



Technical Bulletin

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Proper Configuration of Screen PT-R Devices with Xitron's Navigator and Raster Blaster

When configuring Xitron's Navigator RIP or Raster Blaster interface with a Screen PT-R output device, it is important to understand the relationship of Screen's "Printing Machines" together with Xitron's interface settings. This document will outline that relationship, helping to ensure a successful installation. While the information pertains to Raster Blaster installations as well as Navigator RIPs, for brevity, we'll reference only RIPs throughout the discussion.

Screen's PT-R uses a function called Printing Machines to store static information such as gripper measurements, punch location, and plate size. A number of Printing Machines may be created and physically stored on the PT-R, each with unique attributes relating to these items.

The RIP's device setup includes a configuration for Virtual Cassettes and these cassettes correspond with the Printing Machines stored on the PT-R. For example, Virtual Cassette 1 in the RIP controls Printing Machine 1 on the PT-R. Separate instances of both Printing Machines and Virtual Cassettes are necessary for each plate size being used. In addition, the RIP can only have one Virtual Cassette per "Device." This means, if more than one plate size is in use the systems require the user to configure a separate device within the RIP and a separate (corresponding) Printing Machine on the PT-R.

As for the plate size entered in the Media Settings Tab of the RIP, it is very important that the measurements not be set to the actual size of the plate. Since the Printing Machine stores a measurement for grippers, the plate size information coming from the RIP needs to reflect that measurement. If it doesn't, the PT-R will report an error that the plate size is not supported.

Finally, when changing the size of plate being output, the operator must physically select the correct Printing Machine on the control Panel of the PT-R. Neglecting this step while changing plate sizes will cause the system to report an error that the plate size is not supported.