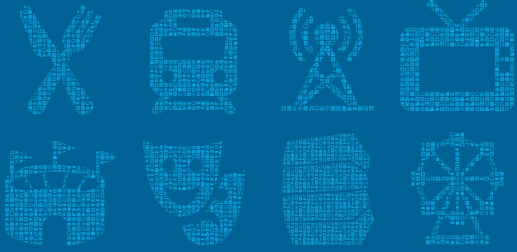


## PRODUCT OVERVIEW



## AMX SVSI NETWORKED AV



## Video Where You Need It

Networked AV uses standard, off-the-shelf IP hardware to securely distribute video in resolutions up to 4K60 4:4:4 over an existing network infrastructure. There's no need for dedicated cable or switches, no need to purchase more endpoints than needed, and no need to manage and maintain a dedicated infrastructure for AV. It's as simple as knowing how many sources you want to distribute over the network and where you want to distribute them.



**MOST EXPERIENCED.** AMX brings 10 years of experience in networked AV and over 30 years in video distribution. Customers can depend on our products—and the world-class pre- and post-sale support from our global team of industry experts.



**MOST SCALABLE.** AMX networked AV solutions can deliver video to thousands of endpoints across a range of applications. With the ability to distribute video up to 4K60 4:4:4 over a standard gigabit network with imperceptible latency, have video where you need it without compromise.



**BROADEST RANGE OF APPLICATIONS.** No matter the application, AMX has the right product at the right price point—with everything required for a full solution. Because our encoders and decoders are powered with PoE and are small enough to mount behind any display, AMX solutions can deliver AV anywhere.



**MOST SECURE AND MANAGEABLE.** AMX solutions are designed for the enterprise network. Capabilities such as 802.1x, Active Directory, and SSL/TLS satisfy security requirements, while the N8000 Series Control Appliance offers centralized management and configuration.



**BEST ON THE NETWORK.** Because AMX supports for AES67 networked audio and offers the broadest range of network-based accessories such as windowing processors and video recorders, AMX solutions leverage the full power of the network better than any solution available.



AKG

AMX

ESS

CROWN

dbx

JBL  
PROFESSIONAL

lexicon

Martin

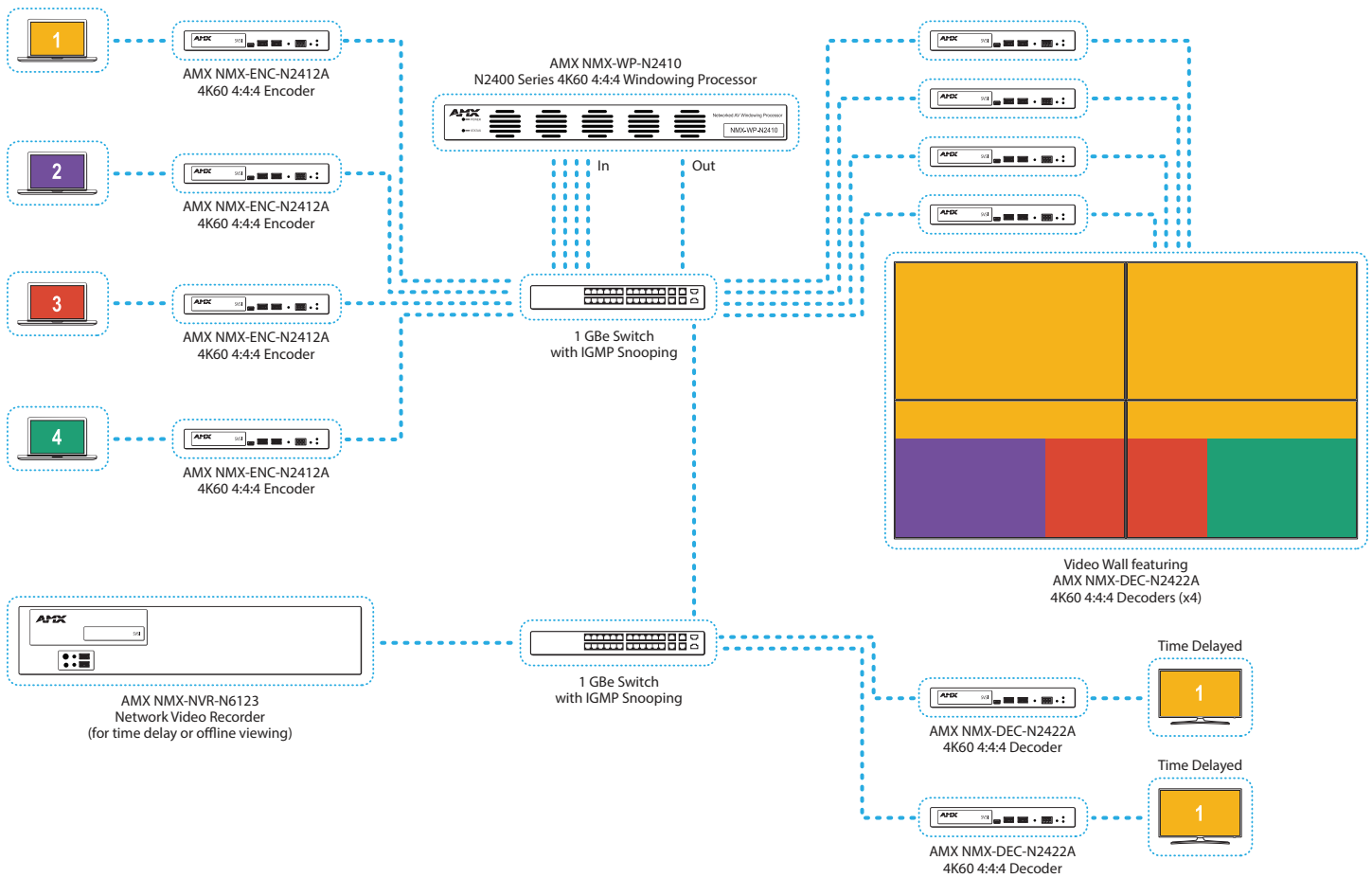
Soundcraft

STUDER

# How AMX SVSI Networked AV Leads the Industry

As the industry pioneers in video over IP, we understand that streaming multicast video over an existing IP network is no small feat. With 10 years of leadership in networked AV and 30 years in video distribution, our staff of expert network engineers have the experience to create products you can trust. Our wide range of networked AV products including encoders, decoders, audio transceivers, network video recorders, and IP windowing processors, is the only truly holistic networked AV solution for any application.

## VIDEO OVER IP SYSTEM DIAGRAM





### N1000 Series Minimal Proprietary Compression Video over IP

The AMX SVSI N1000 Series Encoders and Decoders packetize video into a minimally compressed IP format to create anywhere from a compact 2x1 presentation switcher up to a large 32x32 large-scale matrix switcher or more with the help of our design experts. The ability to send IP media for distribution using common managed network switches, in any size and configuration, makes N1000 solutions extremely flexible and easy to deploy. The N1000 Series is the perfect solution for low-latency applications such as live in-room presentations.



### N2000 Series JPEG2000 Video over IP

Using standard JPEG2000 to distribute video, allows for the encoding and decoding of almost any format onto an existing IP network, making that stream available to any endpoint in the facility. The AMX SVSI N2000 Series offers the ability to direct any source stream to any display; large, low-cost switching and distribution systems are simple to deploy with proprietary cabling or dedicated switching hardware.



### N2300 Series 4K 4K30 4:2:0 For Price Sensitive Environments

Don't miss a single moment watching the big game or reviewing video at the big meeting with the 4K over IP solution that is fast enough for live action even price sensitive markets will appreciate. The new AMX SVSI N2300 Series Encoders and Decoders are designed to distribute beautiful 4K video with less latency, and consuming less power - all at an extremely competitive price.



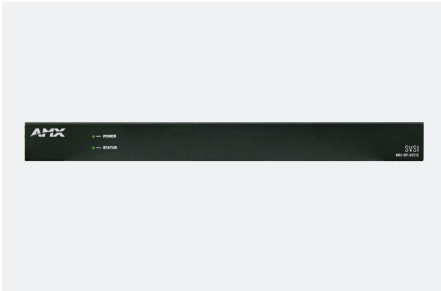
### N2400 Series 4K UHD 4K60 4:4:4 over Standard Gigabit Ethernet Infrastructure

The alluring appeal of 4K60 video—where every pixel comes to life in bright, vibrant color—does not have to be sacrificed when distributed. The AMX SVSI N2400 series enables compression and transport over standard enterprise networks without losing that ultra-high definition quality. Maintain the investment in extremely high resolution computer graphic content with the distribution support of the N2400.



### N3000 Series H.264 Video over IP

Going global? The AMX SVSI N3000 Series extends the reach of AMX SVSI Networked AV to the WAN for streaming, video to desktop, digital signage, set-top boxes, or mobile device applications. Utilizing H.264 compression technology, the N3000 Series delivers the highest quality HD video content at the lowest bandwidth for the most demanding application. Moving video to or from the cloud just became a lot easier.



### Windowing Processors Offer an Array of Configuration Possibilities

Build beautiful video walls with AMX SVSI Windowing Processors. With a single connection to the IP network, the video processor accepts video streams and then allows each to be cropped, scaled, and positioned according to stored presets (such as quad, window-in-window, 3+1), or in any user-defined configuration. The combined output video stream is then routed to one or more displays.



### Networked Video Recorder Records Hours of High-Resolution content over an Ethernet LAN

This rack-mount NVR is compatible with all SVSI video-over-IP products and attaches to the video network at any point. The NMX-NVR-N6123 can record from an SVSI encoder and uses an SVSI decoder in the same series for playback. Each video stream is recorded and played back at its original resolution.



### Audio over IP Transceiver Provides Audio Switching and Distribution

The NMX-ATC-N4321 Audio Transceiver is an audio-over-IP solution that both sends and receives two-channel balanced or unbalanced audio over IP. Simply connect a balanced audio input into the IN port and it's converted to IP packets that are switchable and routable just like data or voice. The balanced audio output receives an audio-over-IP stream and decodes to analog while preserving audio fidelity. Perfect for point-to-point or point-to-multi-point audio delivery, the NMX-ATC-N4321 uses the same control options as SVSI's Networked AV video switching and distribution solution.

	AMX	OTHER PLAYERS
Enterprise grade security	✓	✓
4K60 4:4:4 over 1GB	✓	✓
PoE+	✓	✗
Windowing processor	✓	✗
65% smaller form factor	✓	✗
Multiple platforms + over 50 models for a perfect fit	✓	✗
Advancing the networked AV market since 2008	✓	✗

Learn more at [amx.com/svsi](http://amx.com/svsi)



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