1Fuzion

Created by 1CapApp

Technical Specs for an AV / IT Expert

IMPORTANT: 1Fuzion will only work on a **Windows 7 or higher PC or laptop or a MAC**.

- 1Fuzion **WILL NOT** work on Windows XP, Vista or older versions of Windows.
- 1Fuzion **WILL NOT** work on a tablet or cell phone

Computer Settings
- Turn off screen saver.
- Never allow the computer to fall asleep.

Technical Specs when using 1Fuzion

From a technical standpoint it is important for the onsite AV/IT Expert to think about what technology will be sharing the bandwidth with 1Fuzion. Are you planning to download and play videos during the presentation? Are you planning to download PowerPoints? Will a presenter be Skyped into the presentation? Will there be Voice over IP?

If you plan to add some or all of the above technology that will be sharing the same internet connection with 1Fuzion, we suggest a dedicated (Not Shared) hardwire internet connection with 10-15 Mbps of dedicated bandwidth for "BOTH" the captioner and the receiving computer (running 1Fuzion). At 25 Mbps you would be absolutely certain of no problems with an internet connection.

Latency Test: If you have time and want 1CapApp to run a latency test, schedule a session running ALL the extra technology you will be using during the actual event (PPT, Video, et cetera) that will be on the 1Fuzion computer.

Setup:

1: Power Point Presentation with 1Fuzion
You may choose to ask your presenters to create slides using a template you've created that offers a different sizing so you leave room at the top or bottom (or wherever) you will be displaying the streaming text "if" you are not going to overlay it on the Power Point.
- Download 1Fuzion on to the computer you will be using to display the presentation; or load 1Fuzion on one computer, PowerPoints on a second computer. Attach a switcher box or share to overlay 1Fuzion on the PowerPoint slides.
  - Windows Download: http://1fuzion.1capapp.com/1Fuzion.exe
  - MAC Download: http://1fuzion.1capapp.com/1Fuzion.dmg

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- Click Launch to start 1Fuzion
- Input the Session ID.
- You will get the Session ID from your captioner.

The captioner will schedule your event in their 1CapApp account. 1CapApp will automatically generate this ID. The captioner will locate the ID by clicking on your scheduled session, clicking on "Hover On" and the ID number will display.

** IMPORTANT: Make sure you confirm with your captioner if the ID number will stay the same for the day or if it will change.

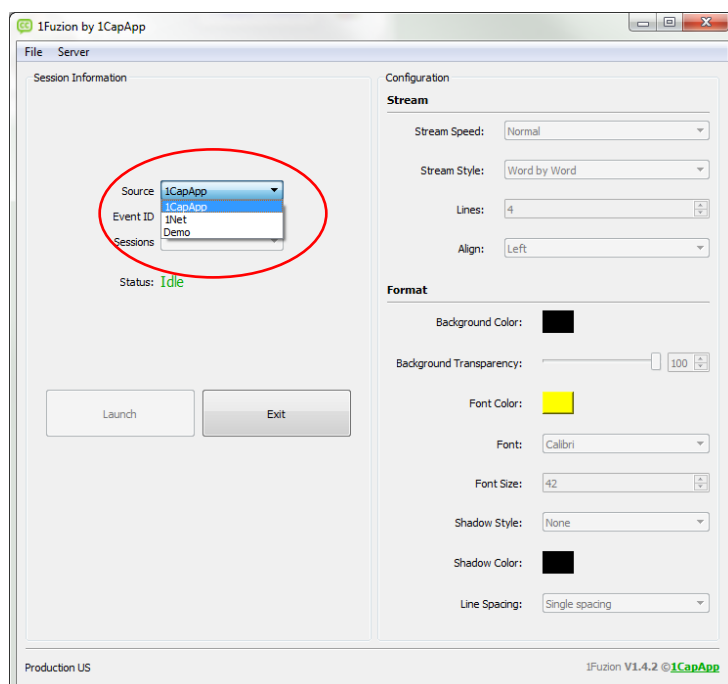**1: Power Point Presentation with 1Fuzion (continues)**

- You will see an opaque box and a setup selection where the captions will be displayed. You will also see a window that will allow you to format the 1Fuzion display as desired.
- Hook up the computer to the projector and choose the screen to be projected.
- 1Fuzion **WILL NOT** work if PPT is set to presenter mode.

2: Video and 1Fuzion

- Do exactly what was done in #1 above but size the video on the top part of the window.
- Position 1Fuzion the same as was done in #1.
- Another option would be to overlay 1Fuzion on top of the video if there is room at the bottom.
- Remember, you can place 1Fuzion ANYWHERE on the screen and display as many or few lines as desired.

3: Demo in 1Fuzion

A complimentary demo is built into 1Fuzion so you can become familiar with our technology before your live event. Download 1Fuzion: Launch 1Fuzion. Click Demo. Click Launch.

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4: Switcher with Video Layering capability

> If your AV team has a video switcher that has video layering capability, you can setup the Video, Power Point Presentation, and 1Fuzion displays separately. The switcher uses a process to superimpose an image on top of the other.
>
> So adjust the video switcher to relocate the Power Point image (frame) to the top portion of the projected image and then superimpose that image on top of the captioning image. The same can be done for a video.

Allow 1Fuzion into the Windows Firewall
- Control Panel > System and Security > Windows Firewall > Allow a program or feature through Windows Firewall > Change Settings
- Checkmark 1Fuzion by 1CapApp both home/work (private) and Public
- IMPORTANT: If you do not see the application you want to allow, click, "Allow another program and browse for it."

Computer Settings
- Turn off screen saver.
- Never allow the computer to fall asleep.

A summary of what to expect at certain internet download speeds. This information can be located at "Yahoo Home".

- **Download Speed: 1-4 Mbps:** There will be buffering as videos catch up, delays in the streaming, or delivery, of media content. Shared connection with three people using [the Internet] at the same time, it's going to be a lower speed."

- **Download Speed: 4-6 Mbps:** The FCC considers 4 Mbps the minimum speed "generally required for using today's video-rich broadband applications and services, while retaining sufficient capacity for basic web browsing and e-mail." Online Gaming however may suffer depending on traffic. You are at the bare minimum for an enjoyable internet experience.

- **Download Speed: 6-10 Mbps:** Salway describes this connection speed as a "good middle ground" for most subscribers at home, especially those who like to watch TV or movies on their home computer.

- **Download Speed: 10-15 Mbps:** This speed tier is quickly becoming the new normal - sort of like going 65 mph on the highway. The FCC's 2012 "Measuring Broadband America Report" is also noticing this trend, noting that more consumers "are subscribing to faster speed tiers and receiving faster speeds than ever before." And at this 10-15 Mbps tier, broadband subscribers will detect sharp increases in download performances, Salway notes.

- **Download Speed: 15-50 Mbps:** "This will give you a good experience without delays," Salway says. "You can do lots of movie viewing on multiple computers or multiple devices and do things on multiple applications."

- **Download Speeds: 50+ Mbps:** Most users aren't currently blazing along the Internet at this speed, but if the FCC gets its way, these speeds will be coming to homes near you sooner rather than later. Here's why: The FCC's "Measuring Broadband America" report says the Commission has established a "National Broadband Plan," which has a goal of at least 100 million homes having affordable access to download speeds of at least 50 Mbps by 2015, and 100 Mbps by 2020. What gives for these goals? The FCC's belief is that top-speed broadband networks across the country will make all of us highly interactive on the economic, educational, and civic levels.