DVIGear Launches DisplayNet AV-Over-10GbE Platform

Written by Dylan Card
09. 07. 2016

DVIGear showed its new **DisplayNet™ AV-Over-10GbE distribution platform** at InfoComm 2016.

A new concept for AV distribution that leverages proven 10GbE Ethernet technology to switch, extend and distribute uncompressed AV signals in real time with resolutions up to 4K (UHD), DVIGear says "DisplayNet provides unmatched image quality with zero frame latency, zero compression and zero artifacts."

DisplayNet harnesses the technology behind the massive global deployment of 10GbE switches used in data centers across the world: the 10GbE standard by itself is the culmination of decades of collaborative development from the world's leading IT technology companies.

Since **10GbE is fully duplex (**10Gbps upstream and downstream), any switch port can be assigned to a DisplayNet transmitter or receiver unit. I/O arrays of virtually any size are possible by proper selection of the central 10GbE switch. The embedded intelligence in all DisplayNet endpoints enables units to be hot-plugged and recognized by the system within a few seconds. This feature allows systems to be easily reconfigured and/or expanded in the field without the need for extensive programming.

DisplayNet supports a wide range of applications including point-to-point Extension, limitless Matrix Switching, Video Wall Display and MultiViewer*.

Unlike traditional AV matrix switchers based on closed, proprietary designs, 10GbE switches

use open technology "proven to provide an extremely efficient and reliable way to move immense amounts of data in real time." Unlike traditional AV matrix switchers, the number of endpoints in a DisplayNet™ system is only limited by the number of available 10GbE switch ports.

The platform also includes the DN-100 Series transmitter and receiver units controlled by a **DisplayNet Server**
-- which includes
DisplayNet Manager software
that enables the system to be managed using any third party controller using simple Telnet commands.

Go [DVIGear's DisplayNet](#)