



NORTHERN ILLINOIS UNIVERSITY

School of Music

College of Visual and Performing Arts

Broadband Solutions

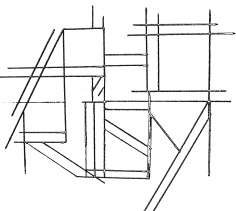
Dan Nichols (dannichols@niu.edu)

President/CEO Aphorism Studios, Inc.

Internet2 Multimedia Specialist

Head of Recording Services

Northern Illinois University





Broadband Solutions

Cleanfeed (cleanfeed.net)

Browser-based Web API

High-latency/High Quality Solution

**Cross Platform
(Mac/Windows/Linux/Android)**

Opus Codec (Compressed Audio)

**Extensive Tutorials (Zoom Audio
Backbone/etc.)**

Built-In Recording

Pro Options

Higher Bitrates

Multiple Sources

Multitrack Recording

Channel Mixer

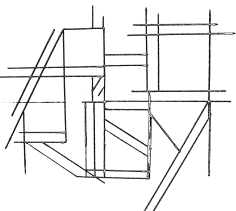
Audio Repair Options

UK-Based (Mark Hills/Marc Bakos)

NAT Compliant

Invite/Session Control

\$22/Month





Broadband Solutions

Jamkazam (jamkazam.com)

Austin, TX – Started in 2014

**Browser-based Web API or
Standalone Application**

Low Latency/High Quality Solution

Cross Platform (Mac/Windows)

**Large User Base (100K Session per
Month)**

Multi-Point Audio/Video

LAN Only

NAT Compliant

Video Integration

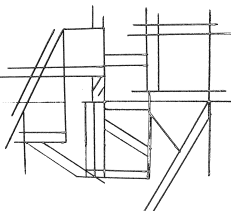
**Multiple Source Support (Audio and
Video)**

Detailed Network Metrics

**Compressed Audio (New
Development)**

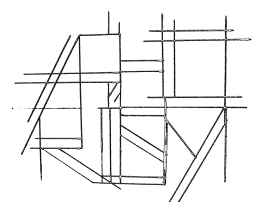
Extensive Tutorials

Synchronous Performance





	Free	Silver	MOST POPULAR Gold	Platinum
	FREE Sign Up Free	\$4.99 /month Sign Up Silver	\$9.99 /month Sign Up Gold	\$19.99 /month Sign Up Platinum
Play Time per Session	1 Hour Session Max	Unlimited	Unlimited	Unlimited
Play Time per Month	4 Hours Monthly Max	10 Hours Monthly Max	Unlimited	Unlimited
Max Players per Session	4	6	Unlimited	Unlimited
Recording	No	No	Yes	Yes
Audio Bitrate	128kbs	192kbs	256kbs	512kbs
Video	No	Yes, CIF (325x288)	Yes, 720p	Yes, 1080p
Broadcasting	No	Free Only	Free Only	Busking Allowed
Music Lessons	No	No	Take	Teach
Accelerated Internet Connections	Yes	Yes	Yes	Yes
Connectivity Success	Yes	Yes	Yes	Yes
VST/AU/MIDI Support	Yes	Yes	Yes	Yes
Support	Knowledgebase Docs Only	Knowledgebase Docs Only	1:1 Helpdesk Email/Chat	1:1 Helpdesk Email/Chat
	Sign Up Free	Sign Up Silver	Sign Up Gold	Sign Up Platinum





Broadband Solutions

Soundjack (soundjack.eu)

Alexander Carôt (Germany)

**Browser-based Web API or
Standalone Application**

**Video Integration (beta; linear or
MJPEG; single source)**

Low Latency/High Quality Solution

Multipoint p2p or Server Based

**Cross Platform
(Mac/Windows/Linux)**

**Opus Codec or Uncompressed
Audio**

Facebook Groups/Forums/Tutorials

Free

Core Application

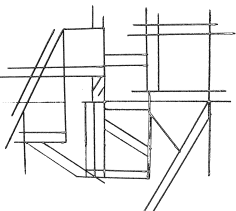
A Bit Tweak Heavy

Web API

Synchronous Performance

Single Audio Source

MIDI Integration





Broadband Solutions

Listen.to

Audiomovers

Browser-based Web Receiver

Multisource/Multichannel

(some Safari Issues)

AAC or Uncompressed Audio

Standalone Application (Beta 6)

Up to 96 KHz/24 Bit

High Latency/High Quality Solution

Subscription Model (Transmit Only)

Cross Platform (Mac/Windows)

User-selectable Latency

Plug-in DAW Based

Standard in Audio Production

