Printernet III
Computerised Printer Control

Printernet in Brief

- ½ point trims allowing more accurate printing
- Networking – saves time and money
- Compatible with floppy disk drive
- Compatible with most data

Punched paper tape together with the remarkable old Bell and Howell Light Valves have been the main exposure control mechanism on Motion Picture Printers for over 25 years. That they have lasted that long is a tribute to the original design. However, this old technology now carries an overhead on inferior performance and high service costs when compared with modern systems.

Printernet III is a printer control system for upgrading additive printers to computer control. The paper tape "High Speed Reader" is replaced with a standard PC which contains all the necessary interfaces to drive the printer, electronic light valves and fader. The printing data can be read from the central memory through an electronic network (LAN) from floppy disk or from punched tape.
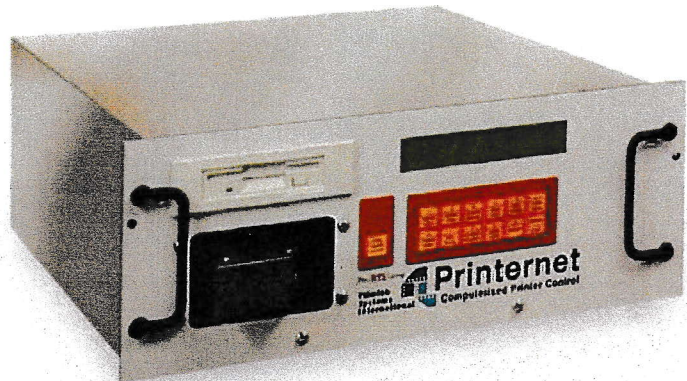
Printernet standard Facilities

Printernet is a complete replacement for the "high speed reader" which is the usual means for controlling the printer. FCC is standard for cueing although it will also accept cues from external notch or RFQ units. Printernet can be fitted to both model C and Modular printers and other manufacturers printers on request.

PRINTERNET now handles trims in ½ printer point steps and other manufacturers printer collection data such as HFC and Bremson as well as the original Filmlab formats.

Integration with INPS – Access to scene to scene light change data

Printernet accepts data collected from the network or direct from floppy disk. As well as the normal options for making prints, PRINTERNET also includes a number of self test features. These test the light valves and fader interlocks.
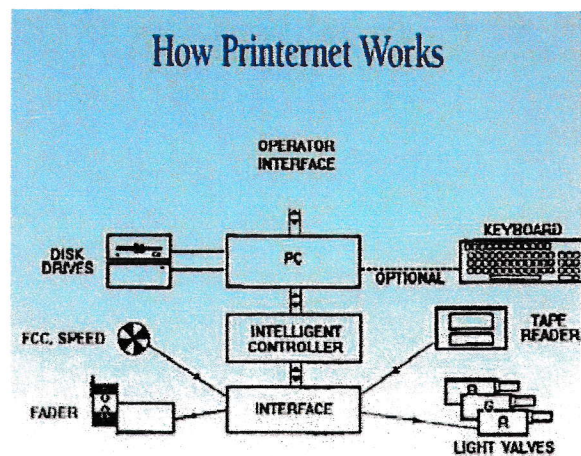
Light Valve Fader Upgrade with Printernet III

Any laboratory converting its printers to computer control should consider upgrading their mechanical light valves and fader at the same time. Printernet III interfaces to BHP electronic light valves and fader with increased accuracy and repeatability.

Operation with punch tapes

All laboratories have negatives with existing punch data tapes. If one of these negatives has to be reprinted it is recommended that the tapes are read into INPS using the tape reader attached to the INPS system. The job can then be printed in the normal way. Alternatively the tape can be read directly by the Printernet station, provided that it is fitted with the tape reader head.

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