

Rapid Caption TCP Socket Configuration For iCap

Rapid Caption must be configured to communicate with either a modem, for remote captioning, a direct connect, for local captioning to an encoder using a serial cable, or, in the case of iCap, a TCP socket connection which exists on the computer where the iCap PC client software and the writer software are installed.

To configure a TCP Socket connection using Rapid Caption, please use the following instructions and screen shots as examples.

Open the “Configure Devices” window and click “+Add” as shown in Figure 1. Select “Closed Caption Encoder”.

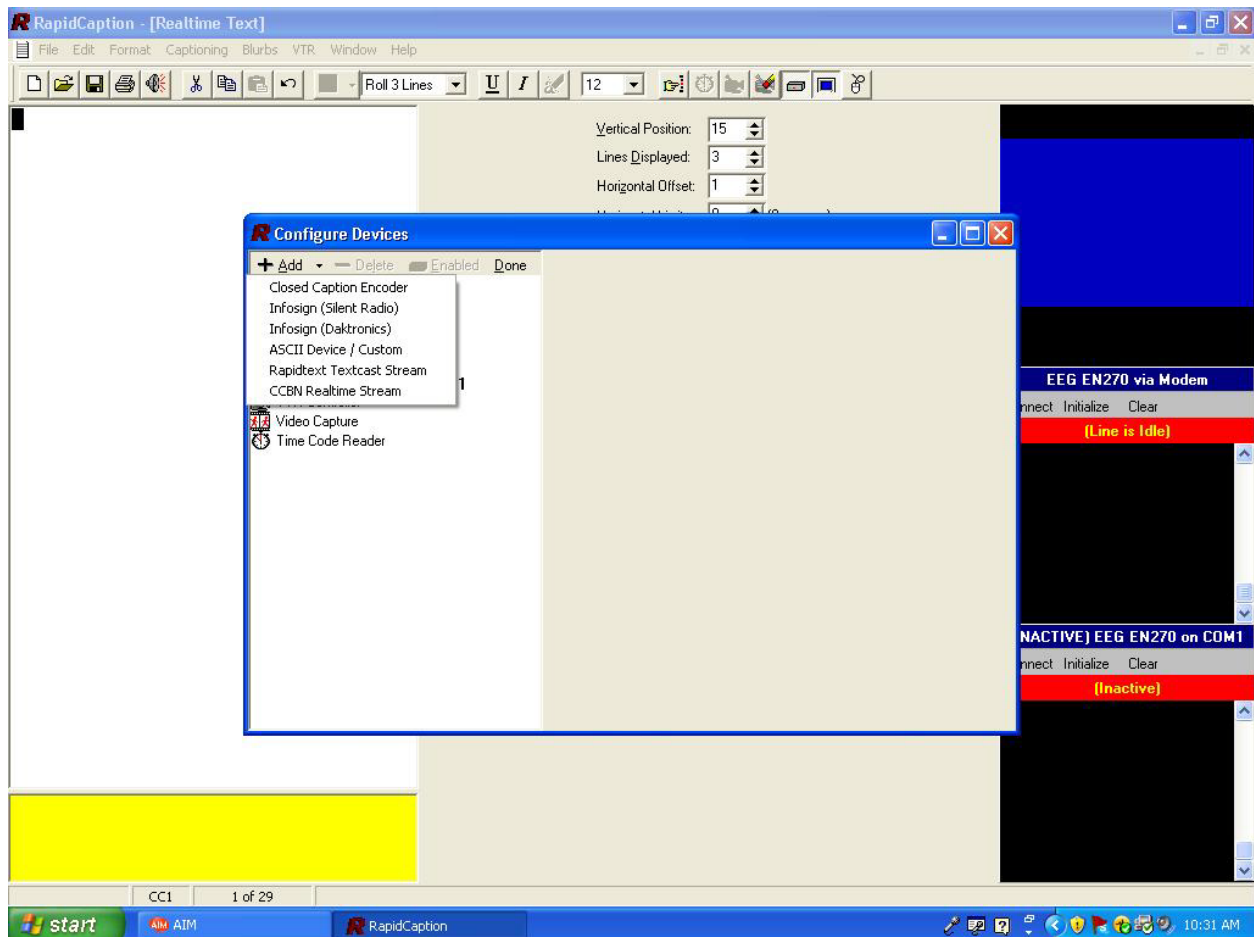


Figure 1 - Add new output format

In the “Configure Devices” window, select “EEG EN270/370 Encoder” for the “Device”. **Figure 2** shows the “Configure Devices” settings configured to use the COM1 serial port to communicate with iCap. In order to use the socket connection, change the settings as follows:

In the “Configure Devices” window, select “EEG EN270/370 Encoder” in “Device”, then select “Connect via TCP/IP” in “Connection”.

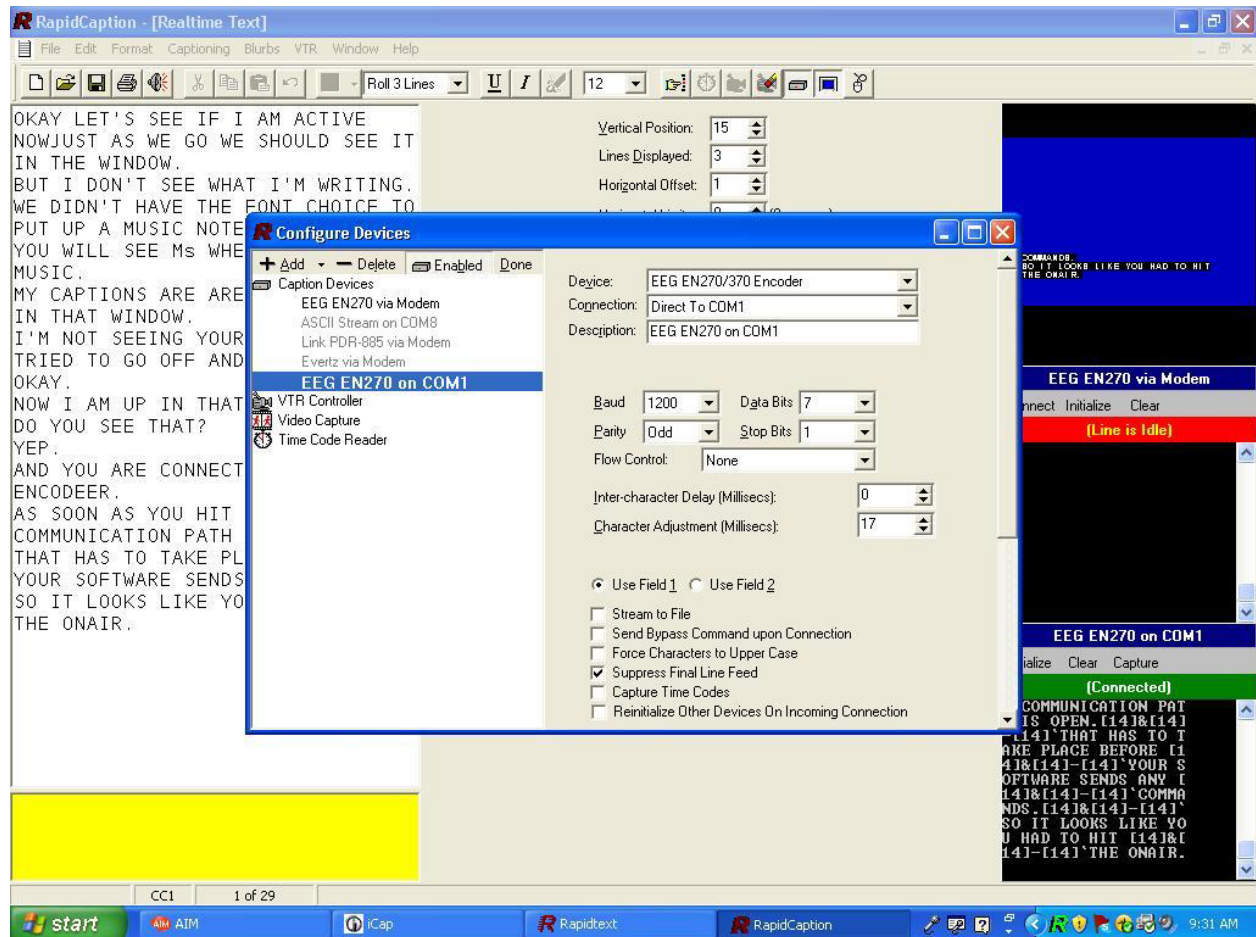


Figure 2 – Configure Devices

Enter the IP address “127.0.0.1” which loosely translates in network-speak to “me”. This IP address is used for network communication that is local to one computer. Since the network communication traffic, in this case, is between the writer software and the iCap software, 127.0.0.1 is the IP address that should be used. Enter the port number “9740”. Save the configuration.

To caption using Rapid Caption and iCap, launch the iCap application first. iCap creates the socket used for communication between Rapid Caption and iCap. Once you have launched iCap and have logged in, launch Rapid Caption and select the iCap device that you configured. To test communication between the two pieces of software, from the iCap menu, select “Tools”

then "Test Caption Input". To keep the iCap windows from disappearing behind the Rapid Caption window, select "Always On Top" from the iCap "Window" menu. Now, as you write in Rapid Caption, you should see the text you are writing in the "Test Caption Input" window as shown in Figure 3. This text will include some black boxes, which are the required unprintable caption commands generated by Rapid Caption.

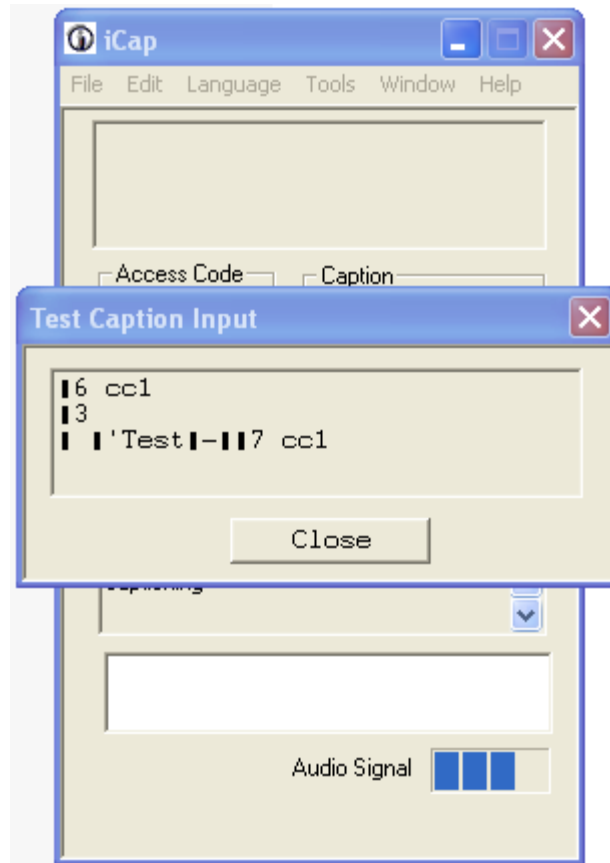


Figure 3 - Test Caption Input Example