



FEATURE

RS232 com port interface to SurferNETWORK streaming PC for (1) RDS data display and (2) Ad insertion for web streaming.

SOFTWARE VERSION

New~Wave
Version 1.0.2 or later
Date 8-14-2013 or later

Digilink-Xtreme
Windows OS: Windows 7
Version 1.60.0 or later
Date 8-13-2013 or later

Digilink-HD
Version 1.0.1 or later
Date 8-14-2013 or later

INSTALLATION

SurferNETWORK requires a streaming PC, running their software, that is separate from the automation system PC. The automation PC will communicate with the SurferNETWORK streaming PC via an RS232 com port connection. An RS232 com port must be assigned for the automation to talk to the streaming PC. This is done by creating a text file that the automation reads for the RS232 setup.

PART 1

To set up an RS232 com port for SurferNETWORK...

- 1) Create a text file named 'Streaming Comport Setup.txt'
- 2) In the first line in the text file, place the RS232 com port number (i.e- 3)
- 3) In the second line in the text file, place the baud rate (i.e- 9600)

Please note that the baud rate must be the same for both PCs.

- 4) Save the text file into the '\Streaming Services' directory.

A) Digilink-Xtreme
C:\Arrakis\Xtreme\Streaming Services

B) New~wave
C:\NEW~WAVE\Streaming Services

C) Digilink-HD
C:\DHD\Streaming Services

- 5) If the automation is open, restart the automation so that it will read the com port setup



PART 2

It is also necessary to tell the automation to activate the SurferNETWORK interface. This is done by creating another text file. The file needs to have no actual text in it. The automation simply looks for a file with this name. The file is named 'Format 2 enabled.txt' and is also placed in the '\Streaming Services' directory.

- A) Digilink-Xtreme
C:\Arrakis\Xtreme\Streaming Services
- B) New~wave
C:\NEW~WAVE\Streaming Services
- C) Digilink-HD
C:\DHD\Streaming Services

If the automation is open, restart the automation so that it will read the command.

TESTING SurferNETWORK

The automation sends SurferNETWORK a line of text every time a new audio file is played. To make it easier to test the setup, the automation saves the line that it sends to SurferNETWORK in a text file.

The line is located in '\Streaming Services\SurferNETWORK.txt'

The line should look like: example = C|1:00|Title|Artist
where

- a) the first field is C,O or M for Commercial, Other, or Music
- b) the second field (1:00) is the length of the audio file
- c) the 3rd field (Title) is the title of the song
- d) the last field (Artist) is the artist of the song
- e) the pipe (|) character separates the fields
- f) there are no spaces between the pipe character and the data
- g) the line will be ended with a 'Line feed' which is a non-printable character