

Best Practices for Quality Streaming

Updated 4/14/09

Here are some suggested action steps for End Users to create the best environment for receiving uninterrupted video streams during a broadcast.

- **DO** turn off your wireless networks if available. Any connection to your wireless environment could acquire bandwidth necessary from your streams.
- **DON'T** forget to remind any office staff or personnel that multiple connections to the video streams at the same location may also diminish optimal conditions for bandwidth consumption.
- **CHECK** your computer for active screensavers or hibernation modes – and deactivate them. While streaming, your computer won't recognize the activity of the streaming video as active use. A screensaver popping up in the middle of a broadcast can be embarrassing.
- **CHECK** your video projector resolution to ensure that it matches your computer output. A good way to do this is during a video test at full screen on your computer, turn on your projector and let it auto-detect the resolution. This should provide the optimal resolution for your environment.
- **DON'T** run other programs on your computer simultaneously to the active broadcast times. Simply put, the streams will need all of the computer's processing power available.
- **DO** check with your Internet Service Provider if you suspect your download speed is not consistent. Cable modem Broadband users may see fluctuation in the available bandwidth during a live streaming event which could cause buffering in the stream. Suggested available download speed for the 1MB live stream is 1.5MB.
- **CHECK** all three test streams that are provided for the event. Start with the highest available and work your way down to the lower streams. When you are able to see the streams consistently – without any buffering – this is the bitrate we suggest that you should use for your event. Watch the stream for at least 30 minutes consistently to ensure the best connection.
- **DON'T** panic. If you have questions or concerns, please contact Maximum Impact. If necessary, we will connect you with our Simulcast provider, 316 Networks, for further support.