

## IMAGE ARCHIVE VERSION 2.1

### 1. Requirements

- Windows 3.0 or 3.1
- at least 2MB of RAM
- color super VGA with at least 640x480x256 resolution. 16-bit and 24-bit color VGA are recommended

### 2. View files

Image files with the following formats can be view with ImageArchive:

- Tag Image File Format (.TIF)
- Targa Image File Format (.TGA)
- JPEG Interchange Format (.JIF)
- Windows Bitmap Format (.BMP)
- Paintbrush Format (.PCX)
- Graphic Interchange Format (.GIF)

To view an image file, select File|Open and then choose a desired format. One can open as many files as the memory of your computer can handle.

### 3. Save File

An opened image file can be saved in another format. An image can be saved in the following format:

- Tag Image File Format (.TIF)
- Targa Image File Format (.TGA)
- Windows Bitmap Format (.BMP)
- Paintbrush Format (.PCX)

Please note that in order to save it in JPEG format, you must go to "Compression" menu instead.

### 4. Compression

In order to select "Compression" menu, an image file must be open. From Compression menu, the user can select either "Lossy Compression" and "Lossless Compression".

#### (1) Lossy compression

Lossy compression, by definition, may cause losse of image details, but on the other hand can achieve as much as 50:1 compression ratio. The ratio varies depending on the image content. In addition, the user can control the compression level from the "Lossy Compression" dialog box. 0 gives you the lowest compression ratio while 100 gives you the highest.

To change compression level, adjust the horizontal scrollbar. The default is 50, which brings around 15:1 ratio for most image files with little visible loss.

To compress an image, select/enter a name for the file on which the compressed image is to be stored, and click on "Compress" button. The compressed file will be in JPEG format.

#### (2) Lossless compression

Lossless compression will preserve every bit of information in the image. However it cannot achieve very high compression ratio, usually around 2:1.

To compress an image, select/enter a name for the file on which the compressed image is to be stored, and click on "Compress" button. The compressed file will be in JPEG format.

## **5. Consulting Service from the Author**

The author of this program, an experienced software developer for Mac, DOS and Windows, is available for consulting on projects suitable for his skills. He specializes in image processing, video compression and pattern recognition. His past accomplishments include:

- An image processing application (similar to PhotoStyler from Aldus) on Mac System 7 using Symantec Think C as developing tool.
- an OCR application for MS Windows using MS C 7.0 + SDK 3.1.
- A video compression application using H.261 scheme and MPEG
- A tutoring application for X Window System using Motif Tool Kits

For more information on his tele-consulting service, please contact Information System International via e-mail or mail.

## **6. Registration**

If you like this program, please register for only \$35.00. As a bonus, you can send us up to 10 pictures of your own along with your registration and have them scanned in 24-bit color with no additional charge.

## **7. Source code**

The source code of this program, written in Microsoft C/C++ 7.0, is available for \$199.95 along with unlimited technical support via e-mail.

## **8. Image Compression/Conversion DLL for Windows**

The Image Compression/Conversion DLL for Windows includes routines that load from and save to all major graphics file formats, including compression and decompression of JPEG files. They can be used with MS C, Borland C, Visual Basic, Borland Pascal and any other compiler that supports DLL. It is available with source code in C and full documentations for \$100.

## **9. How to Contact Information System International**

E-mail: Compuserve: 75230,1437  
Internet: 75230.1437@Compuserve.Com

US mail: Information System International  
7462 E Fishers Station Dr. Suite 111  
Fishers, IN 46038

**ImageArchive Registration Form:**

☐ **Yes**, I would like to register for ImageArchive for Windows . I have enclosed \$35.00  
☐ **Yes**, I would like to get 10 pictures of my own scanned in 24-bit color FREE WITH MY REGISTRATION. Enclosed please find the pictures. I understand that the original pictures will be returned intact.

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State/Province \_\_\_\_\_ Zip \_\_\_\_\_

Please mail to: Information System International  
7462 E Fishers Station Dr. Suite 111  
Fishers, IN 46038

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**ImageArchive for Windows Source Code Request Form:**

☐ **Yes**, I would like to receive a fully annotated listing of source code for ImageArchive for Windows. I have enclosed \$199.95.

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State/Province \_\_\_\_\_ Zip \_\_\_\_\_

Please mail to: Information System International  
7462 E Fishers Station Dr. Suite 111  
Fishers, IN 46038

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**Image Conversion/Compression DLL for Windows Request Form:**

☐ **Yes**, I would like to receive Image Compression/Conversion DLL for Windows including all source code and full documentations. I have enclosed \$100.

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State/Province \_\_\_\_\_ Zip \_\_\_\_\_

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