

WHY INTEGRATORS CHOOSE MXNET WHEN BUILDING AV OVER IP DISTRIBUTION SYSTEMS

BROUGHT TO
YOU BY

AD
AUDIO VISUAL
DISTRIBUTORS

MXNet is the AV over IP solution from AVPro Edge. Our engineers have worked really hard to ensure that we have maximised every component in the development process to deliver the quality and features found only with MXNet.

AVPRO EDGE MANUFACTURES THE MXNET AV OVER IP NETWORK SWITCH

You no longer need to have a network engineer on staff to deploy an MXNet AV over IP system. We pre-configure the network switch so that all you must do is plug in your end points and log into the MXNet MENTOR interface to start switching video and testing.

FAST SWITCHING

We deploy settings inside our network switches that allow the fastest possible switching times when the video is already on the network. These settings are all available out of the box or when you factory default the system so your installers never even have to think about them being lost. Not fast enough? Turn scaling on each decoder to the same resolution, and you will enter seamless switching mode where the signal never drops out! This speeds up negotiation times where EDID negotiations with monitors and TV's are standing in your way of speedy switches.

UNLIMITED VIDEO WALLS, WITH UNLIMITED CONFIGURATIONS

MXNet allows users to configure and deploy an unlimited number of video walls, each with different sizes and formats, and all part of the same single video distribution system.

USB EXTENSION ALONGSIDE HDMI

Each MXNet end point has USB extension capabilities, allowing you to route any HID USB 2.0 (Touch Screen, Flash Drive etc) signal throughout your installation. This will enable you to switch USB independently to video for many of the ways USB is used today. KVM over IP is normally a dedicated system which is now built into MXNet.

MXNET MENTOR USER INTERFACE

MENTOR gives you complete control to name end points, switch sources, analyse data rates, create video walls, and much more. MENTOR services come built-in to each MXNet switch, setting integrators up for a quick and successful installation.

ADVANCED COMPRESSION

MXNet deploys JPEG2000, the best compression for maximised picture quality and suits compressed, switched video and audio signals over IP Networks. This standard handles picture quality compression and reproduction better than the H.264 standard and is the predominant technology in AV over IP systems these days.

CEC AND SERIAL COMMAND ROUTING

Add a button to your control system that turns all TVs on, off, or any other command you need with MXNet's advanced Serial & IR command routing. These ports also act independently with the ability to serve Serial & IR commands directly from your control system. Think of them as a native extension of your control system and the addition of an IR port and a Serial port PER END POINT.

SFP OR CAT CONNECTIVITY FOR COMPATIBILITY WITH ANY INFRASTRUCTURE REQUIREMENTS

Category Cables, DAC Cables or Fiber Optic Cables are available for use on each encoder and decoder, we put the options into the hands of the user or integrator and the application.

OLED SCREEN ON EACH ENCODER AND DECODER

Get the info you need when you need it, right on the front of every device. Quickly locate the IP address, MAC address, alias, and other information on each device simply by looking at the front panel.

CUSTOM BOOT LOGO

Leave a lasting impression by having your integration logo pop up every time the client starts up their system. Or better yet, let the end-user select the start-up image!

INTEROPERABILITY WITH ANY HDMI PRODUCT

With AVPro Edge's unique HDMI technology, the MXNet system allows your signal to reach the screen no matter what. With full EDID Management, Scaling, and Bandwidth Control, you will never be in a situation where you can't get an image on the screen.

 **MXnet** NETWORKED
VIDEO
ECOSYSTEM

