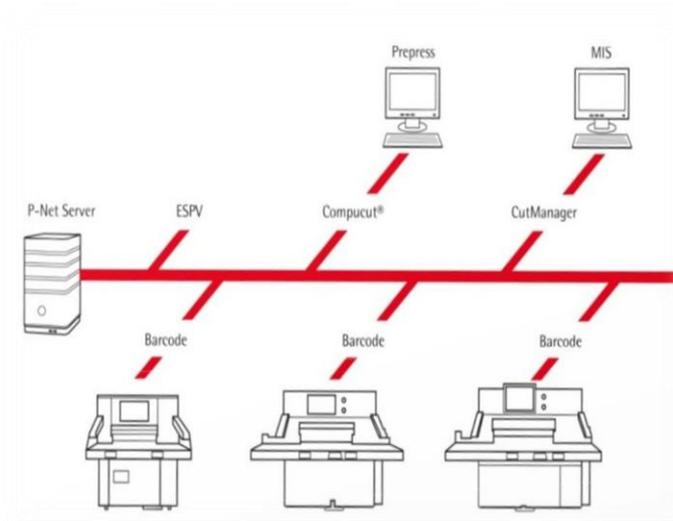


# POLAR P-Net: Workflow Integration

Software for integration into the Print shop workflow



## Description of the system

With P-Net you can not only integrate cutting machines in the print shop workflow but you can optimize your workflow as well. The heart of the network is the P-Net server. It is the central control system for all P-Net services.

### P-Net Service: Compucut®

- ❖ Reduces programming time to almost zero
- ❖ Increase the productivity of the High-Speed Cutter
- ❖ Transfer of sheet layout with real images (only N PRO)

The creation of the cutting program is based on a digital transferred sheet layout from prepress (ppf/jdf). Depending on the structure of the layout, the generation of the cutting program can be done manually, semi-automatic (only for homogeneous sheets). For the best possible program sequence, the cutting programs are automatically optimized with all the necessary comments, additional functions and operator instructions. After creating the cutting program it will be transferred to either the ESPV or the High-Speed-Cutter.

### P-Net Service: ESPV

- ❖ Central database for any number of cutting programs
- ❖ Faster and more efficient access of everyone in the network integrated cutter

ESPV is the abbreviation for "External cutting program management". With the help of this central database, the memory of the cutting machine can be extended as well

as cutting programs transferred between several machines.

### P-Net Service: Barcode

- ❖ Time consuming search of cutting program is eliminated  
→ With the barcode the correct cutting program is automatically loaded

For this purpose, the name of the cutting program (NET, N PLUS: 16 characters max.) is encoded in the barcode. A direct data encryption of cut positions is not possible. The barcode can be compiled from the data fields job number, job name, sheet name and / or customer name.

### P-Net Service: CutManager

- ❖ Operating data logging for cost and performance transparency
- ❖ Quick overview of the current production progress on High-Speed Cutter

CutManager is the interface for the data exchange between the Prinect Postpress Manager of Heidelberg and the POLAR High-Speed Cutters. What has so far been recorded manually, is now reported automatically in parallel to the ongoing production.

