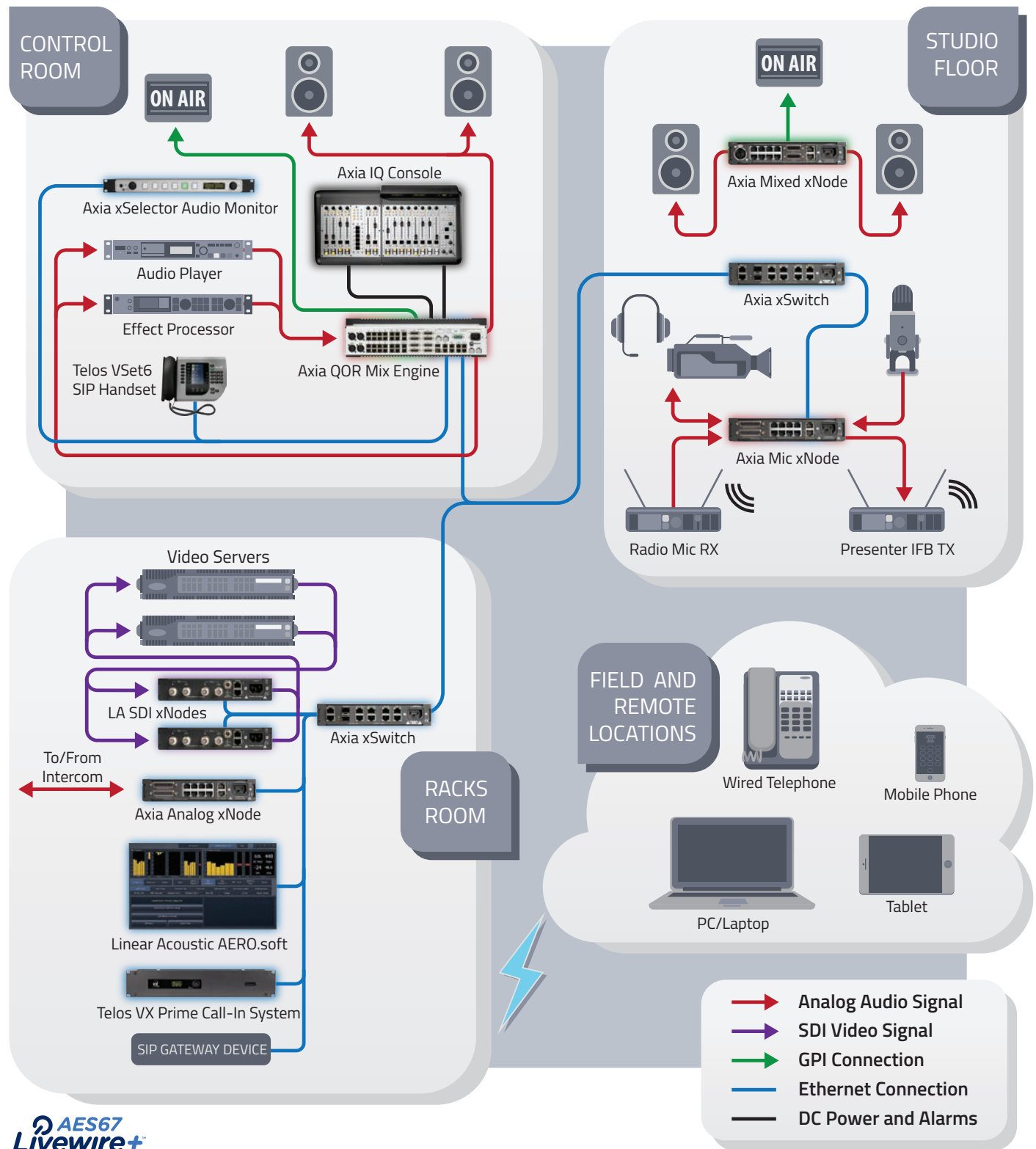


Audio over IP Solutions for Television

TV SOLUTIONS GROUP



Telos, Axia and Linear Acoustic Audio-over-IP products combine to create a comprehensive TV Studio audio system aimed at the cost conscious client who demands a best-of-breed solution. Designed without compromise, an AoIP facility based around the Livewire+/AES67 standard, can evolve along with the broadcasters most exacting demands and expectations using the unparalleled flexibility of IP.

Traditional cabling, connections and hardware are replaced with an Ethernet network infrastructure that reduces cost of ownership, increases reliability by decreasing the number of points of failure and future-proofs the owner with a system that utilises leading-edge technology from the company that invented audio-over-IP.



THE TELOS ALLIANCE®



SDI xNode

SDI xNode can de-embed two separate HD/SD-SDI inputs, converting up to 16 channels of audio to the Livewire+/AES67 Audio over IP format. The audio is available as a Livewire® network source or can be re-embedded into two separate HD/SD-SDI output streams. Compensating video delay for each SDI input ensures audio/video synchronization is maintained.

Microphone xNode

The Microphone xNode has four professional-grade microphone preamps with selectable phantom power and software-adjustable gain. There are also four balanced analog line outputs to conveniently deliver headphone and studio monitor feeds back to your talent.

Analog xNode

The Analog xNode has 8 mono or 4 stereo balanced line-level inputs and 8 mono or 4 stereo balanced line-level outputs, on RJ-45 and DB-25 connectors. It can also accommodate 5.1 Surround inputs and outputs, each with an associated discrete Stereo mix.

AES/EBU xNode

AES/EBU xNode has 4 AES/EBU inputs and outputs. Left and right input signals may be split and routed independently as mono signals. Sample rate conversion is available on all inputs.

Mixed-Signal xNode

The Mixed-Signal xNode is your utility player; perfect for places that require a mix of different audio I/O types. It provides 1 selectable Mic/Line analog input, 3 dedicated analog line inputs, 3 analog line outputs, 1 digital AES3 input and 1 AES3 output, and 2 GPIO ports – truly a “jack of all trades.”

GPIO xNode

GPIO xNode provides 6 general-purpose logic ports for machine control of studio peripherals – audio devices, loudspeaker muting relays, signal lamps, etc. – each with 5 opto-isolated inputs and 5 outputs.

xSwitch

Zero-configuration Ethernet switch optimized for Livewire+/AES67 IP-Audio applications. Fast setup requires only IP address assignment. Features 8 10/100MBit Ethernet ports - 4 with Power-over-Ethernet to power Axia xNodes and 2x 1000MBit SFP slots.

IQ Series Mixing Console

For today's broadcast engineer, there aren't enough hours in the day. You're looking for a console that makes the most of your resources. IQ is a broadcast console complete with on-board mixing engine, analog and AES audio I/O, Livewire+/AES67 audio connections, machine-control logic and a zero-configuration built-for-broadcast Ethernet switch, all rolled into one easy-to-deploy package. 8, 16 and 24 fader configurations are available.

VX Broadcast VoIP

VX is the world's first VoIP (Voice over IP) call management system - a SIP-based broadcast phone system so powerful it can run all of the on-air and communication telephony for your entire plant, yet economical enough for stations with just a few studios. Think of it like a whole rack of Telephone Hybrids condensed into a single 2RU box.

AERO.soft

Enterprise-wide audio and loudness management deployed on a dedicated *AERO.soft processing engine, featuring Dolby® Digital (AC-3), Dolby Digital Plus and Dolby E encoding and decoding, Linear Acoustic multi-award winning AEROMAX® loudness and dynamic range control. UPMAX® II upmixing with AutoMAX-II™.

xSelector

The xSelector is a convenient AoIP source monitor that comes complete with bargraph level indicators, 'instant recall' preset buttons you can assign to favorite sources, headphone jack and variable level line outputs to hook-up to studio speakers. xSelector also features additional analog and AES I/O connections and can double up as a utility xNode.



*This product optionally contains Dolby technologies, and is manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.



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