

Managing and Storing Video Surveillance Data with Network Optix and Wasabi

Overview

Network Optix helps businesses create custom, cutting-edge, full-stack IP video management solutions for any application. Whether using Nx Witness video management software (VMS) to create customized surveillance solutions or building a white-label video-powered solution with Nx Enterprise Video Operating System (EVOS), you have the tools you need to successfully manage and mitigate risk in real time.

Extending Video into the Cloud

With a growing number of video feeds and higher resolutions, managing, storing, and protecting video data is becoming more important than ever. Network Optix's powerful Nx Witness VMS brings together any number of cameras into a single viewpoint with an open platform.

Users can extend on-prem storage limitations into Wasabi's cloud instantly without any additional hardware or system downtime required.

Network Optix and Wasabi worked with a system development firm to develop a unique cloud bridge software allowing Nx Witness VMS users to offload video data easily from new or existing on-prem storage into Wasabi's cloud.

Improving Total Cost of Ownership with Cloud Storage

The Network Optix and Wasabi solution improves the total cost of ownership of any surveillance deployment.

With the newly developed, simple, yet secure cloud bridge plugin software, users can connect new and existing Nx Witness deployments to Wasabi Object Storage at no additional cost. Organizations can download the free, software-only plugin, configure Nx Witness, select Wasabi as the storage location, and immediately begin storing video data into Wasabi's cloud.

Wasabi Object Storage has a single-tier, per-terabyte pricing structure offering predictable and affordable storage costs. Video stored within Wasabi's cloud is instantly accessible within the Nx Witness user interface from anywhere, at any time.

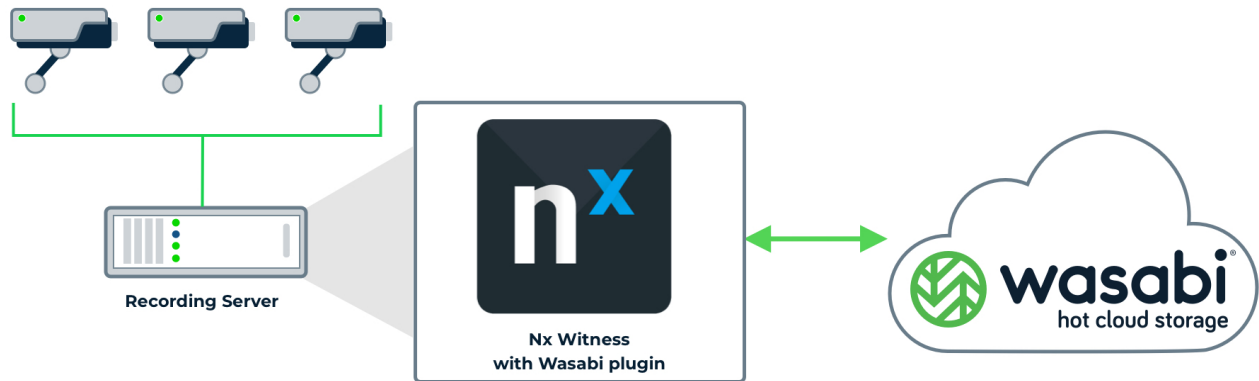
With no fees charged for egress or API requests, users can reduce initial deployment costs and ongoing maintenance costs leaving additional budget to invest in new or additional technologies.

KEY FEATURES

- Open platform for easy integration with new and existing hardware and software
- Free cloud bridge plugin download
- Endless storage extension into Wasabi's cloud
- Instant access to stored data directly within Nx interface

BENEFITS

- Easily and securely access, locate, lock, and export recordings from anywhere
- Reduce installation time and costs with intuitive technologies that work together
- Reduced total cost of ownership with predictable video management and data storage costs



Safeguarding Video Data Every Step of the Way

Storing data is only half the battle – storing it securely is another challenge. The Network Optix and Wasabi solution offers the industry's strongest cybersecurity measures helping to meet regional- and industry-specific regulatory standards.

Nx Witness VMS employs stringent security measures, including default or optional encryption of management traffic, server-camera data exchange, and user logins, using SSL/TLS AES-256 and SCrypt technologies. It ensures communication and data protection, complemented by HTTPS and HTTP Cookie Sessions.

As a SOC 2, Type 2 compliant system, Nx Witness and Wasabi Object Storage undergoes rigorous code reviews and automated testing to eliminate potential vulnerabilities making it highly secure against unauthorized access ensuring data integrity and privacy.

Video data stored in Wasabi's fully secure and redundant data centers is protected under and ISO 27001 compliance. All communications with Wasabi are transmitted over SSL (HTTPS) to protect data in transit and at rest. Wasabi provides eleven nines (99.99999999%) of object durability protecting data against disk failures and media errors with optional data immutability that guarantees stored video files cannot be deleted or modified for a predetermined length of time.

About Network Optix

Network Optix (Nx) is a powerhouse in video software development, dedicated to empowering the creation of video-based solutions and products capable of turning video into a source of actionable data and operational intelligence.

ABOUT WASABI

Wasabi provides simple and affordable hot cloud storage for businesses all over the world. It enables organizations to store and instantly access an unlimited amount of data with no complex tiers or egress or API fees, delivering predictable costs that save money and industry leading security and performance businesses can count on. Trusted by customers worldwide, Wasabi has been recognized as one of technology's fastest-growing and most visionary companies. Created by Carbonite co-founders and cloud storage pioneers David Friend and Jeff Flowers, Wasabi is a privately held company based in Boston. Wasabi is a Proud Partner of the Boston Red Sox, and the Official Cloud Storage Partner of Liverpool Football Club and the Boston Bruins.

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