Rampage RIP Stations
These are Windows NT Workstation computers supplied by Rampage. These stations rasterize the data and create FPO (For Position Only low resolution) files. They also process the trap information. The RIP stations have no output devices attached to them. There can be an infinite number of RIP Stations on the customer's network.
The DCS Export Option can also be purchased and installed. This can allow proofing to the DCP family of products.

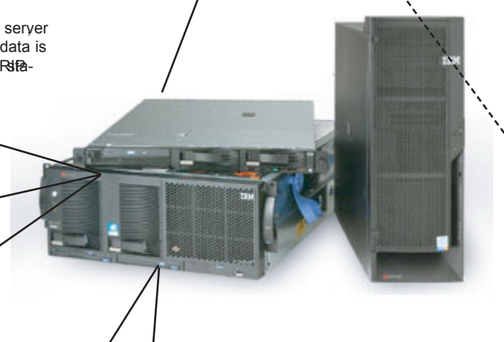
Rampage Shooter
This is a Windows NT Workstation computer supplied by Rampage.
This station gathers the various pre-RIPped components of a job and then sends the completed job to the attached output device.

CSI Platejet Saphire Thermal CTP

Max size 44" x 36"
1200dpi to 2540dpi - upto 200lpi
Internal Drum
Uses standard Fuji Thermal Plates 12g

Data Server
Rampage does not supply the server, but their software requires that a server be on the network. The server's OS can be Unix, Apple OS, Windows NT Server or Novell.

All data is stored on the server only temporary RIPped data is stored at the Rampage RIP Stations and Shooters.



SCREEN

DT-R3100

External Drum Film Recorder

Specifications:
Type: External Drum
Light Source: 780 nm laser diode, 80 channel
Resolutions: 1,200; 1,500; 2,000; 2,400; 3,000; 4,000 dpi
Repeatability: +/- 0.2 mil
Minimum spot size: 0.25 mil
Exposure Speed: Up to 40" per minute at 1,200 dpi and 600 rpm
Drum Speed: Up to 600 rpm
Media: Up to 32" x 40.9" (812 mm x 1,040), 8 variable sizes
Maximum Image Area: 29.9" x 40.1" (761 x 1,020 mm)
On-line Processor Option: LD-T1100

Rampage Configurations

Rampage is comprised of modular components that can be combined into a single PC or distributed across several PCs working in parallel. The terminology used to describe these various configurations is as follows:
Standalone RIP - Is a PC that includes the RIP and a screening card to an imagesetter or platesetter. It may or may not include the Film File Processor option for proofing.
Satellite RIP - Is a PC that includes the RIP, but breaks the screening card out to a dedicated PC known as a Shooter. Shooter - Is a PC that includes a screening card to interface to an imagesetter, platesetter, or halftone proofing system. For most devices, the screening card interfaces directly to the recorder. For others, a Shooter generates 1-bit TIFF files that are fed to a TIFF downloader.
Digital Light Table (DLT) - Is a PC that is dedicated to the Film File Processor (FFP) option or to the FFP and RAMproof Direct. In a configuration without a Digital Light Table, the FFP resides in a Standalone RIP or Satellite RIP.

Epson 9000 Plotter with CGS RIP and Inks
A ripped/trapped file is sent to the CGS RIP which colour correct for press to output a high res digital proof. Once the proof is approved the same file is sent to the Imagesetter and Platesetter.

Rampage Digital Light Table (DLT)
This is a Windows NT Workstation computer supplied by Rampage.
This station is a special Rampage RIP that has a component called the FFP board. The FFP board allows this RIP to preview the trapping and to create lowres, 600dpi or 300dpi versions of jobs. The FFP board can generate the following TIFF files for use with the DCP products: uncompressed, LZW compressed, or compressed with an EPS wrapper. The FFP will also generate other common file formats.

Rampage Client Stations
This software only runs on Macs. It can be installed on any Mac, and be running while other applications are being used.

This software allows the user to control the Rampage system: create setups; control the queue; & etc.

Topknotch Rampage Workflow

Legend
———— Actual Data Flow
---------- Conceptual Data Flow