

The logo for the 2024 Embedded VISION Summit is centered within a white octagonal shape. The octagon is surrounded by a colorful, multi-layered geometric border composed of overlapping triangles in shades of purple, blue, green, yellow, and orange. The text inside the octagon reads "2024 embedded VISION SUMMIT" in a sans-serif font. "2024" is in a smaller size, "embedded" is in a medium size, "VISION" is in a large, bold font with a blue-to-orange gradient, and "SUMMIT" is in a smaller size with a registered trademark symbol.

2024
embedded
VISION
SUMMIT®

Nx EVOS

An Enterprise Video Operating System for Automating Everything

Nathan Wheeler
Founder, & CEO
Network Optix

Commonly known and understood Operating Systems:

Computer OS
Organizational OS

“The term "operating system" can refer to two main things. In the world of computers, it's the software that manages hardware and programs. But organizations also have operating systems, which are the processes and structures that guide how a company functions.”
–Enterprise OS LLM

Traditional OS

Personal Computers



An Organizational OS is not a Singular tech

Enterprise Core Data/Comms OS



Organizational OS



Computer Vision is changing the nature of **Organizational Operating Systems**

“If you can see it—you can organize it,
automate it, and manage it” -Me

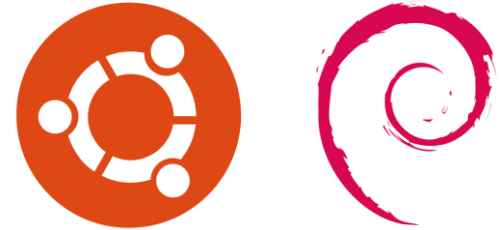
Developing an Org OS from Computer Vision

Enterprise Core Data/Comms OS



vs

Edge OS



Enter EVOS

Enterprise Core Data/Comms OS



Edge OS



The needs of an EVOS...

Device discovery

Streaming optimization

Cross platform

Security

Archive / Storage

AI pipelines

User management

Standards

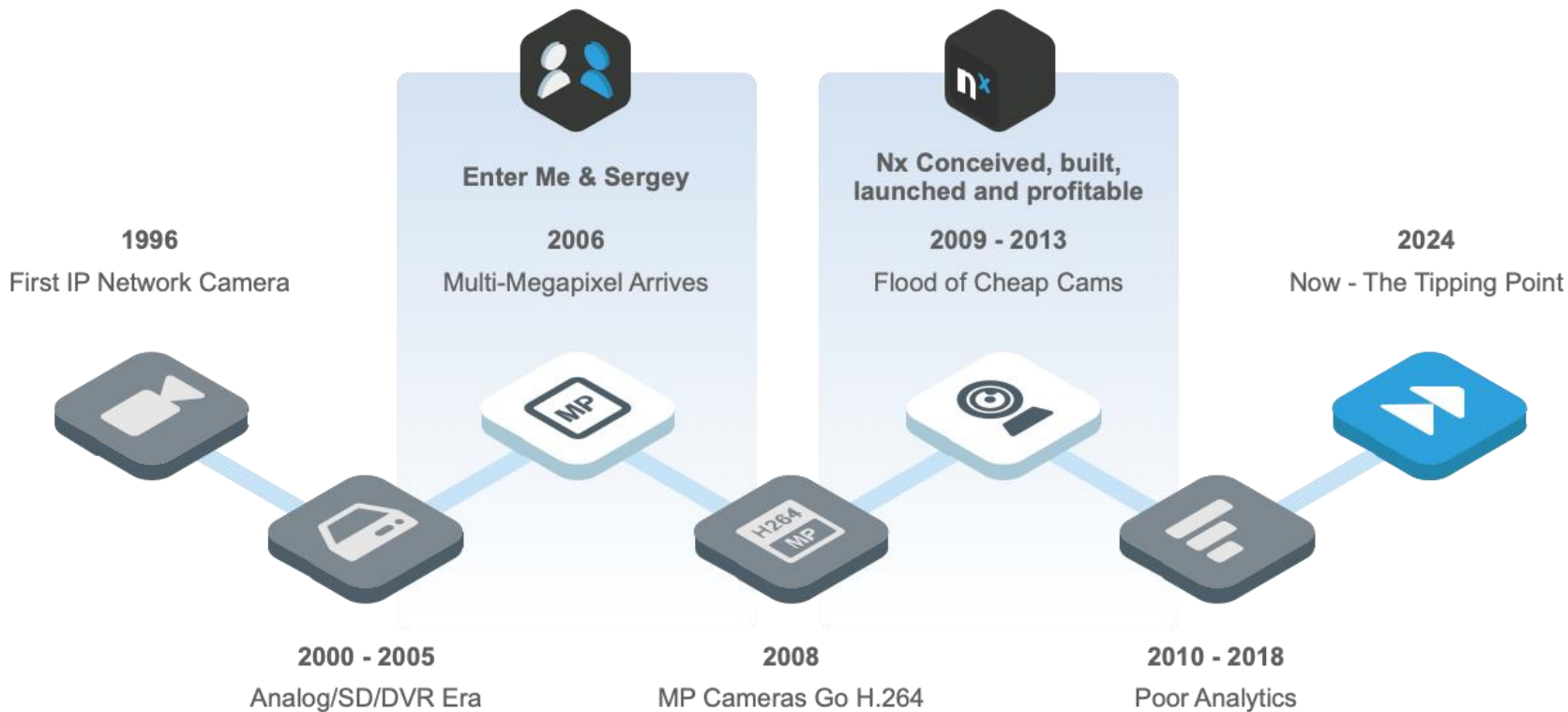
Toolkit

Marketplace

Why we created

Nx EVOS

Enterprise IP Video Evolutionary Timeline



Globally Proven Video Platform

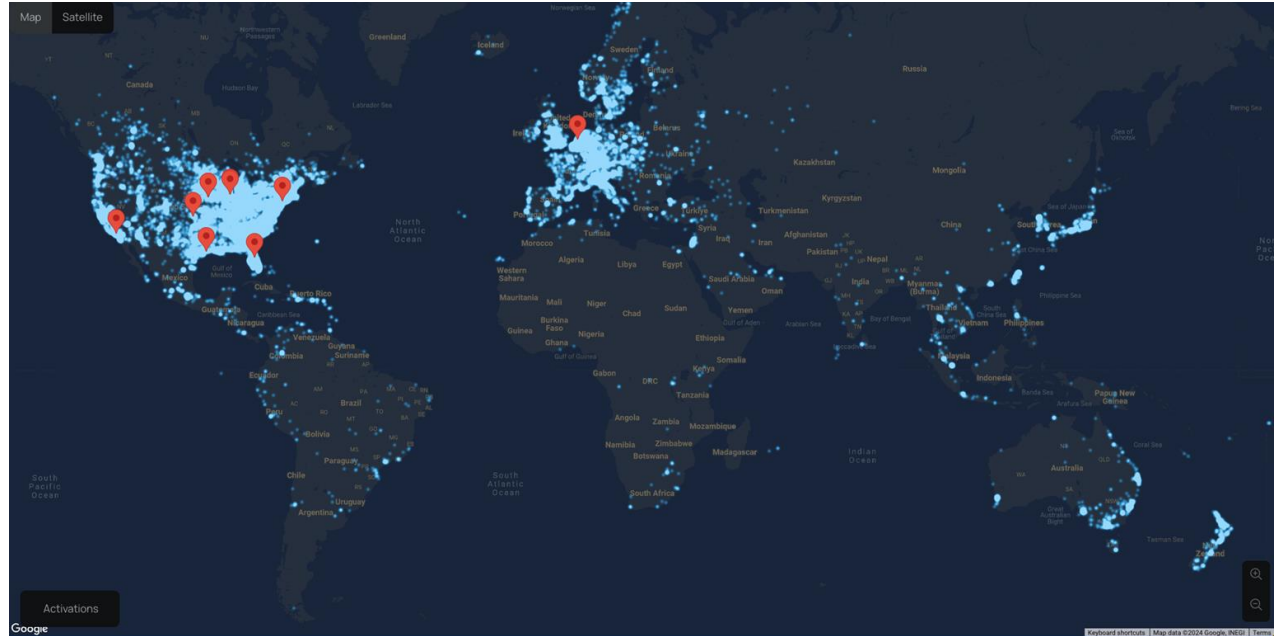
4 Million Channels

1M Channels in 12 months

160+ Countries

12 Years of Profitability

8yrs in a row - Inc.5000

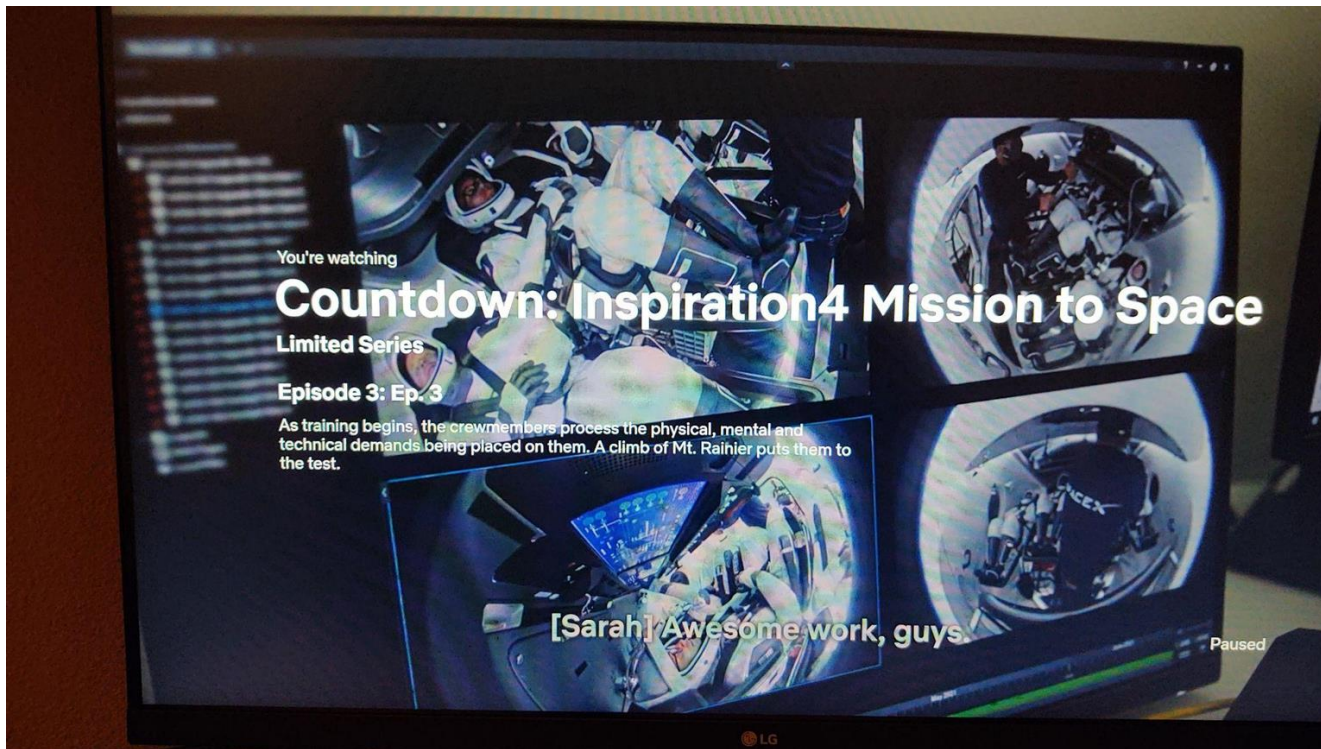


Space Exploration Operating System

Network Optix proved to be the Enterprise Video Operating System needed to build and automate a private space logistics company... into the global powerhouse it is today.



And ended up building the world's first EVOS.



And ended up building the world's first EVOS.



Case Study: State-scale Transportation

**Georgia
DOT**
38k cameras
system-wide for
data extraction



What this means for you (and your customers)

Your AI

Nx EVOS

Every Computer OS

Any hardware with an accelerator layer

Try it... You won't regret it.

Every EVOS customer we have was the result of a qualified technical assessment of our technology, followed by the realization that no other technology stack on earth that does what ours can.

From Spaceflight to Smart Cities... Automated Shipping Ports to Intelligent Factories... Retail, Education, Banking and beyond...

If you're building the next generation of Business Automation Intelligence, try Nx!

GitHub Repository 

