

# FastRIP™ Technical Support Sheet

## U.S. Screen Printing Institute

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## Support Form #FR104

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### Problem:

### ***FastRIP will not communicate with an Epson printer on Macintosh using an Ethernet network.***

AppleTalk is inherently slow and unreliable. A better solution is to use what is called LPR printing.

Many Mac users try to communicate with Epson printers via an Ethernet network. It is natural to assume that the only way of doing this is using the *AppleTalk* protocol as this is how they have always done it in the past.

Unfortunately *AppleTalk* has several inherent problems such as being slow and unreliable. There is however another solution that you may not be aware of called **LPR** printing which originated from the Unix environment.

### ***This protocol is bulletproof and is also the fastest peer to peer data transfer method over Ethernet.***

FastRIP supports this protocol and we therefore recommend that users configure for this port by opening FastRIP and selecting **Options/Output Selection**. Here you enter the **IP** address of the device (**Host**) and the **Host Queue Name** to configure.

The only problem is finding out the IP address of the printer if indeed it has one at all. To do this you need a utility from Epson called **EpsonNet MacAssist** which will allow you to find and specify an IP address for Epson's printers. You can also obtain this utility from Epson at:

<http://support.epson.com/hardware/printer/option/c82362/Index.html>

The utility is self explanatory and simple to use. Once an IP address has been found/implemented the Rip configuration can be completed and you are set to go.

You will see that in this utility there is no Host Queue Name specified. Set the Host Queue Name to **RAW**.

## EpsonMac Assistant

- 1) Open EpsonNet Mac Assistant.
- 2) Select the Epson printer.
- 3) Click on Configuration. Change the IP address. Refer to Tip 1 on how to setup the IP address.
- 4) Say OK when asked to for Administrator Password.

## Tips:

1. The IP address for the printer needs to be similar to the IP address of the computer. For example the IP address for the computer is 192.68.132.25. The IP address for the printer needs to be 192.68.132.\*\*. The first three sections before the dot needs to be the same as the printer. The fourth section needs to have the same amount of numbers as the computer. In this example it would be two. This can be any number but the number used for the computer or another IP address on the network.
2. Remote computer can be setup on the network. Install the FastRIP™ program on the other Mac computers. Use the Remote Install. When you create your desktop printer icon using LPR, set the IP address for the remote computer not the IP address for the printer. If you select the IP address for the printer, it will by-pass the FastRIP™ program and not print correctly.

For Mac OS X or Classic Environment refer to FR115