



Nx EVOS

Nx Enterprise Video Operating System is a versatile platform designed for the rapid development and seamless deployment of intelligent video solutions.

5 Components of an Nx EVOS System

Nx Toolkit

Nx Toolkit, formerly known as Nx Developer Tools, is a component of Nx EVOS, designed for developers to rapidly create customized, enterprise-grade intelligent video solutions.

Nx Desktop Client

A powerful desktop application available for Windows, Linux, and macOS, featuring an extensive suite of powerful features and tools designed to enhance your workflow and operations.

Nx Cloud

Access your systems from anywhere, at any time, with a secure web-based portal. Manage your surveillance systems remotely with complete control and oversight.

Nx Server

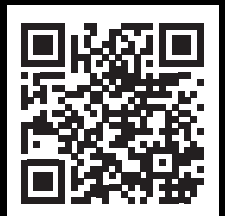
The backbone of Nx EVOS, designed to be highly efficient and scalable. Our server application supports a wide range of hardware, ensuring reliable and uninterrupted performance across all deployments, from small and simple to large and complex.

Nx Mobile

Stay connected on the go with our mobile apps for iOS and Android. Monitor live feeds, review recorded footage, and receive instant alerts directly on your mobile device, no matter where you are.



scan for more
information ↓



Enterprise Video Operating System

FEATURES

Automatically Discover 99% of IP Cameras

Nx EVOS supports almost all IP cameras (ONVIF or other) out of the box.

Snappy Video Playback and Management

Nx EVOS's Desktop, Browser, and Mobile clients for fast review, control, and playback of live or recorded video with low-latency and no need for expensive GPUs.

Advanced Rules Engine

Nx EVOS has a built-in IFTT rules engine that allows operators to create rules for automatically responding to system events with actions.

Connect From Anywhere

The Nx EVOS Cloud service makes it simple to connect to your Systems from anywhere, anytime, over any type of network from Desktop, Tablet, or Mobile devices.

Redundancy with Server Hive

Nx EVOS's unique Server Hive Architecture means your system will have no single point of failure with built-in automatic camera failover.

Reliable Video Recording

Schedule recording of any connected IP Camera, RTSP/HTTP/UDP stream, or even offline capture device.

for more information ↘ www.Networkoptix.com



Nx TOOLKIT [FORMERLY KNOWN AS Nx DEVELOPER TOOLS] **IS A COMPONENT OF Nx EVOS, DESIGNED FOR DEVELOPERS TO RAPIDLY CREATE CUSTOMIZED, ENTERPRISE-GRADE INTELLIGENT VIDEO SOLUTIONS.**

Nx AI Manager

A universal model pipeline that optimizes any AI model to run on any accelerator with customizable pre- and post-processing configuration.

Metadata SDK

A low-level SDK to store AI manager inferences (and other data) and seamlessly synchronize them with the video streams.

Video Source SDK

Enables integration of any video source (live or archived) into the system.

Storage SDK: Enables the integration of 3rd party hardware and software-based storage solutions.

HTTP Server API

An open, comprehensively documented RESTful HTTP Server API that provides developers the ability to access nearly every feature available in the system's thick client.

Nx Connect API

A single system to manage your resellers and installers, manage licenses to your software, and ensure appropriate billing.

Nx Cloud API

A key part of our product stack that makes it simple to connect and manage systems from anywhere, anytime.

Open-Source Client

A fully open-source client that is publicly available for developers to modify to their specific application.

The most complete, cross platform, SDK to develop Video + AI solutions.

For AI Accelerator Chip and SoC Makers:

Nx Toolkit integrates the specific AI chip conversion toolchain and runtime, such that AI developers experience native performance when building any video + AI application using Nx Toolkit. AI Chip makers can use the Nx Toolkit logo and ensure adoption of their hardware through:

- A Production-ready software ecosystem
- A community of creators
- Standardized toolchain and runtime integration
- No R&D cost and time spent on software tools
- Faster chip adoption and customer scale
- Broad device manufacturer support

For AI Developers, Data Scientists, and Consultants:

AI Developers can develop and deploy robust end-to-end video + AI applications across all common AI architectures using Nx Toolkit.

Nx Toolkit reduces development time and cost, leading to faster AI solution monetization. Using Nx Toolkit, AI developers benefit from:

- A standardized cross-AI-architecture software toolkit
- Feature-rich, enterprise-scale, robust, secure, and stable
- AI chip & device-optimized video decode and interference
- Reduced deployment time and cost
- Recurring revenue instant monetization

For AI Device Manufacturers:

Device manufacturers can include the Nx Toolkit in their device development kit, such that AI developers can easily and quickly build solutions. The Nx AI Toolkit can be fully white-labeled and rebranded. Device manufacturers can use the "Nx AI Toolkit" logo.

- Offer an OEM-able software package
- Include a production-ready software ecosystem
- Tap into a community of creators
- Capture increased value from customers
- Increase customer loyalty
- Generate recurring revenue

For AI Model Platforms:

AI Developers can easily use model training tools or pre-trained models from AI model platform partners through the Nx Toolkit. Model platforms can promote their tools and models on the Nx Toolkit cloud and by using the "Nx Toolkit" logo. AI model partners benefit from Nx Toolkit through:

- Access to a community of creators
- Integration in a feature-rich end-to-end video software
- Standardized model definition and output
- Rapid growth of models and training tool users
- Broad scale device manufacturer support
- Generation of recurring revenue for instant monetization