

IQOYA *SERV/LINK

FOR STL/SSL
IP AUDIO DISTRIBUTION APPLICATIONS

PRELIMINARY

A multiple stereo or multichannel (e.g. 5.1 or 7.1) IP audio distribution codec

When multiple Studio to Transmitter links (STL) or Studio to Studio links (SSL) are required from a single point, IQOYA *SERV/LINK leverages on a single processing device hardware resources, thus facilitating deployments and keeping costs at a reasonable level, compared to several stacked stereo “boxes”.

The grouping of several distribution codecs instances also allows for advanced features such as program crossfades or program backups sharing that would simply be unachievable with multiple, independent codecs.

Interoperability, audio quality, agility

Consistently with other IQOYA solutions developed by Digigram, IQOYA *SERV/LINK is a Visiblu®-based device. Visiblu is the Network Audio Operating System developed by Digigram.

When used in conjunction with Visiblu enabled solutions developed by Digigram Development Partners and Digigram’s audio management system, broadcasters can enjoy remote resources monitoring and integrated management.



Multiple backups

Since the STL or SSL cannot suffer from any dropout, IQOYA *SERV/LINK is built on a rock-solid, dedicated hardware platform and offers multiple fail-over options.

- Secondary backup IP network connection
- Local backup on SD card
- Backup NAS hard-drive
- Local Input
- Optional 48V backup input

FLUIDIP™

IQOYA solutions are based on FluidIP™, a rock-solid N/ACIP (EBU Tech 3326) compliant IP audio codec engine developed by Digigram.

This provides interoperability with third-party IP codec devices, while adding unrivaled robustness, QoS optimization, stream integrity and audio quality.

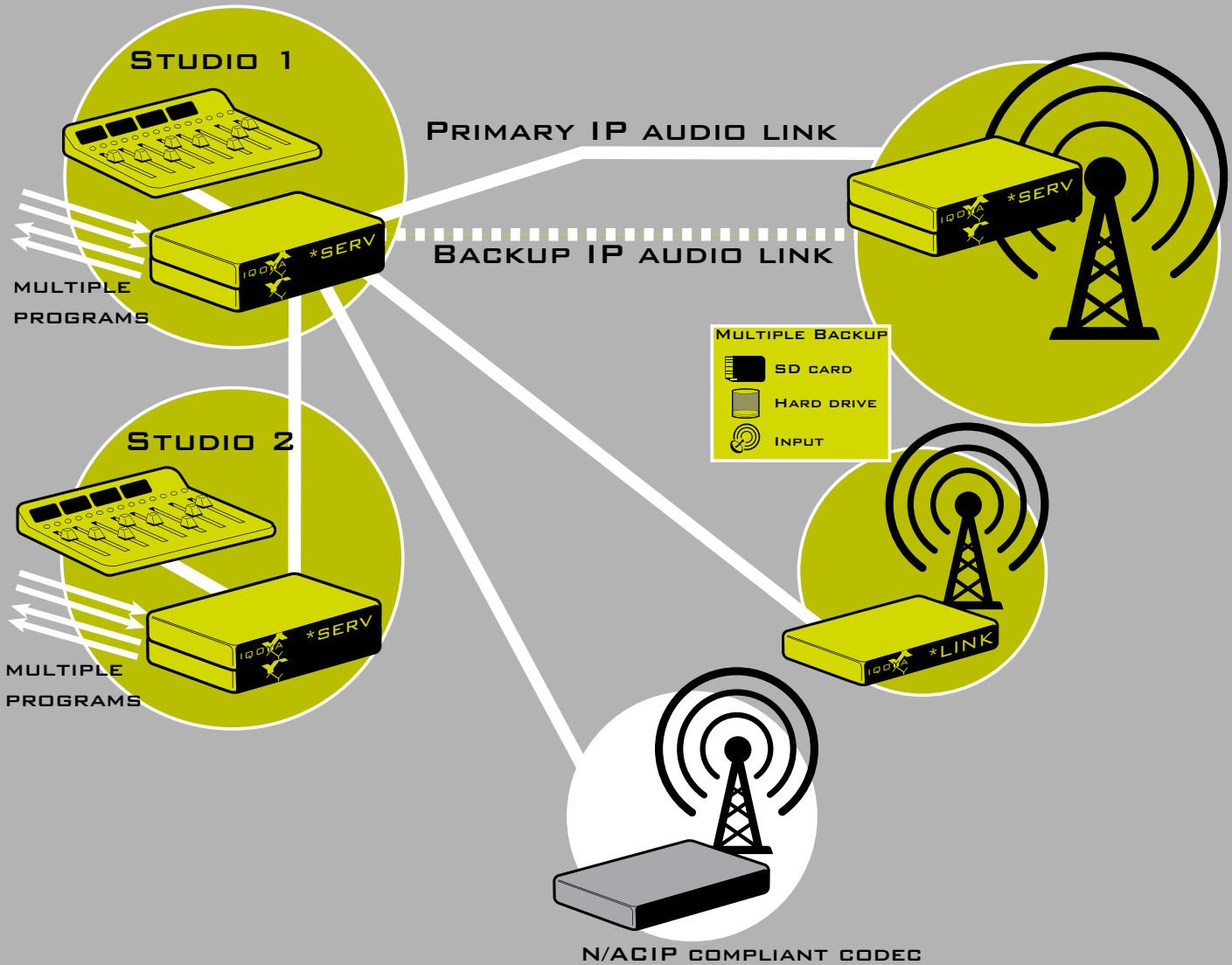
FluidIP™ runs seamlessly on dedicated IQOYA devices, or within easy-to-integrate software on Windows™ PC platforms.

Current set of audio compression algorithms includes PCM linear 16/24, ISO MPEG-1/2 L1, L2, L3 and ITU G.711/7222. Optional audio compression algorithms: MPEG-4 AAC, MPEG-4 AAC-LD, MPEG-4 HE-AACv2, AAC-ELD.

- Available with 8, 16 or 24 analog or digital balanced I/Os
- 2 Ethernet interfaces
- Configurable GPIOs and RS232
- Redundant power supply
- Rack-mount (3 RU) form factor
- Rock-solid Linux based low-latency audio engine
- Setup through HTML pages



More than just point-to-point solutions, IQOYA devices and software constitute the elements of a highly flexible and manageable professional IP audio infrastructure for contribution, delivery and distribution.



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