<div align="center">

VPIC ver 5.1d REFERENCE CARD

© Copyright 1990 - 1992 by Bob Montgomery, All Rights Reserved. [CIS 73357,3140]

</div>

VPIC is a fast, easy to use file viewer/converter for **EGA**, **VGA** and **SuperVGA** display adapters. It supports **8514A, Acumos, Ahead (A & B chip), ATI, Chips & Technology, Everex, Genoa, Headland (Video 7), NCR, Oak, Paradise, Primus, QVision, Realtek, S3, Trident (8800 BR & CS and 8900), Tseng (ET3000 & ET4000 chip), Western Digital, and Zymos VGA** chips in all **VGA/EGA** graphics modes. If your board supports the **VESA** standard, it is autodetected and used. It is configurable for your display card using a plain text configuration file and the accompanying **CONFIG** and **CVPIC** configuration programs. It includes a comprehensive DOC file.

<u>File Formats Supported:</u> VPIC will display ,and convert to, the following graphics file formats:

BIF Binary Image Format B&W Image Capture board files (display only).

BMP Microsoft Windows 3.0 Bitmaps, uncompressed and compressed (change **RLE** to **BMP** extension). Save is **W**.

GIF (GIF87a and GIF89a) viewing, normal and interlaced (Fractint **FRA** viewing too).

GIF (GIF87a) saves in normal (**G**), interlaced (**I**), inverted (**U**), mirrored (**M**), rotated CW (**>**) or CCW (**<**) 90°.

LBM Deluxe Paint VGA format, regular and enhanced (IFF Electronic Arts files too). Save command is **D**.

MAC file (display only).

PIC Pictor/PC Paint and ViewPoint (ViewSonic) files. Save command is **P**.

PCX including the VGA version 1.61 of PC Paintbrush. Save command is **Z**.

CUT Dr Halo machine independent format with a palette file. Save command is **C**.

SCx file formats for Colorix and EGA Paint. Save command is **R**.

TGA Targa 8 thru 32 bits/pixel normal and compressed file formats. Sierra and ATT DAC support too. Save is **T**.

<u>Modes:</u> VPIC has 3 modes of operation from the DOS command line; **<u>Menu</u>**: *vpicl [path\][filespec] [options]*, **<u>Single File</u>**:

vpic [path\]filename[.ext] [options], and **<u>Slideshow</u>**: *vpic /@[path\]slidefile*. The entries inside [ ] are optional, and:

path specifies a drive/directory for the Menu, Single File, or Slideshow.

filename[.ext] specifies a **<u>Single File</u>** to show (GIF ext assumed). **filespec** is a DOS filespec such as c*.pcx for the **<u>Menu</u>**.

slidefile is an ASCII command file for the Slideshow. The pictures are shown in the order listed, and you can spec a delay, resolution, and animation for each picture. **Spacebar** pauses the Slideshow, and **ESC** ends it.

<u>Options</u>: The following options apply to Menu and Single File mode except where noted, and need a space between multiple options.

/a specifies auto resolution select.   **/b** specifies beep after decoding each file.

/d saves files to default directory.   **/e** specifies 16 color (EGA) mode. **/?** shows this help screen.

/h lists hidden files in the Menu; great files you don't want to come up in menu normally such as x rated.

/l specifies to not change the video mode for a Single File; great for multi image screens called from an application with /r.

/mN specifies locking mode N for Menu or Single File; mode as defined in the config file.

/o tells VPIC <u>not</u> to check for EGA/VGA; use configuration info.   **/p** Doesn't swap background colors for GIFs.

/r specifies return to the calling application after showing a Single File without changing the screen.

/w specifies to wait for a keypress between images (in a multi-image GIF file only).

/xN & /yN specify a left & top margin (in pixels) for the picture.   **/v** tells VPIC to ignore VESA info.

/z inhibits printing the picture filename when it is displayed for Menu or Single File.

<u>Fast, easy menu system with mouse support and the following features:</u> (Left click mouse on commands or resolutions)

Handles up to **2000 files** using mouse or keyboard.

Cursor moved with **arrow keys**, **PgUp/PgDn keys**, or **starting letter/number** of filenames.

Files are **Marked/Unmarked** for viewing with the **Spacebar** or **right mouse button**.

F1 displays built in **help/menu**.   **F2** does a **slideshow of marked files** in the order they were marked.

Enter shows **marked files** in the order they were marked, or file at cursor. **Alt_Enter** shows previous marked file.

F3 shows **size and colors** of picture at cursor.   **F4** selects between **256 and 16 color** modes.

F5/F6 decrease/increase default resolution.

F7 selects **Normal/Lock/Auto** resolution. Auto picks the best resolution. Lock always uses default

mode.
  F8 waits for a keypress between images in multi-image GIF's.
  F9 prompts for **new path and filespec**. **F10** shows current directory.
  Alt_D prompts for new slide delay in seconds. **Alt_X deletes file at cursor** (with users permission; ESC or N aborts).
  Alt_T marks (tags) and **Alt_U** unmarks all files in menu. **Alt_L** prompts for new location (x & y margins).
  Alt_R renames the file at the cursor; prompts for a new filename and uses the old extension if one is not given.
  Menu automatically updated and picture decoding aborted with ESC.
Commands while viewing a picture: (mouse buttons: left=Enter, right=ESC while decoding)
  A Animates the picture by rotating the palette; **Up/Dn** & **PgUp/PgDn** increase/decrease rate.
  Spacebar pauses, **Enter** holds.
  B converts screen image to gray shades. **E** expands a compressed *Targa* file to disk.
  F prompts for another file, and the x,y offset; allows you to make composite pictures. Works best with /m, /x, and /y.
  F1-F10 are adjustments for red, green, blue, brightness, and contrast for VGA viewing. **Alt F10** restores original palette.
  Up/Down arrows and **PgUp/PgDn** scroll picture vertically if bigger than screen (with enough display memory). VPIC does not scroll sideways; see **VPIC.DOC** section on `How VPIC Works'.
  Alt_F momentarily displays filename while viewing. **/ or ?** displays built in **help/menu**.
  Alt_X deletes the current file (with users permission; ESC or N aborts). **V** inverts video.
  For marked files: **Enter** views next, **Alt_Enter** view previous, **ESC** quits to menu, **Alt_U** unmarks in menu.
  C, D, G, I, M, P, R, T, U, W, Z, <, > are file conversion/manipulation commands; see **VPIC.DOC**.
Configuring VPIC: You can configure **VPIC** from a menu by simply entering **CONFIG** from DOS with **CONFIG**, **VPIC**, **CVPIC** and all the **configuration** files (.cfg extension) in the current directory. Then select the desired config file using the arrow keys and press **Enter**; **ESC** aborts **CONFIG**. **VPIC** can be configred manually by entering **cvpic configfile** from DOS. The **WHICHVGA** program tries to identify your VGA chip; see **CONFIG.DOC**.

History: The first program was **VGIF**, which could display only **GIF** files. It became **VPIC** in 1988 when it acquired the ability to display other graphics file formats. Version 6.0 will start adding advanced features; see VPIC60.DOC.

VPIC is continually being improved, and new features are added all the time. Check it out. You can register **VPIC** for only **$20 ($25 foreign)**, which includes an update to the latest version. For registered user, you can get updates from me for $5 ($10 foreign) to cover shipping and handling. As a **bonus**, I will fill the rest of the disk with good GIF pictures. <u>Please specify disk type; **1.2M 5.25"** or **1.44M 3.5"** (don't ship low density), and **EGA**, **VGA**, or **SuperVGA** (640x480x256, etc) pictures.</u> For foreign orders, please send an **International or US Postal Money Order, check drawn on a US Bank, Travelers Check, or cash**, since the banks charge up to $60 total collection fees for foreign checks.
        Bob Montgomery
        543 Via Fontana #203
        Altamonte Springs, FL 32714-3172

VPIC 6.0 ANNOUNCEMENT

VPIC 5.1d is the last version with a $15 price tag. The newer features which users are requesting will require significant time to incorporate, and will require a price increase. **Version 6.0** will start adding advanced features to **VPIC**, and the base price will be $25. The shipping and handling for the latest version with about 1M of pictures is the same, at $5 inside the USA and Canada and $10 foreign, and now includes a printed manual. The program will retain the fast, easy, intuitive operation that **VPIC** users have come to expect. Registered **VPIC** users may upgrade to version 6.x for $10, plus shipping and handling if you want the latest version from me; also includes about 1M of good GIF pictures (please specify VGA, SuperVGA, or 1024x768, and hi-density disk size [3.5" or 5.25"]).

The first of these advanced features is a **directory tree**, which is already in place in **version 6.0** and available now. This makes changing directories a snap; you press **Alt F9**, or click the mouse on **DIR**, and **VPIC** presents a 4 column folded **directory tree** on the menu screen with subdirectory levels indicated. Then you simply cursor over to (or click the mouse on) the directory you want, and the viewable files instantly appear in the menu. To make this even faster, the first time you run **VPIC** and request a **directory tree**, **VPIC** scans the current drive and saves the data to a file. The next time you request a **directory tree**, **VPIC** simply reads the file and the **directory tree** appears almost instantly. The file ($$drivex where x is the drive letter) is saved in the same directory where **VPIC** is located, so **VPIC** can be run from anywhere (if it is in your path) and the drive files can be found. The other drives are listed on line 2 of the **directory tree**, and you can press the drive letter, or click with the mouse, to get a **directory tree** of that drive. You also have the option to rescan the drive if you have added or deleted directories.

The second feature is a really **good** 16 color palette selection for viewing 256 color pictures in 16 color modes (ie, VGA 640x480x16).

The third is **VESA 1.2** support, so all modes (including hi-color) are automatically detected if your display board supports the VESA standard correctly. The older S3 boards (Orchid Fahrenheit 1280 and Diamond Stealth) didn't, so you have to do **vpic /v** to make **vpic** ignore VESA info. Also added means of telling **vpic** which hi-color mode (32K, 64K, 0r 16.7M) to use for Targa's.

Other features in the works are:
  TIFF support
  24 bit BMP and PCX support.
  Color Reduction for 15, 16, and 24 bit files (Targa, TIFF, BMP, PCX).
  Extended and Expanded memory support.
  Intelligent resizing of the picture to the screen.
  Cutting a portion of the screen to a new file.