

Internet TV Broadcasting

- What will be discussed & presented
 - LIVE FREE streaming Internet TV broadcasting
 - What it is
 - Why do it
 - Because it is available
 - Something new & different
 - different than video chat
 - broadcast to anyone or select group of people on Internet
 - Potential use to club members with broadband
 - snowy winter day virtual meeting
 - travel out of area virtual meeting
 - Host sites
 - Livestream.com
 - Ustream.tv
 - Overview of host site setup, services, requirements, including
 - Ustream Help
 - Using browser + Adobe Flash
 - Ustream Web Broadcast Console (demo)
 - Livestream Procaster software
 - Ustream Producer software (demo)
 - Ustream Privacy & Event promotion
 - Chat & Social links
- What will NOT be discussed
 - Details of other LIVE stream host sites like
 - Justin.tv
 - focus is on computer gaming presentations
 - at first glance setup & service did not seem as easy or comprehensive
 - Kyte.tv - not that well known
 - Adobe Flash Media Encoder (FLME) software
- Comparison: Ustream vs Livestream
 - http://www.livestream.com/platform/livetvbroadcasts/live_linear_vod

	Linear	Live	VOD
Livestream	yes	yes	yes
Ustream.TV		yes	
Justin.TV		yes	
Youtube			yes
Brightcove		yes	yes
Kyte.TV			yes
Blip.TV			yes

- <http://www.goopal.org/Google-Sites-Embed/live-video-stream/ustream-vs-livestream>

Ustream vs LiveStream:

Here is a comparison of the services and restriction of video services provided by [ustream](#) and [livestream](#).

(Free) Video Streaming Service Comparison :

<i>Free Video streaming service</i>	Ustream	LiveStream
Channels		unlimited
Hosted Channel Page	Yes	Yes
Embeddable Player	Yes	Yes
Chat Embed	Yes	Yes
Player API	No	Yes
3rd Party Plugins	No	Yes
Promote	Yes	Yes
Bandwidth Limit	None	10GB
Video Quality Max	SD 600kbps	SD 500kps
Viewers Max	'Watershed' options	50
VOD/Video Library	Yes	Yes
Stream from Mobile Phone	No	Yes
Virtual Studio/Online Editor	No	Yes
Custom Channels Graphics	Yes	Yes
Record Broadcasts	Yes	Yes
Upload Large Files	No	Yes
Import	No	Yes
Export	Yes	Yes
Self-Service	Yes	Yes
Email Support/SupportTicket	Yes	Yes
Youtube Upload	Yes	Yes
Network Ads	Yes	No
Removable Company Logo	No	No
Free Encoding Software	Ustream Producer	Live StreamProcaster

(Free) Video Encoding Software Comparison:

<i>Free Video Encoding Software</i>	Ustream Producer	Live StreamProcaster
Mac/PC Support	Yes	Yes
Camera Support	Yes	Yes
Import Movies/Audio	Yes	Yes
Transitions	Yes	Yes
Picture in Picture	Yes	Yes
Screen Capture	Yes	Yes
H264 Flash 9 Video	Yes	Yes
Output for iPhone/Android Supported	Yes	Yes

- My perceptions & observations related to **FREE** broadcasting

	Ustream	Livestream
Simultaneous viewers		50 max
Better webcam support		yes
Private broadcasts	free	not in free acct
Mobile device broadcasting	yes	no
Simpler - fewer settings to tweak	yes	

- Significant Ustream Support & Help links
 - <http://www.ustream.tv/support-center>
 - <http://helpcenter.ustream.tv/>
 - <http://helpcenter.ustream.tv/content/recommended-cameras-and-encoding-methods>
 - <http://helpcenter.ustream.tv/category/tags/private> - about Privacy settings
- Ustream Setup
 - Setup account - See: <http://helpcenter.ustream.tv/content/creating-ustream-account>
 - Web Broadcast Console demo
 - Uses browser + Adobe Flash
 - any platform - Linux, Mac, Win
 - my best success was Google Chrome - Flash is built into Chrome and automatically updated by Google
 - if using another browser, then check Flash version for updates at: <http://www.adobe.com/software/flash/about/>
 - Features
 - Camera / Mic only - no live screencast, static pic, video
 - Settings

- Recording
 - private & public option
 - 3 hour storage limit
 - Play recording option
 - Producer software demo
 - Available Mac & Windows only
 - All features of Web Broadcast Console PLUS...
 - Screencast (broadcast desktop)
 - full screen
 - selected app window
 - defined portion of full screen
 - Static pic
 - Video - supported vid formatss are transcoded on fly to match framerate & bandwidth of broadcast
 - Switcher with transition support
 - Picture-in-picture
 - Portable device broadcasting
 - Primarily Apple devices
 - <http://www.ustream.tv/everywhere>
 - <http://www.ustream.tv/everywhere/iphone>
 - Youtube vid using iPhone to broadcast
 - <http://www.youtube.com/watch?v=Cb1T6vAZReo>
 - **NOTE:** ignore the fact that Boxee Box is receiver
 - **Possible live demo**
- Additional Ustream features worth a mention
 - Social
 - Social network connections
 - Chat room
 - Promotion
 - Ustream public schedule
 - website embedding links
 - Privacy vs Public
 - Finding broadcasts to watch
 - Use search on Ustream home page
 - RSS feed of LIVE broadcasts
 - <http://www.ustream.tv/live.rss> - most browsers
 - feed can be added to Boxee feeds web page at: <http://www.boxee.tv/feeds> to be accessed thru Boxee RSS app & display broadcasts on your TV screen
 - feed://www.ustream.tv/live.rss - Safari browser
 - Follow on Twitter
 - <https://twitter.com/#!/Ustream>
 - <https://twitter.com/#!/UstreamTV>