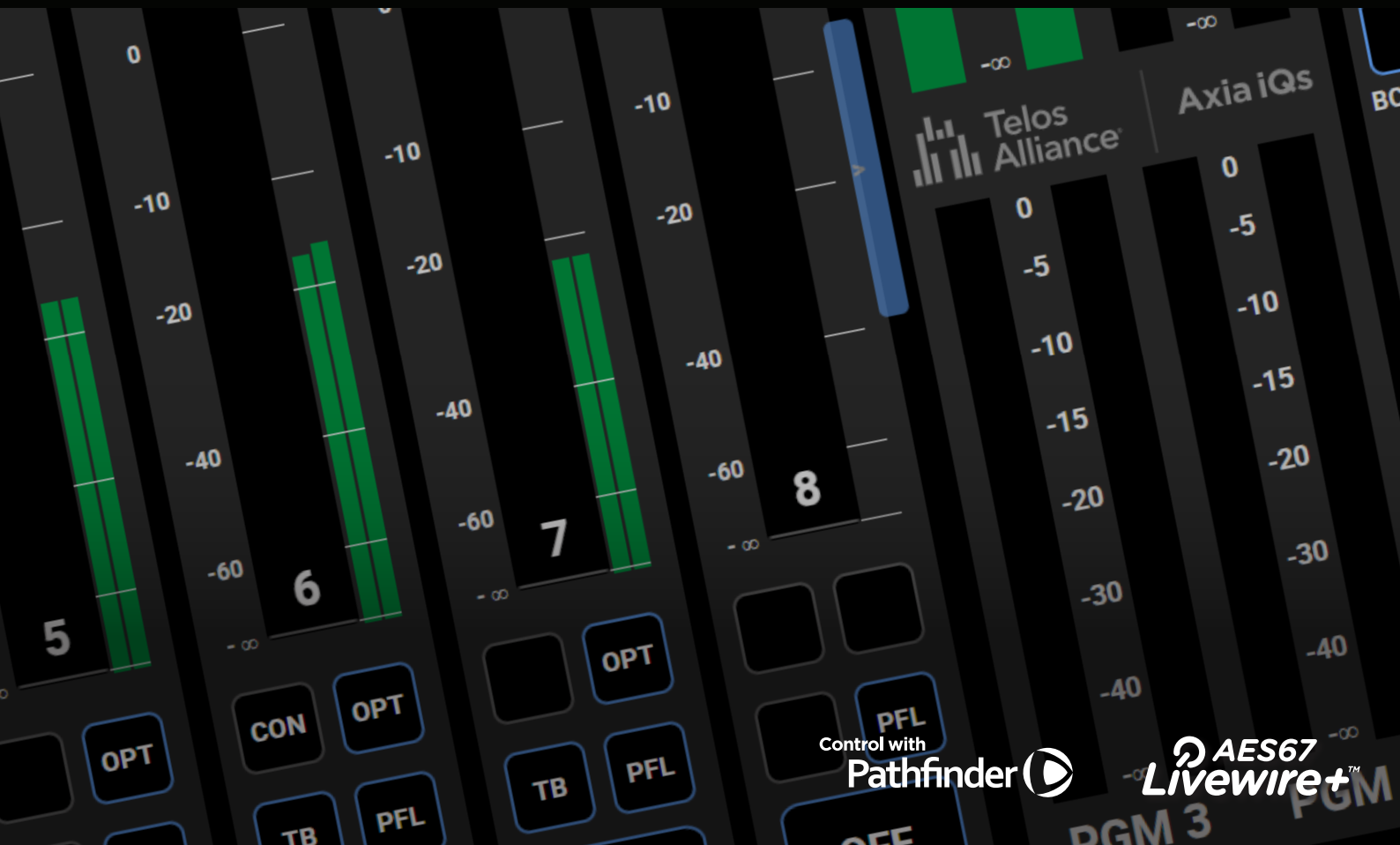# Axia iQs

The Axia iQ family takes a step into the virtual future with iQs virtual mixing console—the software version of iQx that does not require a physical surface. iQs is a soft console controlled by a full HTML-5 interface, allowing you to not only control the mix from anywhere, but on any device.

Telos Alliance®

Axia® iQs

AES67 Mixing Console Software

Control with Pathfinder

AES67 Livewire+™

Applications

- ■ Console capability without the physical surface
- ■ Distributed / remote workforce
- ■ Temporary studio anywhere (nontraditional studio space)
- ■ Studios lacking physical space
- ■ Multiple users who need concurrent collaboration on a single mix

Telos Alliance® was there for you when you made the leap to IP, and now we're here to help you on the journey to virtualization, wherever you are on that path. Our goal is to give you broadcasting options that are familiar while creating new ways of working that deliver on virtualization's promise of added scalability, adaptability, cost efficiency, simple deployment, and reliability. And that's just what we've done with our new Axia® iQs AES67 Mixing Console Software.

More than a decade ago, Telos Alliance created the Axia iQ AoIP console, now known for its ability to deliver a powerful and flexible mixing experience. Rather than pay for unwanted extras and faders, iQ allowed broadcasters to work smarter, offering the 'just right' functionality to mix content how they wanted, without sacrificing features.

Then we took the iQ philosophy and upgraded its underlying technology to create the Axia iQx AES67 console, the first AES67 AoIP console to combine the mix engine and console into one chassis. iQx lets you plug right into your AoIP network—with complete AES67 / SMPTE ST-2110-30 compliance—and enjoy the same capable, easy-to-use experience of the iQ.

...allowing you to not only control the iQs mix from anywhere, but on *any* device...

Now, the Axia iQ family takes a step into the virtual AoIP future with iQs, the software version of iQx that does not require a physical surface. iQs is a soft console controlled by a full HTML-5 interface, allowing you to not only control a mix from anywhere, but on any device—Mac, Windows, tablet, laptop, even your phone!

Convenient, Scalable, Flexible

iQs + AE-1000 for Easy Virtualization

Telos Alliance understands that virtualizing studio operations can be an overwhelming prospect. That's why we are eliminating some of the legwork by *pre-installing* the iQs AES67 Mixing Console Software on a 1RU Telos Alliance AE-1000 Application Engine—our new line of universal servers—to help you ease into the virtual studio and prepare for the future. You can centralize the AE-1000 at the studio, yet give board operators the flexibility to control the iQs mix from a bedroom, a coffee shop, a makeshift studio...anywhere with an Internet connection.

Scalable to Fit Your Needs

iQs is also more flexible than its physical counterparts, starting with a base iQs 4-fader software module and growing in increments of 4 faders (instead of 6 or 8), up to 24 faders. This flexibility allows you to precisely dial in your soft console, without paying for extra faders you don't need.

With iQs, you get all the functionality and flexibility of our popular iQ and iQx physical consoles in a more convenient, scalable, and flexible format that delivers the mixing capability you need, where you need it, on any device.

Expand iQs Capabilities with Axia Pathfinder Core PRO

Livewire+™ AES67 is Telos Alliance's AoIP protocol that not only enables high-reliability, low-latency uncompressed digital audio over Ethernet, but incorporates logic, control, and program associated data (PAD) abilities. Since no signal routing solution is useful unless you can control and manage the system effectively, Telos Alliance Pathfinder Core PRO is the key to unlocking the true potential of a Livewire+ AES67 ecosystem.

By discovering and identifying all compatible devices connected to the system, Pathfinder identifies each available AoIP source and destination. As a middleware layer using its onboard protocol translator to connect with many commonly used third-party controllers, it serves as an AoIP router, an ideal core infrastructure component for diverse broadcast audio applications. Pathfinder can schedule and trigger events, detect audio silence, issue alarms, and instruct failover routing. It even allows the user to create custom screen-based control and monitoring panels.

Due to an unprecedented level of control included in the iQs platform, you can vastly expand your system capabilities by using Pathfinder Core PRO in concert with iQs. Need to automatically dial your Z/IP ONE when you load your show? Change your program bus assignments depending on whether you are on the air or not? Fire automation system automatically when you turn your mic off? Load a show profile every day at 3:30? Raise an alert if audio is not being received correctly? Pathfinder can do it all. Additionally, use the HTML-5 panels in Pathfinder or Axia IP-Tablet to customize and develop your own user interface for iQs.

> Due to an unprecedented level of control in iQs, you can vastly expand your system capabilities using Pathfinder Core PRO.

Always Covered, Always Current

TelosCare™ PLUS

TelosCare™ PLUS SLA

A TelosCare™ PLUS Service-Level Agreement provides the proactive, holistic service that broadcasters need most. You'll get 24/7 PRIORITY support and guaranteed access to software updates, patches, and releases as they become available, as well as the many other membership benefits. If you need assistance troubleshooting a workflow issue, need to install the latest version of iQs or need training on how to use iQs, you're covered with TelosCare PLUS because our priority is to keep you on air.

With TelosCare PLUS, you will always have the most up-to-the-minute release of iQs.

iQs FEATURES

Flexible

- Browser-based (HTML-5) and therefore accessible from any device (Windows, Mac, Tablet, Smartphone)

Interoperable

- Standards-based console supports AES67 and SMPTE ST-2110-30; works with any AES67, Livewire+ AES67, or Livewire® source
- Assign any AoIP source to any channel, like having more than 16 million patch points!

Easy to Use

- Familiar console interface in a software format allows users to get up and running fast, on any HTML-5 device!
- Smooth handoff from one operator to the next, even in remote locations
- Use iQs with Axia Pathfinder (not included) to easily route, monitor, and control AoIP sources

More Features for
More Virtual Capability

Feature-Rich

- 3 dedicated stereo Program busses, plus a stereo Utility bus that can be used for phone calls, off-air recording, or as a fourth Program bus

- Automatic mix-minus on each fader, plus talkback functions

- Automix automatically balances levels of on-air-microphones when more than one mic is open at a time in a studio

- Off-Air Record Mode Trigger

- Studio and Control Room monitor controls

- 24 built-in stereo three-band EQs

- Channel-input confidence meters assure the operator of audio presence before taking sources to air

- Profile context-sensitive Soft key can be used to activate talkback, start delivery system events, or perform other special functions

- Stereo PFL ("cue") functions for every fader with a unique interlock system for the fast cueing of multiple sources

- Reconfigurable CR monitor section with direct selection of 4 program busses and re-assignable buttons that allow instant monitoring of external sources

- Additional monitor section provides separate monitor volume, source selection, and talkback controls for an associated studio

- Flexible built-in mix-minus and talkback system lets operators talk to phone/codec sources, each with an associated, automatically created backfeed mix-minus

- Precision event timer can be operated manually or triggered by starting preselected sources

- Unlimited Source Profiles with four quick-recall snapshots (show profiles)

- Auxiliary "V-Mix" remotely controllable 5-input virtual mixer, for whatever extra audio needs you may have

SPECIFICATIONS FOR iQs + AE-1000 SERVER

AE-1000 Inputs/Outputs

- AE-1000 supports a single instance of iQs, which will accommodate up to 24 faders. Start with the base 4-fader module, add faders in increments of 4 up to 24, each with instant access to any AoIP source

- 34 inputs x 24 outputs total, all AoIP, including four main stereo program bus outputs, plus bus outputs for Record, Phone, CR Monitor, CR Monitor Direct, CR Headphones, Preview, Talkback to CR, Talkback to External, Studio Guest HP, Studio Monitor, Studio Talent HP

- Automatic mix-minus provided for any source input

- Fanless

- PoE or DC 12 volt

AE-1000 Dimensions

- 1RU

- Unit weight: 6 lbs

- Shipping weight: 8 lbs

- W:~482.6mm, L:~88mm, H: ~43mm

- Shipping dimension = 20L x 9W x 6H inches