Networking for Zero-latency and Flawless AVoverIP

Matrix switching challenges
Lack of scalability
• No I/O flexibility - 32x32, 64x64 limits
• No flexibility when adding ports or upgrading resolution (4K, 8K)

Proprietary technology & lack of compatibility
• No possibility to mix different AV vendors
• Slower adoption by the IT community

Complex deployment
• Complicated programming required
• Complex firmware updates

AVoverIP with NETGEAR
Unprecedented cost savings
• 16x16 matrix switcher = $1250 per port
• NETGEAR 10-Gigabit switches < $100 per port

Increased I/O flexibility & scalability
• Ethernet ports are fully bi-directional so each port may be treated as an AV input or an AV output.
• Flexible 1x23, 6x18, 4x20 are all possible.

Pre-configured – Plug and Play
• Firmware optimized for 4K60 video out of the box
• SDVoE-ready with pre-configured Multicast/IGMP

More business with more profits
• Win new business with more attractive price points
• Provide more added-value projects
• Tackle more jobs in the same timeframe

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NETGEAR M4300 Switches

Pre-configured AV-over-IP switches
Large portfolio of ProAV switches
• 8 to 96 ports of 10G, combined copper and fiber
Zero-Touch installation
• Pre-configured Multicast/IGMP
Best-In-Class stacking
• high-availability stacking between 10G & 1G
Prosafe Lifetime Limited Warranty
• Next Business Day Replacement, Lifetime Online chat support

M4300-96X focus
Unique 10G / 40G modular solution
• 8 to 96 ports of 10G and from 2 to 24 ports of 40G, PoE options
Scalable
• Replaces 8x8, 12x12, 16x16, 24x24 and 48x48 matrix switchers with a single switch
High-capacity
• Even up to a 72x72 equivalent configuration with high-performance stacking

NETGEAR - SDVoE* founding member

SDVoE mission
• Define best practices and guidelines for AVoverIP
• Member products interact without technical issues
• Use Ethernet to transport AV signals
• Educate the industry on no compromise, flawless AVoverIP

Get help from our experts

*Software-Defined Video over Ethernet www.sdvoe.org