MXnet
MENTOR

MXNet Mentor is AVPro's proprietary, state-of-the-art, HTML 5 based setup and control software. Mentor is a complete, full featured solution showcasing a large variety of simple, yet powerful features and functions. This essential member of the MXNet Ecosystem, Mentor comes pre-installed on the AC-MXNET-CBOX. Easy to use and understand, MXNet Mentor is designed to eliminate many of the pain points associated with AV/IP systems.

FEATURES:

- **SYSTEM UTILITIES**: Reboot and perform factory resets to CBOX, Encoders, and Decoders
- **SETUP AND DIAGNOSTICS**: Assign custom names to Encoders and Decoders
- **AUTO-MATRIX**: Easy to use and understand source to target the switching interface
- **VIDEO WALLS**: Unlimited with mosaic and asymmetrical arrays
- **CEC AND RS-232** Passthrough
- **RS-232 AND IR** Direct Routing

CONSTRUCT

Build the system by auto finding each Encoder and Decoder unit, replicating the physical system in a digital space, receiving each MAC address, magically auto assigning the IP address and multicast channel, and plugging in Encoders and Decoders.

CONFIGURE

Assign custom names with descriptions, such as location. You can set EDID for each channel, set scaling on each of the outputs. The Extensive Diagnosis includes link quality, link speed (critical), and the ability to check the signal's quality using green, yellow, red codes.

CREATE

Use Mentor to build customized video walls. One unique way of setting up a video wall with MX Net is by taking 4 displays that are exactly the same, rotating each one 45 degrees so they are parallel side by side, this layout creates a perfect 16:9 aspect ratio. You can also use a mixed bag of panels, and it will automatically crop, set bezels and scale for the screen, retaining Dolby Vision, HDR and HDR 10+ metadata.

CONTROL

Auto-matrix allows you to switch your system between any of the connected encoders and decoders. Extend KVM, IR, RS-232, as well as encapsulate your own RS-232. You can do RS-232 over IP; we call this serial passthrough. We also have serial routing where you plug in a control system then the Mentor software allows you to select what receiver signals you want the control system processor to receive.

KEY BENEFITS:

TIME SAVER: Setup and configure your new AV/IP project in record time.

FRUSTRATION SAVER: Troubleshooting has never been easier. MXNet Mentor's diagnostics are live, providing immediate feedback as to the condition of your HDMI cable connections, network cable connections, resolution, and much more.

FREE YOUR CREATIVE SIDE: MXNet Mentor helps you to easily setup and create unlimited video walls with mosaic styles and asymmetrical arrays.

FEEL THE POWER OF CONTROL: Easily setup power control interdependencies either using encapsulated RS-232 over IP commands or CEC over HDMI power controls. Additionally, Mentor supports RS-232 and IR direct routing for setting up 3rd party control processing.

MXnet
NETWORKED VIDEO ECOSYSTEM

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