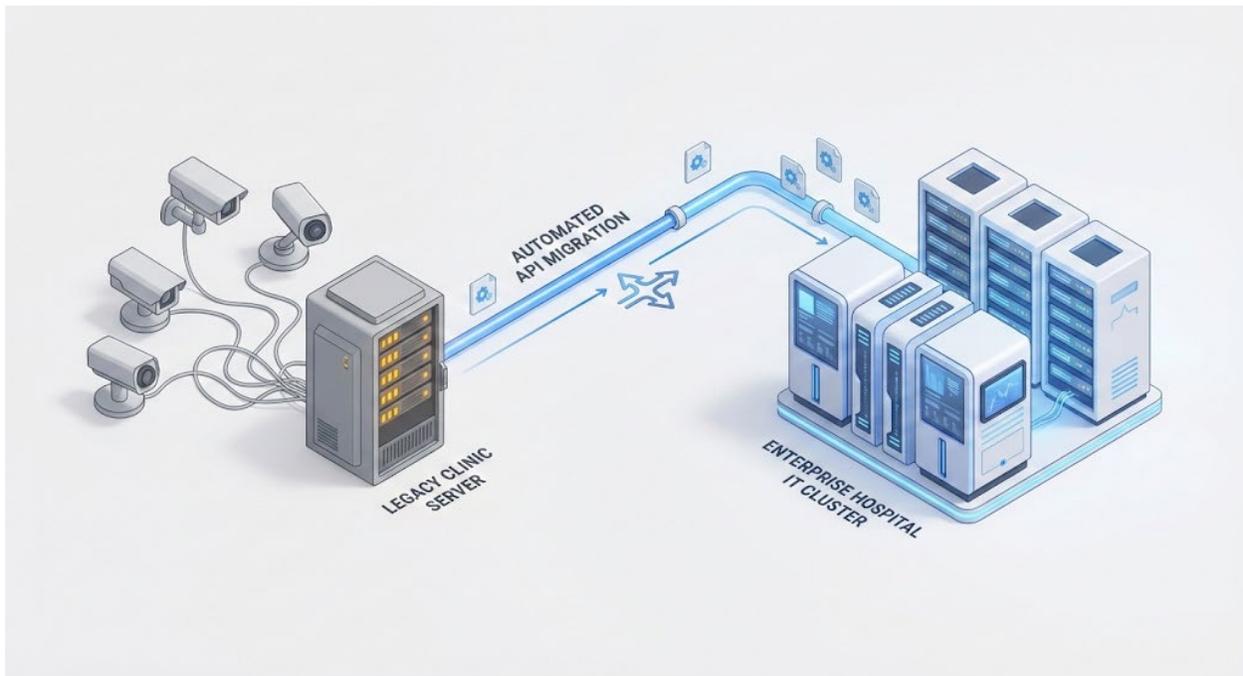
*VMS Integration and Consolidation*

Powered by **XPort**

Healthcare systems frequently grow through acquisition, inheriting diverse security infrastructure that must be consolidated. XPort serves as your integration engine, simplifying the complex task of migrating newly acquired facility cameras into your central VMS standard. It handles bulk transfer of devices, configurations, user roles, and views, allowing security operations to unify in days rather than months. This reduces integration costs by up to 60% compared with manual migration.

### **Key Benefits:**

- Automated migration of devices, configurations, and user roles
- Reduces migration costs by up to 60%
- Consolidates multiple XProtect deployments into unified systems
- Preserves existing views, PTZ presets, and privacy masking
- Enables security standardization across acquired facilities





# Vega Product Suite for Healthcare

Vega Systems provides a comprehensive suite of video infrastructure solutions designed to meet the unique demands of healthcare environments:

Product	Healthcare Application
<b>RMF</b>	Active-Active redundancy for critical areas (Maternity, Pharmacy, OR)
<b>SureStream</b>	Failover playback for ER and Behavioral Health continuous monitoring
<b>Atlas</b>	Cellular video optimization for Ambulance Tele-Triage
<b>Nidhi</b>	Video backup for Drug Diversion investigations and HIPAA compliance
<b>XPort</b>	VMS migration and consolidation for healthcare M&A



# Contact Us

Ready to enhance your healthcare facility's video security infrastructure?



## Vega Systems Inc.

*The Immune System for Video Infrastructure*

Email: [info@vega25.com](mailto:info@vega25.com)

Phone: **+1-669-256-2357**

Website: <https://vega25.com>

**Address:**

6203 San Ignacio Avenue Suite 110  
PMB # 1319 San Jose, CA 95119

**Request a demo to see how Vega solutions can protect your healthcare facility.**

© 2026 Vega Systems Inc. All Rights Reserved.  
Specifications are subject to change without notice.

All trademarks are the property of their respective owners.