



Nx Witness

VIDEO MANAGEMENT SOFTWARE



Get To Know Nx Witness
5.0

4

Components of an Nx Witness System

Cloud

A cloud-based service that enables simple, centralized remote access and insight into any Nx Witness System.

Desktop

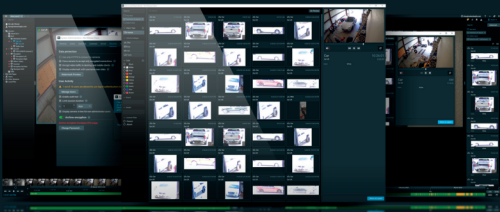
A rich media player with a flexible GRID interface designed for connecting to and managing an Nx Witness System.

Server

A powerful, lightweight media server designed to discover, add, and manage system devices and resources.

Mobile

A mobile application for iOS and Android devices designed for remote viewing and control of an Nx Witness System.



Developer Tools

- Video Source SDK
- Storage SDK (C++)
- Server API (Rest API)
- Metadata SDK
- 3rd Party Video Devices
- 3rd Party I/O Devices
- 3rd Party Storage

The **Metadata SDK** allows developers and tech partners to create installable Plugins for Nx Witness which run on the Nx Server application to create tight, and seamless integrations.

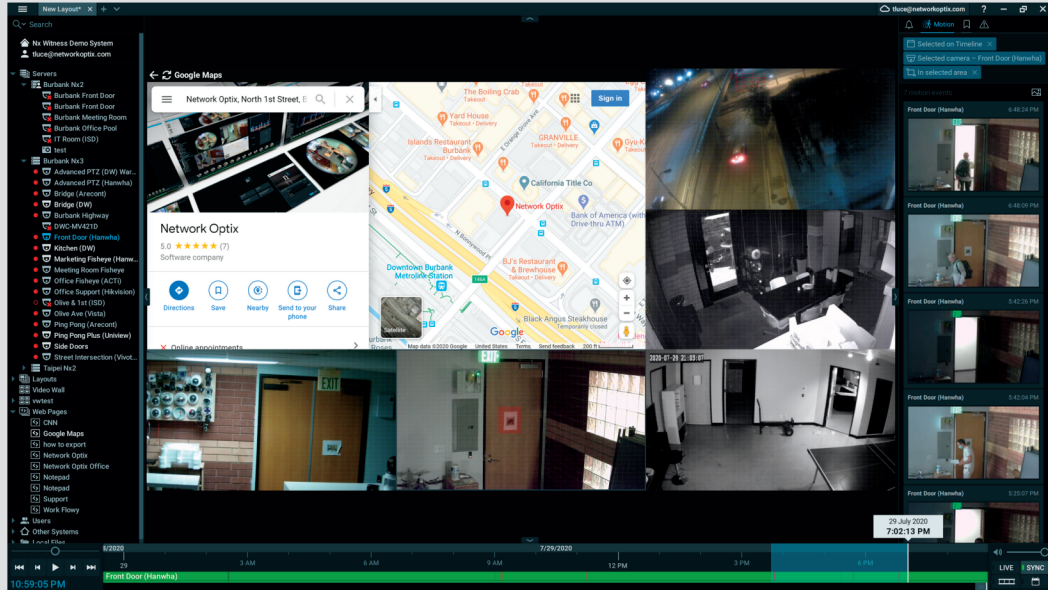
The **Metadata SDK** is focused on bringing object metadata from 3rd party systems - like Face Recognition, Retail Analytics, License Plate Recognition, etc. - to enhance both real-time system intelligence and post-event, post-capture video search and review.



Nx Witness

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Nx Witness is an open, extensible IP Video Management System with Cloud, Desktop, Mobile, and Server applications.



Built For Users

New users can install, configure, and administer systems with little to no training.

Extremely Dependable

Server Hive Architecture = automatic camera failover and no single point of failure.

Customizable

Individual users can customize their experience with personal layouts and backgrounds.

Supports 99% of Cameras

IP Cameras, USB Webcams, RTSP/HTTP/UDP Streams, and even offline video and image files.

Integrate Anything

Suite of FREE Developer tools including: RESTful API and SDK's that anyone can assess and use.

Saves Money

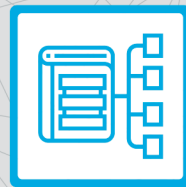
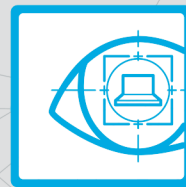
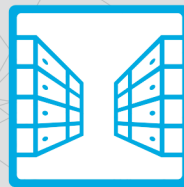
No annual support fees, free upgrades, little-to-no maintenance, low hardware costs.

Cross Platform

Windows, Mac, Linux, Virtual Machines, Docker, ARM, iOS and Android browsers.

Fast- Even on Standard Hardware

Speed and responsiveness driven by: good code, adaptive scaling, and Intel Quicksync.



Nx Witness is FREE for live streaming. To try recording cameras activate a FREE 30 Day Trial for 4 cameras.

for more information visit:

www.NetworkOptix.com

Real Customers.
Really Good Results.



Case Studies

Department of Foreign Trade

Thailand

- Thailand's Department of Foreign Trade needed to design, and build a server room for command and control of the entire CCTV operation.
- The Nx Witness VMS Motion Detection and Smart Motion Search features allowed for swift discovery of critical events.
- Nx Witness VMS' user-friendly interface allowed effortless transition for security personnel.
- Nx Witness VMS allowed operators to create single-server systems which led to simplified cabling and reduced network costs.

Porsche Showcase & Service Center

Taiwan

- Taiwan Porsche needed an IP Video System capable of integrating Access Control, License Plate Recognition, and Facial Recognition systems into one seamless, simple-to-use interface.
- Nx Witness VMS features like Fisheye Camera Dewarping, Forensic Zooming and Advanced PTZ Controls gave managers the ability to monitor and control daily operations from one fully integrated user interface.
- Nx Witness VMS video analytics capabilities allowed managers to provide uniquely personalized luxury service to their clientele base.

Amata B. Grimm Power Plant

Thailand

- Amata B. Grimm Power Plant managers needed to easily manage and control their security system in order to ensure the safety of both the facility and the people performing daily operations.
- Nx Witness VMS features like Fisheye Camera Dewarping, Forensic Zooming and Advanced PTZ controls gave power plant managers the ability to easily manage, control, and analyze their video for viewing and archives from one unified interface.
- The stability and reliability of NX Witness provided the needed VM platform for complete monitoring compliance in a demanding environment.

Australia Fair Shopping Mall

Australia

- The Australia Fair had an outdated analog system in place which made it difficult for management to monitor the 59,540 square meters (640,900 sq ft.) spanning mall, which welcomes thousands of visitors daily.
- Nx Witness VMS allowed management to easily manage and monitor In-Camera Analytics, Custom Camera ID, and Archive Integrity Check across the site for redundancy, reliability, and connectivity.
- Nx Witness VMS made it easier to detect camera issues and alert operators in real-time to apply a fix.

Samui Smart City Command Center

Thailand

- The Samui City Command Center needed an IP Video surveillance system that could make searching for video based on time, events, or extended metadata simpler and faster.
- Nx Witness VMS gave them the ability to quickly search a large amount of recorded archives in seconds using features like Smart Motion Search, Events Based Search, Bookmarks, and the ability to combine Nx Witness with in-camera and server-based analytics to identify objects and search based on associated metadata.
- The Nx Witness Rules Engine allowed operators to create rules to alert operators of critical events in real-time, allowing for faster response to incidents.

ADNOC Schools

United Arab Emirates

- ADNOC Schools needed a VMS capable of effectively monitoring 4 campus sites, each in a different city, with separate control centers and over 500 cameras.
- The Nx Witness VMS Showreel feature provided guards with uncluttered Video Wall overviews and customized access and layout control.
- Nx Witness VMS features like Motion Smart Search, Thumbnails and Bookmark functions gave operators an easy-to-use search and playback capability.

View More Case Studies at: www.NetworkOptix.com/Case-Studies