



# *EasyFileViewer*

The Fast and Easy Way to Open Files

Product White Paper  
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# *EasyFileViewer*

## **ParetoLogic EasyFileViewer**

ParetoLogic EasyFileViewer is software that allows users to view a wide variety of image, document and archive file formats. EasyFileViewer lets users view files even if the creating software is not installed on their computers. Once the file is open, this program has tools to help users work with the file, such as zooming in/out, copying text or saving a file from an archive to a certain location.

To download ParetoLogic EasyFileViewer, check out [www.paretologic.com](http://www.paretologic.com)

### **ParetoLogic – The Company**

Headquartered in Victoria, British Columbia, Canada, ParetoLogic, Inc. is an international software development company. We specialize in easy-to-use security, optimization and utility software designed to help computer users of all experience levels and backgrounds. Our programs are focused on solving common computer problems and improving the user's computing experience.

ParetoLogic products have been downloaded in more than 196 countries. Some products are available in up to 10 languages. ParetoLogic software has been installed on millions of computers and solved countless PC problems around the world.

ParetoLogic's success and growth can in part be attributed to being innovative and creating software computer users need. As well as developing efficient solutions, ParetoLogic has gained a reputation for producing products with intuitive interfaces. The company is also known for its dedication to providing exceptional customer services, including via its technical support team.



# EasyFileViewer

## This paper includes the following:

File formats	4
File extensions	4
EasyFileViewer - Abilities and Views	6
Document View	7
Image View	8
Archive View	9
Open Files Fast and Easy	11



This white paper includes information and recommendations about ParetoLogic EasyFileViewer. This document is not intended for instructional purposes. For detailed instructions, please refer to the EasyFileViewer help file, which can be accessed via the program.



# EasyFileViewer

## File Formats

Computers store data as bits. When a computer user creates a file, that information must be converted to 0s and 1s to be stored. A file format is the way the data is encoded and organized.

Some file formats are developed for a certain kind of data. PNG files, also known as Portable (Public) Network Graphic files, are for storing bitmapped images using a specific kind of data compression.

However, a Doc file, also known as Word Document and associated with Microsoft Word, could conceivably contain text, photos, graphics, charts, etc. Within format types, there can be different kinds of formats. For example, 7z, Gz, RAR and Zip are all different kinds of archive files. Some programs can open certain types of archive files and not others.

In order for a computer user to be able to view a file, they must have software that recognizes how the data is encoded. There are thousands of kinds of file formats, some working with a single specific program only.

## File Extensions

One very common way operating systems such as Microsoft Windows determine the format of a file is by using file extensions. These are suffixes that commonly follow the file name and a period. For example, let's look at sample.pdf. Sample is the file name, while .pdf is the file extension. This extension indicates to your PC the file is in Portable Document Format. This is associated with Adobe software, such as Adobe Acrobat and Adobe Reader.

When file extensions first were used, they indicated generic file types. The file extension GFX was commonly used for all graphic files. Over time, specific file extensions were created. In some cases, these file extensions were associated with certain software or even a versions of a program. For example, doc is most commonly associated with Microsoft Word. The file extension docx is associated with Word 2007 and newer versions.



# EasyFileViewer

The Windows Operating System associates certain file extensions with specific software – to view, print and edit the file. These are called file associations. If a file extension does not have a file association, your PC will not know which software to try to open it with.

File extensions can be very useful in helping computer users decide which software to open a file with. At times, the file extension appears to be missing. This is often just Windows hiding it by default. You can see the file type and extension by right-clicking on the file and selecting “Properties.”

You can also set Windows to show file extensions by:

1. Opening a folder on your hard drive (for example, "My Computer" or "My Documents")
2. Under the "Tools" menu, click on "Folder Options."
3. Go to the "View" tab. Under the Advanced Settings, find "Hide extensions for known file types."
4. The box should be empty – if there is a checkmark, click to remove it. . Click "OK". The extensions should now be visible.

Another challenge with file extensions is that there are so many kinds. For example, just the Microsoft Office Suite itself utilizes such extensions as docx (for Microsoft Word), xlsx (Microsoft Excel), and pptx (PowerPoint) – just to name a few. In other cases, some programs mostly only use one or a few kinds of file extensions. It can be very costly for a user to license a variety of software for all the file extensions they come across.

As well, these programs can take up valuable memory space and resources.



# EasyFileViewer

## EasyFileViewer: The File Opening Solution

ParetoLogic EasyFileViewer is a solution to the file frustrations commonly faced by computer users. It can open a wide range of document, image and archive file types for viewing. You do not have to have the creating software installed on your computer.

This can be very helpful for opening files:

- From friends, family, or coworkers. These can come via email, FTP sites, torrents, flash drives, floppy disks and other distribution and storage methods.
- When you are quickly searching for a certain file in a folder and are not sure of its name. You can quickly drag a file onto EasyFileViewer and take a quick look to see if it is what you are looking for.
- If you are double-checking content before sending via email and other methods
- In other situations where a quick and easy way to open a variety of document, image and archive file types would be beneficial.

ParetoLogic EasyFileViewer utilizes three main “views” to display your files: Document, Image and Archive. Each has its own use and features. As well, EasyFileViewer also features a properties and hex view.

The Properties View displays basic information about the file you are attempting to view. This data includes file name, file type, location on your computer and when it was created, last modified and last viewed. If you are trying to open a file format that EasyFileViewer does not currently support, you will automatically be taken to the properties view. The information displayed there can help you find software to open the file.

Hex View shows the hexadecimal information of the file. This can be useful to advanced users. Most users will receive the most benefit from the Document, Image and Archive views.



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## Document View

Documents are computer files that are not executables. That means that other software is needed to view them. EasyFileViewer's Document View is used to open a wide range of file formats. These files can be created using such software as word processing programs, text editors and spreadsheets. As well, the Document View is able to open text-based files for web work, including htm and html files.

The table below shows many of the file extensions the Document View can be used to open:

<b>Extension</b>	<b>File Type</b>
.ASC	ASCII text
.CFG	Configuration file
.INFO	Informational file
.LOG	Log file
.PHP	Hypertext Preprocessor File
.TXT	Text file
.EPUB	Electronic publication
.RTF	Rich Text Format
.DOC	Microsoft Word 97-2003
.DOCX	Microsoft Word 2007 and newer
.CSV	Comma separated variables
.XLS	Microsoft Excel file
.XLSX	Microsoft Excel 2007 and newer file
.HTM	Hypertext Markup Language file
.HTML	Hypertext Markup Language file
.CAB	Cabinet compressed file
.C	C source code file
.CPP	C++ source code file
.H	C header file

EasyFileViewer's main purpose is to allow you to view your files. It does, however, include some helpful tools. In Document View, you can use "Select all text", "Copy to Clipboard" or search for specific words in the document.



# EasyFileViewer

## Image View

Image file formats are used to store digital images. They can be raster images or vector or a combination of both. In raster images, pixels (the smallest screen element) make the picture, while vector images are made up of paths or lines.

Image files can be compressed. Lossless compression reduces the file size without sacrificing image quality. Examples of lossless compression image file types are .tiff and .png files. Lossy compression, using an algorithm, removes what it considers to be unneeded data. It can create smaller file sizes than lossless compression, but image quality can suffer. JPEGS are an example of files using lossy compression.

As well as images, photos and graphics, EasyFileViewer's Image View is used to open PDF files. PDF stands for Portable Document Format. The format can include text, images and even links.

EasyFileViewer lets you open these file formats in Image View:

<b>Extension</b>	<b>File Type</b>
.BMP	Bitmap image file
.GIF	Graphical Interchange Format image file
.ICO	Icon file
.JPEG	Joint Photographic Experts Group
.JFIF	JPEG File Interchange Format
.JPE	JPEG image file
.JPG	JPEG image file
.PNG	Portable Network Graphics image file
.TIF	Tagged image File
.TIFF	Tagged image File

The default in EasyFileViewer is that it will display files at the best possible resolution that still fits in the program window. Using EasyFileViewer's feature buttons, you can zoom in/out, zoom to fit image in the window or view the image at 100 per cent. You can also rotate the image.



# EasyFileViewer

## Archive View

In computing, an archive file is one in which a collection of files have been packaged together. This is often done for a number of reasons:

- Backing up files
- Sending files to someone
- Transporting files
- Reducing file size to increase storage space

Often archive files are compressed. However, they do not have to be. Often .tar files are an uncompressed archive. However, a .tar file can also be compressed.

Software such as WinZip is often used to create archive files. However, on your PC, you can create a compressed archive file by:

1. Locating the folder or files you want archived
2. Right clicking on the file or folder, putting the pointer on “Send to” and then clicking “Compressed (zipped) folder”.

This will create a new compressed file in the same directory. If you want to change the archive’s name, please right click on it, click “Rename” and type in what you want it to be called.

EasyFileViewer will open the following type of archive files:

<b>Extension</b>	<b>File Type</b>
.7z	7 Zip
.GZ	GNU Zip
.ISO	Disk Image File
.RAR	WinRAR compressed archive
.TAR	TAR archive file
.TGZ	TAR compressed file
.ZIP	Zip compressed file
.CAB	Cabinet compressed file



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When you open an archive file in EasyFileViewer, it will “unzip” it and display the contents. By double clicking on a file inside, EasyFileViewer will try to open it. You can also extract files to a location on your computer.



# EasyFileViewer

## Open Files Fast and Easy

With email, FTP sites, zip drives and other easy file transportation methods, people are sharing file more and more often. The problem is that the person receiving the file might not have the same software as the sender.

ParetoLogic EasyFileViewer is a very handy tool to have on your PC, allowing you to quickly and easily open a wide variety of files. You neither have to waste time launching resource-intensive programs, nor searching to find the software that supports that image, document or archive file format. It also includes basic tools to improve your file viewing experience.

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