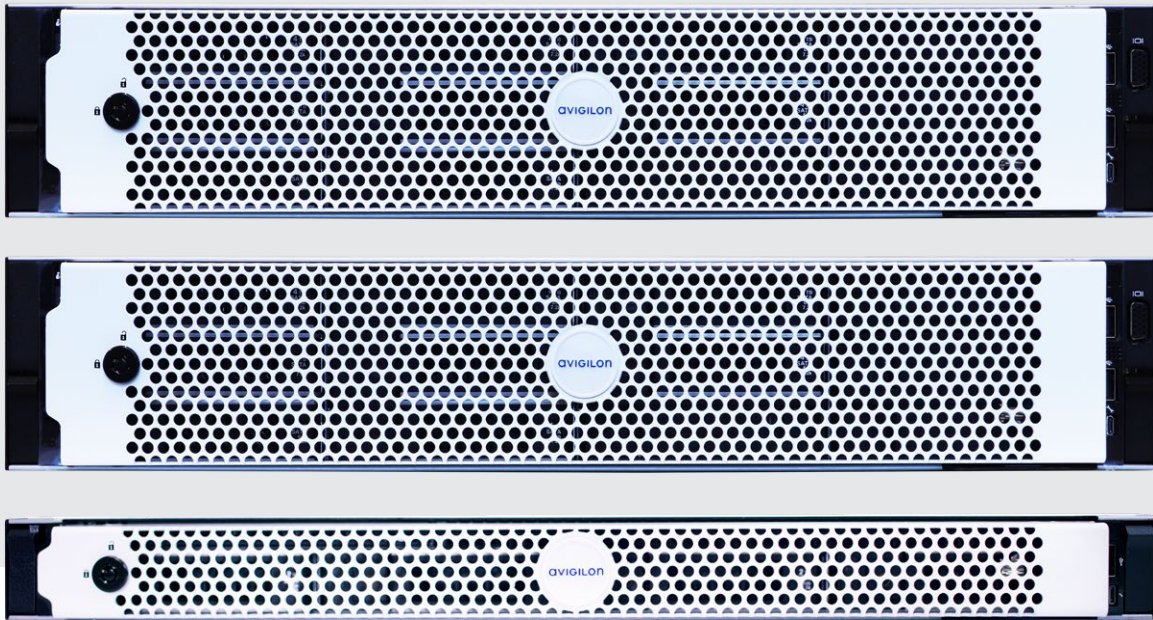




# TOP 5 BENEFITS OF AVIGILON NVRS

**SIMPLIFY YOUR VIDEO SECURITY DEPLOYMENT  
WITH AN AVIGILON NETWORK VIDEO RECORDER (NVR)**





Whether you need a couple of cameras to monitor a storefront or a couple of hundred cameras to secure a large campus, using an end-to-end Avigilon solution will take the risk out of deployment and maintenance.

Avigilon Network Video Recorders (NVRs) are pre-configured to support the latest AI-based video analytics and Avigilon Appearance Search™ technology and initialized for optimum system performance, which saves you time and any risks during deployment. With the flexibility to add on Facial Recognition, License Plate Recognition and Avigilon Appearance Search technology, Avigilon NVRs are the best choice for a future-proof deployment backed by our single-point-of-contact support model that eliminates complications and resolves issues expediently.

Our online System Design Tool helps take the guesswork out of finding the perfect NVR for your specific site. Import custom site maps and floorplans to accurately map out camera coverage of your site.

Scene metrics such as motion, detail and lighting enable accurate prediction of average bandwidth and performance needs for your NVRs. Simplify your video security system today, with the power and flexibility of Avigilon NVRs.

As the video infrastructure scales up in storage and the number of connected devices, the risk of deployment increases from any unexpected server hardware deficiencies. Each Avigilon NVR product is backed by 2500+ hours of optimization, validation and stress testing in real-world setups with cameras and switches across buildings, reducing the risk of deployment to an absolute minimum.

## THE ECOSYSTEM

Avigilon NVRs are designed specifically for the high-throughput workload required by video security systems. They are optimized to work in low-latency, high-consistency environments, providing a 15% increase in performance over comparable off-the-shelf servers. With Avigilon as your single point of contact, you can feel confident knowing that your entire ecosystem is supported by one reputable organization. From project inception to installation and support, you are backed by a world-class team that supports your entire video security system around the clock.





## ADVANCED ANALYTICS

Search capabilities have been simplified with Avigilon Appearance Search technology, our sophisticated deep learning AI search engine for video. Appearance Search technology can improve incident response times and enhance forensic investigations.

Avigilon NVRs are the only NVRs that support the power of Avigilon Appearance Search technology and Face Recognition endorsed by Avigilon and are guaranteed to support future versions of our software.

Leveraging convolutional neural networks, your Avigilon system can quickly identify persons and vehicles of interest, and track them throughout your facility. With the power of facets you can now use descriptions such as age, gender and clothing color to quickly find persons of interest.



## LIFECYCLE, SUPPLY CHAIN & LEAD TIME

Avigilon NVRs guarantee consistency over lifetime and generations of products. In contrast, commercial-off-the-shelf (COTS) servers often go through refresh cycles every few months. These cycles include changes to critical system components, increasing incompatibility risk within the system. Our supply chain model guarantees consistency over the entire lifecycle of NVR generations.

With warehouses across the world, Avigilon has consistent and short delivery lead times for NVRs globally, compared to COTS servers that often take weeks to deliver. With the advantage of being able to receive their NVRs within days, our partners can beat their competition by responding to customer needs faster.



## CYBER SECURITY

With an Avigilon NVR, you don't need to be an IT expert to deploy a system that meets the highest security standards. Avigilon NVRs are designed with high security site requirements in mind.

Unused operating system services, ports and applications are all disabled to minimize attack vectors while also maximizing performance. Penetration tests are routinely run on Avigilon NVRs to ensure that vulnerabilities are discovered and fixed before they affect your system. Our trusted reputation for security is why Avigilon NVRs are used in government, Fortune 500, distributed enterprise and critical infrastructure facilities around the world.



## SUPPORT

Our world class, free 24/7 technical phone support takes the hassle out of repairing and replacing parts.

Most Avigilon NVRs come standard with next-business-day support that can be extended up to 5 years, ensuring minimal interruption in case of failures. An easy-to-use, one-number technical support hot-line gets you talking to an Avigilon product expert, who understands your whole system inside out — from our camera and server hardware to ACC and our analytics software.

In addition, our hardware warranty is backed by technicians specially trained on our unique NVR configurations to ensure as many hardware issues as possible can be addressed within the first visit onsite.



## PLUG-AND-PLAY SETUP

Our pre-configured NVRs have been specifically engineered to eliminate system bottlenecks, ensuring you get the maximum performance out of your NVR.

Out-of-the-box, storage volumes, RAID levels, Avigilon Control Center (ACC) software and all subsystem configurations are already set up, saving you hours per system. In addition, every new release of ACC™ software is tested on Avigilon NVRs to guarantee there are no interoperability, driver, or performance issues.

With a one-year free subscription of Avigilon Cloud Services (ACS), Avigilon NVR users have access to ACS's System Health Monitoring feature, an at-a-glance dashboard view of site health.

The Avigilon NVR also connects with the Avigilon Video Archive (AVA) through a seamless and secure storage of valuable video, with the scalability to remain compliant with unique video retention policies and regulations.

System downtime can be further minimized by prioritizing maintenance of critical components such as NVRs and cameras. Avigilon pre-configured NVRs take the guesswork out of picking a system that meets your needs.



# AVIGILON NVR VS. ALTERNATIVE SERVERS

By implementing a comprehensive end-to-end solution with Avigilon NVRs at the heart of your security infrastructure, you will simplify and optimize your video security deployment and reduce the risk of deployment and maintenance issues. Pre-configured and initialized for optimum system performance, Avigilon NVRs will save you installation time and offer the flexibility and scalability to grow with your video security needs with advanced analytics capabilities.

AVIGILON	THE ALTERNATIVE
Future-proofed, AI and analytics-enabled NVR to derive value from video and minimize risk.	A piece-meal and incongruent setup that is meant for IT workload and was never tested to stand peak requirements of security systems.
Offers tested, reliable, guaranteed and optimized performance.	Unknown reliability, added costs involved to create an optimized solution and only built to provide a baseline performance to many applications.
Designed to scale with the latest video analytics capabilities and fully compatible with ACC software.	Scalability capabilities are unknown and not guaranteed to maintain compatibility to future versions of software.
Built-in cybersecurity measures in OEM licensed operating systems.	Generic Windows or Linux operating system installed off-the-shelf.
24/7 global streamlined support for the entire environment, with an over 99% SLA fulfilment. Increases accountability and drastically reduces time to resolution. Our hardware warranty is backed by technicians specially trained on our unique NVR configurations to address any issues onsite.	Fragmented, agnostic support from multiple vendors (i.e., hardware vendor not able to support the entire environment, server manufacturer may not support GPUs or service units with "incompatible components" unless they are removed).

For more information, visit [avigilon.com/nvr](http://avigilon.com/nvr)



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