



IC Streaming

Equipment Requirements for Live Events



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The equipment and service requirements outlined below are to help guide client presenters and their support teams hosting a Streaming event. Technical requirements for streaming participants are provided separately.

Slides Streaming Requirements

IT REQUIREMENTS

- + High speed Internet connection with multiple IP addresses on the router.
- + Two (primary/backup) laptops with at least 1024 x 768 screen displays and latest virus protection.
- + Adobe Flash Player 8+.

TELECOM

- + Two analog telephone lines with handsets, direct dial service recommended.
- + Three telephone lines recommended; one for voice communication with streaming signal acquisition for archive recording.

SIGNAL ACQUISITION

Via InterCall audio bridging and/or through the Webcasting application.

Audio Streaming Requirements

IT REQUIREMENTS

- + High speed Internet connection with multiple IP addresses on the router.
- + Two (primary/backup) laptops with at least 1024 x 768 screen displays and latest virus protection.
- + Adobe Flash Player 8+
- + Adobe Flash Media Encoder 2.5

TELECOM

- + Two analog telephone lines with handsets, direct dial service recommended.
- + Three telephone lines recommended; one for voice communication with streaming signal acquisition.

AUDIO EQUIPMENT

- + Microphone(s) and cable(s)
- + Headphones or ear piece
- + Audio mixer with pre-fade aux
- + Firewire cable

Note: Audio equipment may be provided by AV team at venue depending on arrangements.

SIGNAL ACQUISITION

Via InterCall audio bridging and/or through the Webcasting application.



Audio Streaming with Slides Requirements

IT REQUIREMENTS

- + High speed Internet connection with multiple IP addresses on the router.
- + Two (primary/backup) laptops with at least 1024 x 768 screen displays, Firewire (IEEE1394) input and latest virus protection.
- + Adobe Flash Player 8+.
- + Adobe Flash Media Encoder 2.5.

TELECOM

- + Two analog telephone lines with handsets, direct dial service recommended.
- + Three telephone lines recommended; one for voice communication with streaming signal acquisition.

AUDIO EQUIPMENT

- + Microphone(s) and cable(s)
- + Headphones or ear piece
- + Audio mixer with pre-fade aux
- + Firewire cable

Note: Audio equipment may be provided by AV team at venue depending on arrangements.

SIGNAL ACQUISITION

Via InterCall audio bridging and/or through the Webcasting application.

Video Streaming Requirements

IT REQUIREMENTS

- + High speed Internet connection with multiple IP addresses on the router.
- + Two (primary/backup) laptops with at least 1024 x 768 screen displays and latest virus protection.
- + Adobe Flash Player 8+
- + Adobe Flash Media Encoder 2.5

TELECOM

- + One telephone line is recommended for audio backup
- + For videoconference signal acquisition: 384 kbps ISDN lines with video transmission service enabled.

AUDIO EQUIPMENT

- + Microphone(s) and cable(s)
- + Headphones or ear piece
- + Firewire cable

Note: Audio equipment may be provided by AV team at venue depending on arrangements.

VIDEO EQUIPMENT

- + External (LogiTech QuickCam recommended) or built-in webcam
- + Broadcast or industrial camcorder (DVCam format recommended) with long lens.
 - - May require multiple cameras and switcher depending on budget
 - - Needs to have Firewire (IEEE 1394) output
- + Quality, high reach tripod(s)
- + Monitor(s)
- + Backup recording on videotape

Note: Video equipment may be provided by AV team at venue depending on arrangements.



VIDEO SIGNAL ACQUISITION –THREE POSSIBLE METHODS

- + For video webcam signal acquisition (lowest cost)
 - - External (LogiTech QuickCam recommended) or built-in webcam
- + For videoconference signal acquisition (mid cost)
 - - Polycom, Tandberg, Lifesize or similar quality ISDN videoconference appliance with InterCall video bridging capacity and site certification.
 - - At least 384 kbps ISDN lines with video transmission service enabled.
- + For video fiber signal acquisition (venue must offer this service –mid cost)
 - - Video fiber head end at venue linked to Vyvx national network.
- + For satellite signal acquisition (highest cost –only choice at some facilities without ISDN or video fiber services).
 - - Satellite truck service for uplink
 - - Space segment purchase (time on satellite)
 - - Downlink service