

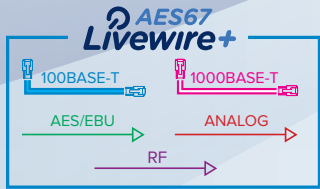


## Before AES67, There Was Livewire

Way back in 2003, Axia Audio, the studio audio division of the Telos Alliance®, invented Audio over IP for Broadcast. We did what no one had ever done before—create professional radio gear that networks using standard Ethernet, for use in digital audio routing, mixing, and distribution systems for Broadcast and other Pro Audio applications.

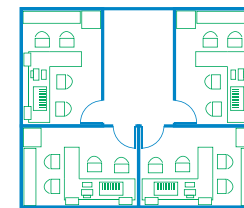
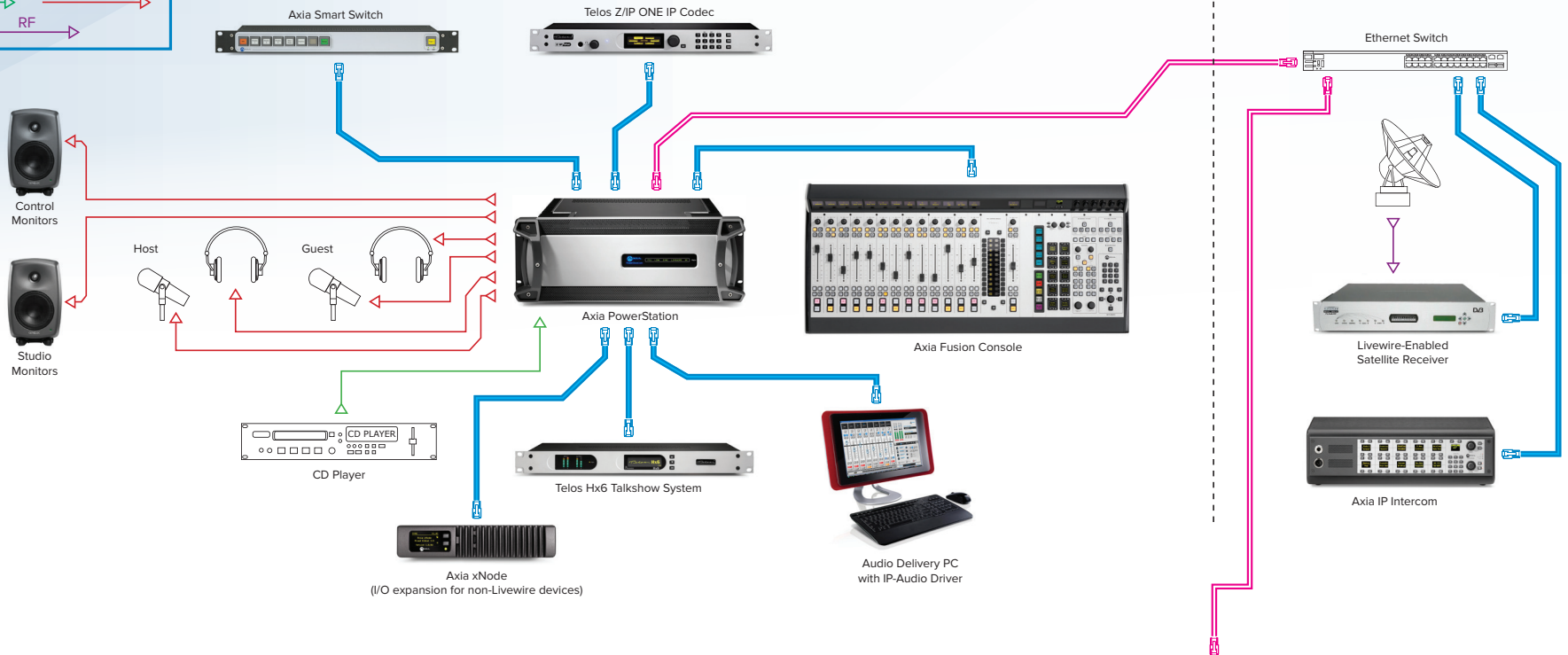
The foundational technology in all Axia products is Livewire plus AES67—we call it Livewire+, an AoIP protocol that enables high-reliability, low-delay uncompressed digital audio over Ethernet, including audio, logic, control, and program associated data (PAD). Axia Livewire+ has built-in compliance with the AES67 standard. Axia and the Telos Alliance are committed proponents of AoIP interoperability—first as charter, supporting members of the X192 Working Group that defined AES67, and now as founding members of the Media Networking Alliance, a group of prominent equipment manufacturers formed to actively promote the adoption and implementation of the AES67 standard.

Today, Axia mixing consoles, digital audio routers, broadcast intercom systems, and routing control software—along with other Telos brands and 85+ partners—are powering broadcast studios around the globe.



## CONTROL ROOM

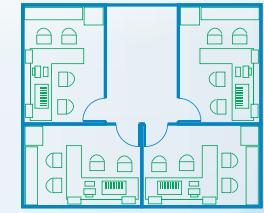
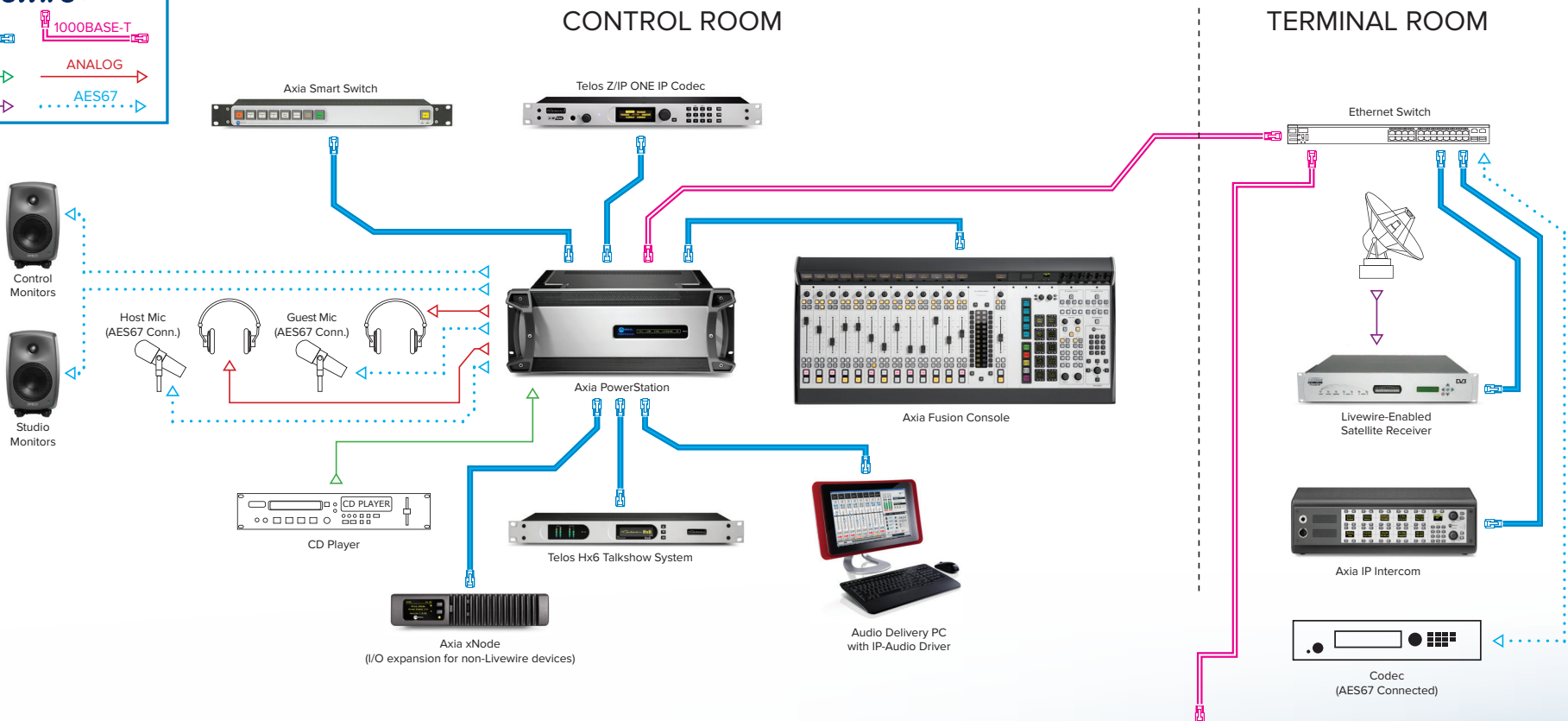
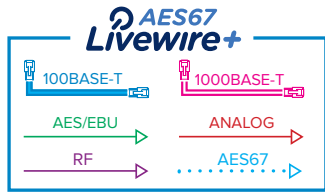
## TERMINAL ROOM



## OTHER STUDIOS

# All-Livewire Studio

The advantage of an all-Livewire system is full support of advertising/discovery, GPIO, and Program Associated Data throughout every link in the system.



OTHER STUDIOS

## Livewire with AES67 Studio

Here, the microphones, speakers, and codecs are interconnected using AES67 instead of Livewire. While these devices can coexist within the Livewire system, with only an AES67 connection, they do not have the ability to support advertising/discovery, GPIO, and Program Associated Data (PAD) as Livewire does today.



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**2003: Livewire Becomes First  
Broadcast AoIP Protocol**

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**7,000 Consoles  
On-Air Worldwide**

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**70,000+ Livewire Connected  
Devices Installed**

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**85+ Livewire Partners  
and Counting**

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**Charter Member of  
AES67 Working Group**

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**Founding Member of  
Media Networking Alliance**