

# NetCaster<sup>®</sup>

## Mobile Multiparty Contribution for iOS



### NETCASTER

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NetCaster allows groups of untrained personnel to contribute live media to a broadcast or streamed show from an iPhone or iPad. Robust audio interviews are complemented by rich media video and sequences of stills as bandwidth allows.

### VIDEO OPTIONS

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The NetCaster app uses Adaptive Bit Rate video encoding to automatically transmit the highest quality possible H.264 video stream back to the Producer. Where the bandwidth is too low or better definition is required, the app can switch to "Sequence of Stills" mode where JPEG images are sent at a rate dictated by the bandwidth.



### AUDIO OPTIONS

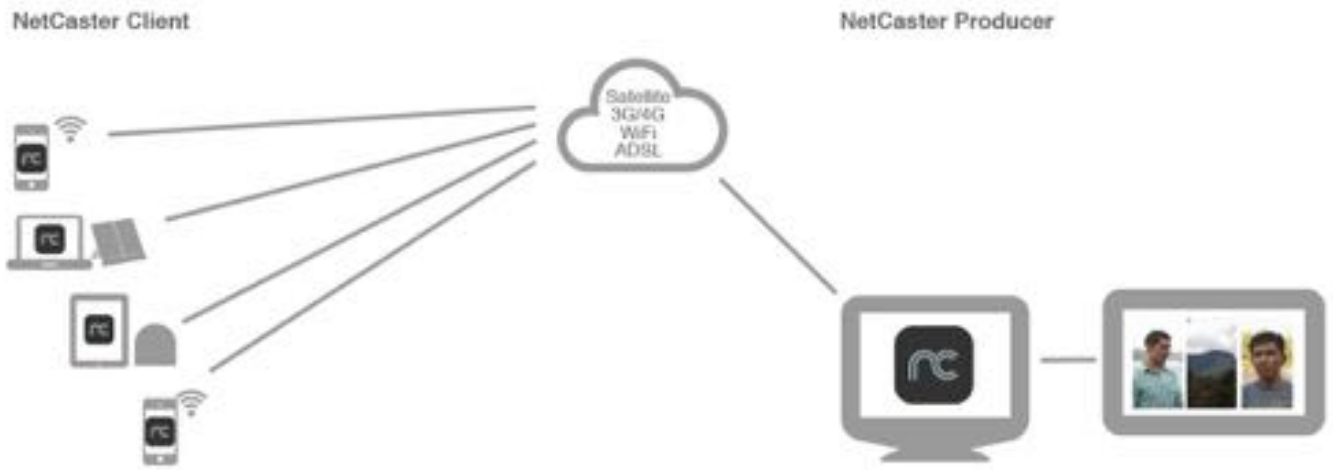
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For resilient audio from contributors with low latency, speech is sent over the voice channel where available (SIP, GSM or BGAN voice). A high quality audio option is also available for the contribution feed.

### KEY FEATURES

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- RazorLink<sup>®</sup> technology ensures highest quality live video and fast, extremely reliable file transfer over any Internet connection, whether it is 4G, 3G, Wi-Fi, or satellite.
- Free client side application for iOS Smartphone/Tablet.
- Manages Inmarsat BGAN terminals delivering media over the background class service.
- Data and phone cost control via advisory accounting.
- Includes wireless smartphone handset feature for un-tethered IP telephone calls, including BGAN.
- Store and Forward stills, audio and H.264 encoded motion video.
- Geo-positioning data may be presented on a map as part of the production.



## NETCASTER PRODUCER

Producers or Command Centre staff at base can determine how media from multiple field contributors is presented to the viewers. Easy-to-use production facilities offer split screen functionality, enabling the producer to present live feeds - from up to six contributors - and pre-delivered media at any one time and to manage their audio feeds

Allows intuitive editing and creation of video clips from received content that can be aired immediately within the live broadcast. Received still images can also be edited with a toolbox of image effects to create splash screens and more. Received media can be recombined into H.264 video files and re-used.

## EVENT MANAGEMENT

NetCaster Events provide control to producers and event organisers. NetCaster Events define the number of remote users and the event duration, both of which can be effectively unlimited if required. Once the user enters the code for the event, the app is automatically configured to deliver to the NetCaster Producer of your choice.

## TECHNICAL SPECIFICATIONS

Video Output (Producer)	1080p
Video Bitrates (Client)	Automatic Adaptive video encoding from 64 Kbps to 6Mbps
Network Protocols	RazorLink®
Operating System (Producer)	OSX: 10.9 (Mavericks), 10.10 (Yosemite)
Operating System (Client)	iOS 8
Minimum System Requirements (Producer)	Apple Mac Mini, Mac Pro or iMac; Thunderbolt and HDMI outputs
Minimum System Requirements (Client)	iPhone 5, 5c, 6, 6+ iPad Mini, 2 or 3