

softJET II - version 2.3A

softJET II is a program for IBM PC's and compatibles that will preview any portrait mode HP LaserJet PCL output file on your screen in full 300 dpi WYSIWYG detail. It shows all fonts (including soft fonts), graphics and patterns as they will appear when printed at varying zoom levels depending on your screen type. You can PageUp/PageDown and go to any page in your output document.

How Does it Work?

softJET accepts, as input, a DOS file containing HP LaserJet Printer Command Language (PCL) codes, text and data which is the output from your application software, whether a word processor, text formatter or utility program.

Generally if you can print a file by entering:

```
COPY/B filename PRN
```

from the DOS command line then you can enter:

```
SJ filename
```

to preview it on your screen on any of the popular graphics displays. Any combination of applications and utility programs that you currently use to compose your LaserJet output can be previewed by **softJET**. If your application software is capable of mixing text and graphics on a single page then **softJET** will preview it accurately on the screen.

A list of features includes:

- Complete LaserJet emulation in portrait mode only including **raster graphics**, **rules**, **patterns**, **macros** and **soft fonts** (up to 60 points),
- display of **LETTER**, **LEGAL**, **A4** and **B5** paper sizes,
- accurate display of your **soft fonts** on screen,
- **pageUp**, **pageDn** and **go to any page** of the output,
- draft and zoom mode preview with **scroll** and **pan** in the zoom mode.

Font Cartridge Support

In order to accurately preview output that requires an HP font cartridge **softJET** must have the font data available to it.

softJET supports these font cartridges at two levels: *Spacing* support and *Image* support.

Spacing support refers to the font metric data (width, height etc.) for each character of each font on the cartridge. The **softJET** package includes spacing data for all cartridges **A** to **Z** with the exception of **P** and **V**. This allows for an accurate draft preview since the draft view shows only the area contained by the character cell and not the character image itself (this is called *greeking*). The purpose of the draft view is to present an overall view of the printed page.

Image support refers to the actual character images. The image data for the internal Courier and Line Printer fonts are included in the package as well those for the Tms Rmn F cartridge. Complete support for the cartridges is also available (refer to the order form for more details).

A description of the binary format for the spacing and image files is included so that you can create your own cartridge support files if you need to.

Soft Font Support

When previewing output that uses any HP compatible soft fonts you must "preload" these fonts into **softJET**'s working environment. Once preloaded these soft fonts are available for previewing and downloading to your printer any time **softJET** is run.

When soft fonts are included as an integral part of the output file being previewed **softJET** will automatically extract the spacing and image data for previewing.

Compatibility

softJET II is compatible with portrait mode output to the HP LaserJet, LaserJetPlus, LaserJet500Plus and compatible laser printers and has been tested to preview the output from many applications including:

WORD PROCESSORS: Microsoft Word, Multimate, WordPerfect 4 & 5, WordStar, WordStar 2000, WordStar Professional, PC-Write, Q&A Write, Sprint

TEXT FORMATTERS: GML/PC, JetRoff, LaserScript, LaserSet, PCTeX, PowerText BookMaker, *scLaserplus*, troff, TurboTeX

FORMS PACKAGES: FormSet, iPrint

OTHERS: THEME

System Requirements

softJET II runs on the IBM PC/XT/AT and PS/2 computers or 100% compatibles and requires a minimum of 256K RAM, DOS 2.x or 3.x and a CGA, MCGA, EGA, VGA or Hercules™ compat-

ible graphics card. A hard disk or large RAM
disk area is also recommended.

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