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**What's New  
in  
Xplorplus**

**by  
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# Xplorplus Changes

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## NOTE

As of 13<sup>th</sup> January 2010 the changes are listed in Latest-Change-First sequence, within versions.

## Version 1.9.5 – 2<sup>nd</sup> February 2018

### ***File Manager***

1. **2<sup>nd</sup> Feb** – Updated Adobe DNG Converter to version 10.
2. **29<sup>th</sup> Jan** – Added menu “Tools → CodeView - Code Viewer...”.
3. **29<sup>th</sup> Jan** – Added menu “Tools → Metrix - Manage Window Fonts and Metrics...”.
4. **29<sup>th</sup> Jan** – Added menu “Tools → MyFace - A Passport Photo Maker...”.
5. **29<sup>th</sup> Jan** – Added menu “Tools → TripMan - Get Trip Directions...”.
6. **29<sup>th</sup> Jan** – Updated the Calendar View display.
7. **29<sup>th</sup> Jan** – Changed the method that Local Network drives are detected.
8. **29<sup>th</sup> Jan** – Improved the method that CPU Usage is calculated.
9. **29<sup>th</sup> Jan** – The display has been updated on various sub-windows.
10. **29<sup>th</sup> Jan** – Fixed a bug that caused Shortcuts to be created incorrectly some times.
11. **29<sup>th</sup> Jan** – Improved the ‘Wipe and Destroy Files...’ feature, to handle files larger than 2 gig.

### ***Image Manager***

1. **29<sup>th</sup> Jan** – Added menu “Edit → View ALL EXIF Tag Values using ExifTool...”.

### ***Reggie - Registry Editor***

1. **29<sup>th</sup> Jan** – Various bugs have been fixed in Reggie.

### ***Code Viewer***

1. **29<sup>th</sup> Jan** – A new Colorized Language-Syntax Code Viewer. It supports the following languages:
  - AWK
  - DOS Batch and Command Files
  - C Sharp
  - C
  - COBOL
  - CSS – Cascading Style Sheets (in HTML)
  - HTML
  - Java
  - Job Control Language (JCL)
  - JavaScript
  - Java Server Pages (JSP)
  - Macromedia eXperience Markup Language (MXML)
  - Perl
  - PHP
  - Programming Language One (PL/I)
  - Programming Language for Microcomputers (PL/M)
  - Procedural Language for SQL (PL/SQL)
  - Pro\*C (Oracle SQL API Compatible C)
  - Python
  - Restructured eXtended eXecutor (REXX)
  - Ruby
  - SQL
  - Visual Basic (VB)



## Xplorplus Changes

- Visual Basic Scripting language (VBS)
  - eXtensible Markup Language (XML)
2. **29<sup>th</sup> Jan** – Language definition files can be changed and added by the user.
  3. **29<sup>th</sup> Jan** – The syntax, comments, and literal colors and fonts can be customized on an individual language basis.
  4. **29<sup>th</sup> Jan** – The Colorized Code can be printed in Color.

### **ExifTool Viewer**

1. **29<sup>th</sup> Jan** – A new custom interface to the popular and excellent ‘ExifTool’ (by Phil Harvey©) DOS command line program. It is designed to display ALL EXIF information for an image.

There is a TEXT search facility to find any TAG or TAG Value.

All discovered TAGS are also stored in Alphabetical Sequence in a dropdown list on start-up, making them easier to locate, as the TAGS are NOT returned in Alphabetical Sequence. Clicking on a TAG name in the list displays its position in the EXIF information window.

### **Metrix - Window Fonts and Metrics Manager**

1. **29<sup>th</sup> Jan** – A new program to allow a Windows 8 and later user to change Fonts, Colors, and Caption Sizes of the Windows display. This feature was made difficult to find starting with Windows 8, and removed in Windows 10. I have attempted to restore at least some of the original features. It has a ‘PLAY MODE’ in which to practice changing Fonts and Metrics, etc. Once the User is comfortable with how it works, they can switch to ‘REAL MODE’ to change the real Window Fonts and Metrics.

### **TripMan – Get Trip Directions**

1. **29<sup>th</sup> Jan** – A new program that reads the Google Maps© database to display directions from a starting location to a destination, within any continent.

It does NOT display a map, so it is ideal to use when travelling, and there is no Sat/Nav available.

The benefit of this program over using the full Google Maps internet app, is the huge difference in Broadband data usage, as no graphics data is downloaded.

**Version 1.9.4 – see Version 1.9.5**  
**Version 1.9.3 – see Version 1.9.5**

## Version 1.9.2 – 11<sup>th</sup> August 2017

### *File Manager*

5. **8<sup>th</sup> Aug** – Now Xplorplus asks before checking for a software update.
6. **8<sup>th</sup> Aug** – Renamed Toolbar Button Captions: “Properties” to “Props” and “Cntl Pnl” to “Control”.
7. **8<sup>th</sup> Aug** – Added a Help button and Help to the “Search” dialog.
8. **8<sup>th</sup> Aug** – Refined the way File and Folder searching is executed.
9. **8<sup>th</sup> Aug** – Updated Adobe DNG Converter to version 9.10.

### *Image Manager*

1. **8<sup>th</sup> Aug** – Added shortcuts Alt-C, Alt-X, and Alt-V to the “Edit → Copy/Cut/Paste” menus.
2. **8<sup>th</sup> Aug** – Added a “Copy/Cut/Paste Store” window, to retain Images or Image Components that have been Copied or Cut, so they can be Pasted at any later time during the session.
3. **8<sup>th</sup> Aug** – Added a “Settings → Show the Copy/Paste Image Store dialog on Copy” menu.
4. **8<sup>th</sup> Aug** – Added a “Settings → Keep Image Store when Viewer Closed” menu.

### *Font Viewer*

1. **11<sup>th</sup> Aug** – Added tooltips to the font name list. The tooltips display the font according to the font name. For instance, Verdana is displayed using an 18 point Verdana font.

### *Image Contact Sheet Manager*

1. **11<sup>th</sup> Aug** – Added a Help button and Help.

## Version 1.9.1 – 31<sup>st</sup> January 2017

### *File Manager*

1. **20<sup>th</sup> Jan** – Changed the File and Folder rename option (F2) in the File List, so that now it doesn't select the file extension part.
2. **20<sup>th</sup> Jan** – Now you can use the shortcut keys "Alt+Left-MouseClick" or "Insert", as well as "F2" or "Ctrl-R", to start renaming the selected file or folder in the active FILE list.

### *Image Manager*

1. **31<sup>st</sup> Jan** – Fixed a bug in the Scanning (Acquiring) option. The bug caused Image Manager to loose the acquired image after it had been closed and re-opened, before scanning again.
2. **15<sup>th</sup> Jan** – Fixed a bug in the resizing of the window, when showing the Preview Image or Properties, and Thumbs Selector.
3. **14<sup>th</sup> Jan** – Now, when reading an ICON file, a sub-window is displayed if there is more than 1 sub-icon contained within the file. Click any of the displayed sub-icons to view in Image Manager.

## **Version 1.8.9 – 8<sup>th</sup> January 2017**

### ***File Manager***

1. **8<sup>th</sup> Jan** – Fixed various minor bugs in the way automatic software updates are processed.

## **Version 1.8.8 – 24<sup>th</sup> December 2016**

### ***Image Manager***

1. **8<sup>th</sup> Dec** – Fixed a bug in handling GIF transparency.
2. **7<sup>th</sup> Dec** – Added the Alpha value of the pixel under the mouse pointer, to the color of the pixel.

### ***File Manager***

1. **23<sup>rd</sup> Dec** – Fixed a bug in the display of the splash window when automatically checking for software updates.
2. **23<sup>rd</sup> Dec** – Changed the automatic software check to ask before proceeding.

### ***Copy Image File Groups to Dated Folders***

1. **24<sup>th</sup> Dec** – Improved the interface.

## Version 1.8.7 – 6<sup>th</sup> December 2016

### *Image Manager*

1. **5<sup>th</sup> Dec** – Improved the interface.
2. **5<sup>th</sup> Dec** – Added menu “Image → Set the Transparency of a Range of Colors”.
3. **5<sup>th</sup> Dec** – Added dialog “Make a Range of Colors Transparent”. This dialog lets you select a color then change its transparency. Also, optionally a variable range of colors around the selected color can be changed too.
4. **5<sup>th</sup> Dec** – Added menu “Image → Set the Transparency of the Entire Image”.
5. **5<sup>th</sup> Dec** – Added dialog “Adjust Image Transparency”. This dialog lets you change the alpha transparency of the entire image.

## Version 1.8.6 – 18<sup>th</sup> October 2016

### *File Manager*

1. **18<sup>th</sup> Oct** – Changed the Toolbar, and Toolbar Icons to 32-pixel 32-bit full colour with Alpha channel Transparency. They are now configurable from a menu displayed by right-clicking the mouse on the toolbar when the mouse icon shows a question mark.



## Version 1.8.4 – 10<sup>th</sup> July 2016

### *File Manager*

1. **10<sup>th</sup> July** – Improved the way file-list Item Info Tips are displayed. Now they are balloon tips.
2. **10<sup>th</sup> July** – Now the Check for Software Updates checks first for a local setup file that had previously been downloaded but not installed. This prevents the same file being downloaded repeatedly, saving time and download bytes.

## Version 1.8.3 – 23<sup>rd</sup> June 2016

### *MyFace – A Passport Photo Maker*

#### **NEW**

1. **23<sup>rd</sup> June** – Added a New application to Make, Save, and Print Passport Photos from any compatible image type. Will make 4x, 9x, and 16x images.

### *File Manager*

1. **23<sup>rd</sup> June** – Added menu “Tools → MyFace – A Passport Photo Maker...”. A new application to make an image into a Passport compliant photo.
2. **8<sup>th</sup> June** – Added menu “Options → Check for Updates Now”.
3. **7<sup>th</sup> June** – Increased the font size of the “File Filter” and ‘Folder History’ drop-down list boxes, to make it easier to see.
4. **7<sup>th</sup> June** – Added menu “Options → Check for Updates Once Per Session”. By default this option is enabled, but can be disabled by Un-Checking the option.
5. **7<sup>th</sup> June** – Added a feature that automatically checks the internet for software updates.
6. **7<sup>th</sup> June** – Fixed a bug that caused Xplorplus to hang when opening folders with more than 15,000 sub-folders.

### *Reggie – Registry Editor*

1. **7<sup>th</sup> June** – Added menu “File → Export Selected Key...” option. This saves all the key values to a .TXT file.
2. **7<sup>th</sup> June** – Added menu “File → Export Selected Entry Values...” option. This saves the selected values to a .TXT file.
3. **7<sup>th</sup> June** – Added menu “Run”. The 15 sub-menus let the user execute various system configuration programs.
4. **7<sup>th</sup> June** – Added a “Key History” drop-down list box, to save the last 30 key selections.
5. **7<sup>th</sup> June** – Added menu “Key → Search for Explanation of this Key Online...” option.
6. **7<sup>th</sup> June** – Added menu “Key → Open ‘???’ Using this Key Name” option. The ‘???’ is sensitive to the key name detected, as follows:
  - a. If the key name is an existing root folder, ‘???’ will show as “Drive”
  - b. If the key name is an existing file, ‘???’ will show as “File”
  - c. If the key name is an existing folder, ‘???’ will show as “Folder”
  - d. If the key name is a valid URL, ‘???’ will show as “URL”
  - e. If the key name is a valid IP address, ‘???’ will show as “IP Address”
7. **7<sup>th</sup> June** – Added menu “Key → Search for Explanation of this Value Online...” option.
8. **7<sup>th</sup> June** – Added menu “Value → Open ‘???’ Using this Key-Entry's Data” option. The ‘???’ is sensitive to the key-entry data detected, as follows:
  - a. If the key-entry data is an existing root folder, ‘???’ will show as “Drive”
  - b. If the key-entry data is an existing file, ‘???’ will show as “File”
  - c. If the key-entry data is an existing folder, ‘???’ will show as “Folder”
  - d. If the key-entry data is a valid URL, ‘???’ will show as “URL”
  - e. If the key-entry data is a valid IP address, ‘???’ will show as “IP Address”
9. **7<sup>th</sup> June** – Added menu “Options → Save Key History Entries on Exit” option.
10. **7<sup>th</sup> June** – Added menu “Options → Clear History Entries Now...” option.

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11. **7<sup>th</sup> June** – Added menu “Key → Open Regedit at this Key” option.

### ***Winky – Windows Key Features***

1. **7<sup>th</sup> June** – Added menu “WIN → Windows Applications”. This Windows 10+ option opens a hidden Windows folder containing ALL the Windows apps.
2. **7<sup>th</sup> June** – Added menu “WIN → Windows Tasks”. This option opens a hidden Windows folder containing ALL the Windows Tasks in 1 folder.
3. **7<sup>th</sup> June** – Added menu “WIN → Windows Settings”. This Windows 10+ option opens the Windows Settings main, or any 1 of the 12 Sub-Category windows.

## Version 1.8.2 – 26<sup>th</sup> May 2016

### *File Manager*

4. **26<sup>th</sup> May 2016** – Renamed the Favorites main menu, to MyPrograms.
5. **26<sup>th</sup> May 2016** – Added a MyFolders main menu, to Add, Store and Access Favorite folders.
6. **26<sup>th</sup> May 2016** – Added a "Tools" → "Wincap – An Enhanced Window Capture Tool..." menu option.
7. **26<sup>th</sup> May 2016** – Added Special Folders: Dropbox; Music; Contacts; Downloads, to the primary folder list in the left-hand panel.
8. **26<sup>th</sup> May 2016** – Fixed a bug where the Splash window sometimes locks up the application.

### *Image Manager*

1. **26<sup>th</sup> May 2016** – Added an "Image" → "Crop Edge Colors..." menu and Dialog.
2. **26<sup>th</sup> May 2016** – Added an "Image" → "Auto-Correct a Skewed Document" option and menu.
3. **26<sup>th</sup> May 2016** – Added an "Image" → "Auto-Correct and Crop a Skewed Document" option and menu.
4. **26<sup>th</sup> May 2016** – Prefixed the "JPEG Lossless Transform" sub-menus with the letters "(JLT)" to confirm they are different.
5. **26<sup>th</sup> May 2016** – Added a "Settings" → "Correct Skewed Scans (up to +/-45 deg)" menu option.
6. **26<sup>th</sup> May 2016** – Added a "Settings" → "Crop Paper-White Edges after Skew Correction" menu option.
7. **26<sup>th</sup> May 2016** – Added a "Settings" → "Use GDI Plus if Available" menu option.
8. **26<sup>th</sup> May 2016** – Added Logging to the "Adjust White Balance with Mouse-Click" menu option.
9. **26<sup>th</sup> May 2016** – Corrected some Undo-Redo bugs arising from some image change options.
10. **26<sup>th</sup> May 2016** – Added an "Average Color" option button to the Image Edge Effects dialog.
11. **26<sup>th</sup> May 2016** – Added a Warning for when Image Transparency is set to more than 80%, which, when set, may appear to cause unexpected results.
12. **26<sup>th</sup> May 2016** – Added an Image Thumbnail to Acquired/Scanned JPEG images.

### *Clear Work Files Dialog*

1. **26<sup>th</sup> May 2016** – Added options to Clear Chrome and Firefox browser object caches.

## **Version 1.8.1 – 9<sup>th</sup> February 2016**

### ***FTP Client***

1. **9<sup>th</sup> February 2016** – Updated the icons, and improved the ergonomics and messaging.

### ***File Manager***

1. **2<sup>nd</sup> February 2016** – Updated “About Xplorplus” and start-up “Splash” window graphics to show a copyright year of 2016, and the new major version number.

### ***Reggie - Registry Editor***

1. **2<sup>nd</sup> February 2016** – Added a menu option “File → Open Windows Registry Editor”. This allows a user to open REGEDIT.EXE at the last working key position.

## Version 1.7.3 – 1<sup>st</sup> February 2016

### *Image Manager*

1. **8<sup>th</sup> December 2015** – Fixed a bug in the mapping of opened image types, to that of the default image save type. This is important when an image is opened but cannot be saved as the same type.
2. **8<sup>th</sup> December 2015** – Added menu option "Replace a Range of Colors...".
3. **19<sup>th</sup> November 2015** – Added a new dialog to enable adjustment of a range of colours to a new colour.

### *Thumb Viewer*

1. **28<sup>th</sup> January 2016** – Added the ability for the Slideshow to be sped up, slowed down, advanced, stopped, and reversed by using touch screen finger swiping gestures, or mouse moves.
  - a. **Slower** – Swipe Finger or Mouse Down
  - b. **Faster** – Swipe Finger or Mouse Up
  - c. **Next Image** – Swipe Finger or Mouse Right to Left
  - d. **Previous Image** – Swipe Finger or Mouse Left to Right
  - e. **Stop Slideshow** – Swipe Finger or Mouse Diagonally Up, in the Top-Left corner of the image.
2. **28<sup>th</sup> January 2016** – Added menu option "Show → Make Swipe Sounds" to confirm the activation of touch screen finger gestured, or mouse commands.
3. **9<sup>th</sup> December 2015** – Added menu option "Options → "Get Thumbs by Header, Not Extension". Selecting this option means the image header is checked for the image type, rather than the extension.

### *Network Viewer*

1. **7<sup>th</sup> December 2015** – Added popup menu option "Show (Hide) File Extensions".

### *Recycle Bin Viewer*

1. **7<sup>th</sup> December 2015** – Added popup menu option "Show (Hide) File Extensions".

### *Rename Multiple Files*

1. **9<sup>th</sup> December 2015** – Changed the option selected "indicator" field font to bold.

### *File Manager*

1. **8<sup>th</sup> December 2015** – Changed Toolbar buttons from 16\*16-pixels to 32\*32-pixels.
2. **11<sup>th</sup> November 2015** – Added menu option "File → Open in Default App...".
3. **11<sup>th</sup> November 2015** – Added menu option "Options → Copy All Text".

### *IE Cache Viewer*

1. **2<sup>nd</sup> December 2015** – Added popup menu option "Copy Cache Entry to Clipboard".
2. **2<sup>nd</sup> December 2015** – Fixed a bug that caused the status bar to not show cache information, when it was available.

## Xplorplus Changes

3. **2<sup>nd</sup> December 2015** – Added a message to say that the file referenced in the cache no longer exists in the file system. This message appears when the cache entry is double-clicked.

### **Send Email Client**

1. **28<sup>th</sup> January 2016** – Added command buttons that function to Recall the last used eMail Recipient Name and eMail address. Also added the same for the last “Cc’d” and “Bcc’d” names and email addresses.

### **Reggie - Registry Editor**

1. **1<sup>st</sup> February** – Now the search engine lets you limit the maximum length of a REG\_BINARY value searched. Byte-lengths are: 2, 4, 8, 16, 32, 64, 256, 1024, 4096, and No Limit. This option is disabled if NOT searching for REG\_BINARY types.
2. **1<sup>st</sup> February** – Added a new menu option “Options → Autosize the Key Entries ‘Value’ Column”. By default it is now NOT auto-sized.
3. **1<sup>st</sup> February** – Added a new menu option “Options → Use Lower-Case Hex Characters for REG\_BINARY”. If checked ‘0D.03.0F.0A’ becomes ‘0d.03.0f.0a’.
4. **29<sup>th</sup> January 2016** – Added a feature that converts 8-byte REG\_BINARY values to a Date-Time value if a valid date-number, and a corresponding menu option.
5. **29<sup>th</sup> January 2016** – Added a feature that converts REG\_QWORD values to a Date-Time value if a valid date-number, and a corresponding menu option.
6. **28<sup>th</sup> January 2016** – Fixed a bug that caused the last subkeys to expand twice under certain circumstances.
7. **28<sup>th</sup> January 2016** – Improved the search engine speed.
8. **28<sup>th</sup> January 2016** – Now the search engine prioritises the Data Type before searching for Entry Names and Entry Data, so is not searched if the data type is not requested.

## **Version 1.7.2 – 17<sup>th</sup> September 2015**

### ***Image Manager***

1. **17<sup>th</sup> September 2015** – Changed Toolbar buttons from 16\*16-pixels to 32\*32-pixels.
2. **9<sup>th</sup> September 2015** – Added a Star Rating toolbar button.



## **Version 1.7.1 – 9<sup>th</sup> September 2015**

### ***FTP Client***

1. **7<sup>th</sup> September 2015** – Fixed a bug caused by minimizing and maximizing window.

### ***File Manager***

1. **9<sup>th</sup> September 2015** – Fixed a bug in the Toolbars.
2. **9<sup>th</sup> September 2015** – Added a message asking the user to select a file before trying to print.

## Version 1.6.5 – 5<sup>th</sup> May 2015

### *Thumb Viewer*

1. **5<sup>th</sup> May 2015** – Added menu option “Slideshow → Show from Selected Image...”. This option allows you to start the slide show anywhere by selecting any 1 thumb, then choosing this menu option.

## Version 1.6.4 – 1<sup>st</sup> May 2015

### *Rename Multiple Files*

1. **9<sup>th</sup> March 2015** – Added an option to add Today's Date, or the file Created or Modified dates, and optionally time, to the name of the file.
2. **16<sup>th</sup> August 2013** – Added the ability to trim characters from the left of a file name using a pattern of characters. Characters are removed up to AND INCLUDING the pattern, if found. Pattern can optionally be case sensitive.

### *File Manager*

1. **1<sup>st</sup> May 2015** – Added menu option “Images → Copy Images to Star Rating Folders...”. This dialog lets you copy image files from a single source folder to multiple folders, which are created and populated based on the star rating of the images.
2. **1<sup>st</sup> May 2015** – Added menu option “Select Image Files by Star Rating” containing:
  - “→ Select All 0 Star and Unrated Image Files”
  - “→ Select All 1 Star Image Files”
  - “→ Select All 2 Star Image Files”
  - “→ Select All 3 Star Image Files”
  - “→ Select All 4 Star Image Files”
  - “→ Select All 5 Star Image Files”
  - “→ Select All Unrateable Images”All the options listed cause image files with the associated star rating to be selected and visible in the active file list. A count of the selected files is summarised in the status bar at the bottom of the form.
3. **9<sup>th</sup> March 2015** – Fixed a bug in the FTP Client that caused Xplorplus to crash if a local folder path was incorrectly specified.
4. **9<sup>th</sup> March 2015** – Added menu “Images → Copy Images to Created Date Folders...”. This dialog lets you copy image files from a single source folder to multiple folders created based on a DAY, MONTH, or YEAR changing in the image file's CREATED dates. All files, or just those selected, can be copied.
5. **9<sup>th</sup> March 2015** – Added menu “Images → Change Image EXIF and File Times, by Hours...”. This dialog lets you effectively “fix” the image EXIF date field “time zone” of all or just the selected image files in a folder. It is useful when you've taken pictures in a different time-zone but forgotten to change the camera time-zone settings. File dates can also be “fixed” as an option.

### *Image Manager*

1. **1<sup>st</sup> May 2015** – Added menu option “Settings → Save Images with EXIF Dates”. This option causes the Image Manager to maintain the original image date as the file date when changed and saved.
2. **1<sup>st</sup> May 2015** – Added a toolbar button to open the “Rate Image by Stars” dialog.
3. **1<sup>st</sup> May 2015** – Added menu option “Options → Show Star Rating Dialog...”. This option opens the “Rate Image by Stars” dialog, which allows you to attach a 0 to 5 star rating to an image without saving the file. The image must have EXIF fields, as do most JPEG and TIFF images.

## Xplorplus Changes

4. **1<sup>st</sup> May 2015** – Added the ability to rate an image by Star Rating to the “Edit EXIF Camera Info Fields”.
5. **1<sup>st</sup> May 2015** – Added menu option “File → Stored Image Parameters...”. This option allows you to view and adjust the way in which the image is stored in a file. Not the “displayed” image parameters.
6. **1<sup>st</sup> May 2015** – Added RAW compatibility for the following 3 cameras:
  - 1) Canon EOS 5DS
  - 2) Canon EOS 5DS R
  - 3) Lenovo A820
7. **9<sup>th</sup> March 2015** – Added RAW compatibility for the following 42 cameras:
  - 1) Canon EOS 7D Mark II
  - 2) Canon EOS 1200D
  - 3) Canon PowerShot G1 X Mark II
  - 4) Canon PowerShot G7 X
  - 5) Canon PowerShot SX60 HS
  - 6) Fujifilm S
  - 7) Fujifilm X100T
  - 8) Fujifilm X30
  - 9) Fujifilm X-T1
  - 10) Leica D-LUX (Typ 109)
  - 11) Leica V-LUX (Typ 114)
  - 12) Nikon D4S
  - 13) Nikon D750
  - 14) Nikon D810
  - 15) Nikon COOLPIX P340
  - 16) Nikon 1 V2/V3
  - 17) Nikon 1 J2/J3/J4
  - 18) Nikon 1 S1/S2
  - 19) Olympus E-PL4/5/6/7
  - 20) Olympus E-M10
  - 21) Panasonic DMC-CM1
  - 22) Panasonic DMC-LX100
  - 23) Panasonic DMC-FZ1000
  - 24) Panasonic DMC-TZ6
  - 25) Panasonic DMC-ZS
  - 26) Pentax K-S1
  - 27) Samsung NX mini
  - 28) Samsung NX3000
  - 29) Samsung NX30
  - 30) Samsung NX1
  - 31) Sony DSC-RX100M
  - 32) Sony ILCA-77M2
  - 33) Sony ILCE-7M2
  - 34) Sony ILCE-7S
  - 35) Sony ILCE
8. **9<sup>th</sup> March 2015** – Added menu “File → Insert → Image(s)...”.
9. **9<sup>th</sup> March 2015** – Added menu “File → Insert → Image(s) with Edge Feather...”.
10. **9<sup>th</sup> March 2015** – Added menu “File → Insert → Image(s) with Shadow (Fixed)...”.

## Xplorplus Changes

11. **9<sup>th</sup> March 2015** – Added menu “File → Insert → Image(s) with Shadow (Automatic)...”  
All these “File → Insert → Image(s)” menu options enable the insertion and overlay of one or more selected images into a source image. The images can then be positioned and sized individually or collectively on the background image.
12. **25<sup>th</sup> May 2014** - Added RAW compatibility for the following cameras:
  - a. Canon EOS C500 4k Cinema Camera
  - b. Canon Powershot A3300
  - c. Canon Powershot G16
  - d. Canon Powershot S120
  - e. Casio EX-ZR100
  - f. Fuji HS50
  - g. Fuji X20
  - h. Fuji X100S
  - i. Fuji SL1000
  - j. Pentax K-3
  - k. Samsung NX300
  - l. Samsung NX2000
13. **25<sup>th</sup> May 2014** – Updated the Adobe DNG Converter sub-application to version 8.3.
14. **16<sup>th</sup> August 2013** – Added RAW compatibility for the following cameras:
  - 1) Canon 6D
  - 2) Canon 1Dx
  - 3) Canon SX50
  - 4) Casio EX-ZR100
  - 5) Fuji XE1
  - 6) Fuji XF1
  - 7) Pentax K-5 IIs
  - 8) Samsung EX2F
15. **16<sup>th</sup> August 2013** – Updated the Adobe DNG Converter sub-application to version 8.1.

## Version 1.6.3 – 26<sup>th</sup> July 2011

### *Image Manager*

1. **26<sup>th</sup> July** – Added “Auto Font Size Text” to the “Object(s) → New” menu.
2. **26<sup>th</sup> July** – Added “File Name Text” and “File Name Text (no Ext)” to the “Object(s) → New” menu. These options allow the easy insertion of a File Name caption into the image.
3. **26<sup>th</sup> July** – Updated the Adobe DNG Converter sub-application to version 6.3.
4. **26<sup>th</sup> July** – Added RAW compatibility for the following cameras:
  - a. Canon 600D
  - b. Canon 1100D
  - c. Fuji HS20EXR
  - d. Fuji F550EXR
  - e. Fuji X100
  - f. Hasselblad 9044x6732 back
  - g. Kodak Z990
  - h. Leaf AFi-II 12
  - i. Leaf 1068x1464 back
  - j. Nikon D5100
  - k. Samsung NX11
  - l. Samsung NX100
5. **11<sup>th</sup> November** – Updated the Adobe DNG Converter sub-application to version 6.2.
6. **11<sup>th</sup> November** – Added RAW compatibility for the following cameras:
  - m. Canon SX120
  - n. Canon PowerShot G12 (improved)
  - o. Hasselblad H4D
  - p. Nikon D3100
  - q. Nikon D7000
  - r. Nikon P7000
  - s. Nokia X2
  - t. Panasonic FZ40
  - u. Panasonic FZ100
  - v. Panasonic LX5
  - w. Pentax 645D
  - x. Pentax K-5
  - y. Pentax K-r
  - z. Samsung WB2000
  - aa. Sony SLT-A33
  - bb. Sony SLT-A55V
7. **5<sup>th</sup> October** – Added a panel on the Status Bar, below the image, to show the current Display Filter setting.
8. **4<sup>th</sup> October** – Now the sliders on all Image Adjustment dialogs are reset by clicking on the value box, the box in the middle above the slider. This simplifies the dialog, and makes it look less busy.

## Xplorplus Changes

9. **4<sup>th</sup> October** – Lens Distortion Charts: Now you are asked if you would like to view the generated chart using the ‘Best for Text’ Display Filter. Answering ‘YES’ automatically changes the filter to be the best option.
10. **4<sup>th</sup> October** – Added RAW compatibility for the following cameras:
  - cc. Canon SX20 IS
  - dd. Samsung EX1
  - ee. Sony A450
  - ff. Kodak Z981
  - gg. Olympus E-P2
  - hh. Panasonic G12
  - ii. Panasonic GF1
11. **4<sup>th</sup> October** – Fixed rotation for Kodak EasyShare and some Canon EOS images.
12. **4<sup>th</sup> October** – Now the Fuji HS10 black level is taken from the stored metadata.
13. **24<sup>th</sup> June** – Now the Screen Capture image also has an EXIF preview image imbedded.
14. **24<sup>th</sup> June** – Improved the “Save a Copy for Emailing” process. Now it is faster, creates a better quality image, has an EXIF preview image imbedded, and works correctly with non-auto-rotated images.
15. **20<sup>th</sup> June** – Added a new dialog to enable adjustment of **Color Fringing and CA**.
16. **20<sup>th</sup> June** – Added menu “Adjust Image or Selection → Color Fringing and CA...”.
17. **9<sup>th</sup> June** – Updated the Adobe DNG Converter sub-application to version 6.1.
18. **9<sup>th</sup> June** – Added the “Image → Adjust Image or Selection → Reduce Shadow Speckling” menu option. This option applies a filter to reduce light coloured pixels from shadows.
19. **9<sup>th</sup> June** – Added support for the following Digital Camera RAW models:
  - jj. Canon EOS 550D
  - kk. Canon Digital Rebel T2i
  - ll. Casio EX-Z1050
  - mm. ....Fuji HS10
  - nn. Fuji HS11
  - oo. Samsung WB550
  - pp. Samsung NX10
  - qq. Sony NEX-3
  - rr. Sony NEX-5
20. Added menu “Image → Rotate or Flip → From Drawn Angle with Crop...”, which displays the Rotate from Drawn Angle dialog, then crops the triangular non-image edge areas after rotation.
21. Added a “Save a Copy for Emailing...” button to the toolbar.
22. Added a “Rotate from Drawn Angle...” button to the toolbar.

### **Batch Converter**

1. **26<sup>th</sup> July** – Added a “Gaussian Blur” option to the Batch Image Adjustments dialog.

## Xplorplus Changes

2. **26<sup>th</sup> July** – Added a “File name Caption” option to the Batch Image Adjustments dialog. There are sub-options for caption position, color and shadow as well.
3. **27<sup>th</sup> January** - Added 21 RAW format file extensions to the Batch Converter Input Selection List (SR2, ARW, KDC, MEF, 3FR, K25, ERF, CAM, CS1, DC2, DCS, FFF, MDC, MOS, NRW, PTX, PXN, RDC, RW2, RWL, IIQ, SRW).

### **File Manager**

1. **20<sup>th</sup> June** – Added menu “Viewers → **Installed Applications Viewer...**”.
2. **20<sup>th</sup> June** – Added a viewer window that displays all the applications installed in the pc. It also allows the user to uninstall the application, with a double-strength warning displayed first, of course!
3. **20<sup>th</sup> June** – Added menu “Viewers → **Shared DLL Viewer...**”.
4. **20<sup>th</sup> June** – Added a viewer window that displays all the shared DLL’s or libraries in the pc. It indicates whether the DLL is used once or more, or if the DLL actually exists in the file system. Double-clicking the DLL opens the folder where it is stored.
5. **9<sup>th</sup> June** – Split menu “Managers” into 2 primary menus called “Images” and “Files”.
6. **9<sup>th</sup> June** – Removed the “Managers” primary menu.
7. **9<sup>th</sup> June** – Added a new “Images” primary menu containing sub-menus:
  - a. Create Contact Sheets from Images...
  - b. Create Web Gallery from Images...
  - c. Create AVI File from Images...
  - d. Batch Convert Images...
  - e. Change All Image File CREATED Dates to EXIF Dates...
  - f. Change Selected Image File CREATED Dates to EXIF Dates...
  - g. Change All Image File CREATED & MODIFIED Dates to EXIF Dates...
  - h. Change Selected Image File CREATED & MODIFIED Dates to EXIF Dates...
  - i. Rename Image Files using EXIF Values...
  - j. Convert RAW Images to Adobe DNG format...
  - k. Copy Images to the iTunes folder...**
8. **9<sup>th</sup> June** – Added a new “Files” primary menu containing options:
  - l. Rename Multiple Files...
  - m. Clear Internet Explorer Cache...
  - n. Clear Work Files...
  - o. Change File Properties...
  - p. Change File Associations...
  - q. FTP Files to/from a Remote Site...
9. **9<sup>th</sup> June** – Added menu “Images → Copy Images to the iTunes folder...”, as above in **blue**.
10. **9<sup>th</sup> June** – Added a new dialog to enable the copying of images from the current Xplorplus File List to a designated iTunes folder or subfolder. All or Selected Images can be copied as is, or downsized and/or reformatted (into JPEGs), into the destination folder.



## Version 1.6.2 – 9<sup>th</sup> May 2010

### *Image Manager*

1. **9<sup>th</sup> May** – Updated the Adobe DNG Converter sub-application to version 5.7.
2. **9<sup>th</sup> May** – Added the ability to change the EXIF Software field in the “Edit EXIF Camera Fields” dialog.
3. **9<sup>th</sup> May** – Added the “Image → Change Perspective, Shape...” menu.
4. **9<sup>th</sup> May** – Added the “Change Perspective, Shape” dialog. This dialog provides the user with a way to change the image perspective or shape by adjusting any or all of the image corners up, down, left, and right.
5. **9<sup>th</sup> May** – Added the “Image → Adjust Image or Selection → UnSharp Mask...” menu.
6. **9<sup>th</sup> May** – Added the “UnSharp Mask” dialog. This dialog effectively “sharpens” the image by highlighting edges.
7. **9<sup>th</sup> May** – Added the “Image → Adjust Image or Selection → Reduce Speckling” menu option. This option applies a series of filters to reduce light coloured pixels from shadows, and dark coloured pixels from light areas.
8. **9<sup>th</sup> May** – Added the “Image → Convert to Black and White → Threshold – Local...” menu.
9. **9<sup>th</sup> May** – Added the “Local Threshold” dialog for just one more way to convert an image to Black and White, using a Mean, Mean-Min-Max, or Median algorithm.

### *Batch Conversion*

1. **9<sup>th</sup> May** – Improved the way controls are enabled for use after the correct steps have been followed.
2. **9<sup>th</sup> May** – Added 7000 and 8000 pixels to the New Size selection drop-down list to cater for larger images.

### *File Manager*

11. **9<sup>th</sup> May** – Now the System Information dialog shows the installed Vista and Windows 7 version names accurately, for example: Vista Ultimate, or Windows 7 Home Edition.

## Version 1.6.1 – 24<sup>th</sup> February 2010

### *Image Manager*

1. **24<sup>th</sup> Feb** – Updated the Adobe DNG Converter sub-application to version 5.6.
2. **24<sup>th</sup> Feb** – Now the RGB Color Levels dialog can adjust 6 colors. The 3 new color adjustments are for Yellow, Cyan, and Magenta. The dialog has also been simplified by removal of 3 buttons per adjuster, a total of 21 buttons, without loss of features.
3. **24<sup>th</sup> Feb** – Now the RGB White Balance dialog can adjust 6 colors. The 3 new color adjustments are for Yellow, Cyan, and Magenta. The dialog has also been simplified by removal of 3 buttons per adjuster, a total of 21 buttons, without loss of features.
4. **24<sup>th</sup> Feb** – Changed the Auto-Display Images dialog button captions to read: First, Last, Previous, and Next.
5. **24<sup>th</sup> Feb** – Added “Edit → Edit EXIF Camera Fields” menu option.
6. **24<sup>th</sup> Feb** – Added an Edit EXIF Camera Fields dialog that allows modification of the Camera Make and Model EXIF fields.
7. **13<sup>th</sup> Jan** – Added Camera RAW support for 7 models of camera, including:
  - ss. Canon EOS 1D Mark IV
  - tt. Canon PowerShot G11
  - uu. Canon PowerShot S90
  - vv. Casio EX-Z750
  - ww. Fujifilm FinePix SX200EXR
  - xx. Pentax K-x
  - yy. Sony DSLR-A550

### **2009**

8. **29<sup>th</sup> Nov** – Now the “Compare to Original” and Compare to Another” dialogs open with the “Fit to Window” checkbox set as when previously closed.
9. **29<sup>th</sup> Nov** – Now EXIF values that are not recorded by a camera, are displayed as “Not Recorded” instead of a less meaningful negative value.

## Version 1.5.9 – 23<sup>rd</sup> November 2009

### *File Manager*

#### **2008:**

1. **13<sup>th</sup> Nov** – Added menu “Managers → FTP Files to/from a Remote Site...”. Selecting this option opens the FTP Client window, which lets you transfer files to and/or from Web Sites or FTP Sites.
2. **13<sup>th</sup> Nov** – Added toolbar button “FTP Client...”. Selecting this option opens the FTP Client window, which lets you transfer files to and/or from Web Sites or FTP Sites.

#### **2009:**

3. **23<sup>rd</sup> Nov** – Added ISO Sensitivity EXIF field to the “Rename Image Files using EXIF Values” dialog.
4. **23<sup>rd</sup> Nov** – Added menu option “Managers → Change All Image File CREATE & MODIFIED Dates to EXIF Dates.
5. **23<sup>rd</sup> Nov** – Added menu option “Managers → Change Selected Image File CREATE & MODIFIED Dates to EXIF Dates.
6. **23<sup>rd</sup> Nov** – Updated the link to Adobe DNG Converter, to version 5.5.

### *FTP Client (New)*

1. **13<sup>th</sup> Nov** – Added an FTP Client window, which lets you transfer files to and/or from Web or FTP Sites.

### *Image Manager*

#### **2008:**

1. **13<sup>th</sup> Nov** – Improved GIF loading speed.
2. **13<sup>th</sup> Nov** – Added filtered Re-sampling for 8 bit gray scale images.
3. **13<sup>th</sup> Nov** – Enhanced quality of Rotation without Anti-Aliasing.
4. **13<sup>th</sup> Nov** – Restored default JPEG\_DCT = JPEG\_ISLOW.
5. **13<sup>th</sup> Nov** – Added support for EXIF from Photoshop CS3.
6. **13<sup>th</sup> Nov** – Enhanced JPEG quality when Quality is 100.
7. **13<sup>th</sup> Nov** – Improved the speed of Re-sampling routines (like Triangle, etc.) and filtered display.
8. **13<sup>th</sup> Nov** – Added support for LZW compressed TIFF with inverted fill order.
9. **13<sup>th</sup> Nov** – Now selection of objects with Pen Width > 1 works better.
10. **13<sup>th</sup> Nov** – Now supports RAW files (real RAW, not Camera RAW!).
11. **13<sup>th</sup> Nov** – Added support for planar CMYK (8 bit) TIFF.
12. **13<sup>th</sup> Nov** – Now the preview dialog is correctly displayed under Vista.

**2009:**

13. **23<sup>rd</sup> Nov** – Added Camera RAW support for 1 make and 47 models of camera, including:
  - a. Canon EOS 5D Mark II
  - b. Canon EOS 7D
  - c. Canon EOS 500D
  - d. Canon PowerShot G10
  - e. Canon PowerShot G11
  - f. Fujifilm FinePix S100FS
  - g. Fujifilm FinePix S6000fd
  - h. Fujifilm IS-1
  - i. Hasselblad V96C
  - j. Leaf AFi 7
  - k. Leica D-LUX 4
  - l. Nikon D3X
  - m. Nikon D300s
  - n. Nikon D3000
  - o. Nikon D5000
  - p. Nokia N95
  - q. Olympus E-30
  - r. Olympus E-P1 (Pen)
  - s. Panasonic DMC-G1
  - t. Pentax K-7
  - u. Phase One P 45+
  - v. Sony DSLR-A330
  - w. Sony DSLR-A380
  - x. Sony DSLR-A850
14. **23<sup>rd</sup> Nov** – Added ISO Sensitivity EXIF field to Image Properties display.
15. **23<sup>rd</sup> Nov** – Added a Color Temperature image adjustment dialog.
16. **23<sup>rd</sup> Nov** – Added Color Temperature Presets to the RGB Color Levels dialog.
17. **23<sup>rd</sup> Nov** – Added Color Temperature Effect Presets to the RGB Channel Intensity dialog.
18. **23<sup>rd</sup> Nov** – Added Color Temperature Effect Presets to the RGB White Balance dialog.
19. **23<sup>rd</sup> Nov** – Added menu option “File → Change Created & Modified Date to Date Taken”.
20. **23<sup>rd</sup> Nov** – Added menu option “Image → Adjust → Color Temperature”.

### ***Batch Conversion***

**2009:**

1. **23<sup>rd</sup> Nov** – Added “Auto White Balance” option to the Image Adjustments dialog.
2. **23<sup>rd</sup> Nov** – Now Remove Color Cast and Convert to Gray are performed first in the Batch Conversion, before everything else.

***Thumb Viewer***

1. **13<sup>th</sup> Nov** – Added support for the preview of IEV, ALL and LYR image formats.
2. **13<sup>th</sup> Nov** – Now it is possible to load/save the ICO image format.

## Version 1.5.8 – 31<sup>st</sup> October 2008

### *File Manager*

1. **31<sup>st</sup> Oct** – Fixed a bug that caused Xplorplus to hang if Adobe's DNG Converter application had been opened.
2. **29<sup>th</sup> Oct** – Added menu "Managers → Convert RAW Images to Adobe DNG format...". Selecting this option opens Adobe's DNG Converter application, using the currently active Xplorplus file-list path as the "Select the Images to Convert..." folder.

### *Image Manager*

1. **15<sup>th</sup> Oct** – Now supports Panasonic LX3, and FZ28, Nikons D90 and P6000, Canon EOS 50D, and Sony A900 RAW-type images.
2. **23<sup>rd</sup> Sep** – Fixed a bug in the RGB Channel Intensity dialog, which caused incorrect values to be recalled.
3. **23<sup>rd</sup> Sep** – Fixed a bug in the RGB Color Levels dialog, which caused incorrect values to be recalled.
4. **21<sup>st</sup> Sep** – Fixed a bug that caused the sampling image to display at the wrong size when an Image Adjustment dialog is opened.
5. **19<sup>th</sup> Sep** – Now the SpeedKeys option uses Median Sharpening.
6. **17<sup>th</sup> Sep** – Fixed a memory leak which affected reading of all RAW-type images.
7. **17<sup>th</sup> Sep** – Now supports Kodak C603, Nikon D700, Canon EOS 1000D, Canon PowerShot SD300, and Olympus E-520 RAW-type images.
8. **17<sup>th</sup> Sep** – Fixed a bug in "Cut Selection - Paste to Selection" processing, with "Selection Effects" checked.
9. **23<sup>rd</sup> Aug** – Now RAW image types are read about 400% or 4 times faster than before.
10. **23<sup>rd</sup> Aug** – Fixed a bug in the "Noise..." and "Sharpen..." Median filters which, under some circumstances, left a black line down the right-hand side of the image.
11. **23<sup>rd</sup> Aug** – Increased the speed of the Median filter processes by 100%, so they are now twice as quick as before.
12. **10<sup>th</sup> Aug** – Changed menu option "Image → Adjust Image or Selection → Exposure..." to "Image → Adjust Image or Selection → Exposure, Offset, and Luminance...", because an extra adjustment has been put on the dialog.
13. **10<sup>th</sup> Aug** – Added an additional Luminance adjustment to the "Exposure, Offset, Gamma, and (now) Luminance" dialog.
14. **19<sup>th</sup> Jul** – Now the Image Layer Tool writes to the log when the changes are applied to the image.
15. **19<sup>th</sup> Jul** – Fixed a bug in the Layer Transparency adjuster that caused it to become unstable.
16. **19<sup>th</sup> Jul** – Improved the "Auto Sharpen" results.

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17. **17<sup>th</sup> Jul** – Fixed a bug in the “Contrast and Brightness” dialog that caused the slider to have no effect.
18. **12<sup>th</sup> Jul** – Added menu “Image → Compare to Another...”. This option allows you to select another image to compare to the one currently being edited. This is helpful to make decisions about the current image edits by placing the images side-by-side. Both images are sizeable and scrollable, either independently or in-sync.
19. **12<sup>th</sup> Jul** – Added menu “Image → Adjust with Layers...”. This option allows you to use image adjustment layers to brighten, darken, and lighten, and more, to the image.
20. **12<sup>th</sup> Jul** – Added menu “Image → Reduce Gamut”. This option is similar to changing the color space from <AdobeRGB1998> to <sRGB>, reducing the gamut.
21. **12<sup>th</sup> Jul** – Added menu “Image → Increase Gamut”. This option is similar to changing the color space from <sRGB> to <AdobeRGB1998>, increasing the gamut.
22. **12<sup>th</sup> Jul** – Added menu “Image → Adjust Image or Selection → Channel Intensity...”. This option allows you to adjust Red, Green, and Blue colors independently, as well as the intensity curve for all the colors.
23. **12<sup>th</sup> Jul** – Added menu “Image → Adjust Image or Selection → Exposure...”. This option allows you to adjust the image the equivalent on a camera of from -3.00 to +3.00 F/stops. There is also an Offset control to lighten and darken the darker shades, and a Gamma control to adjust the overall gamma lightness of the image. This control is meant to emulate the equivalent Photoshop CS2 control, plus improve on the usefulness and accuracy of the Offset and Gamma control, respectively.
24. **12<sup>th</sup> Jul** – Added menu “Image → Adjust Image or Selection → Color Balance...”. This option allows you to adjust 5 levels of color independently, with 7 color biases per channel.
25. **12<sup>th</sup> Jul** – Added a ColorBar on all the Image Adjustment dialogs that previously used Checkboxes to select the combinations of Red, Green, and Blue channels influencing the image change bias. The ColorBar improves on the ergonomics of selecting any of the 7 possible color combinations.
26. **12<sup>th</sup> Jul** – Added menu “Settings → Load PSD with Layers (Merged)”. This option allows you to choose whether or not to view, edit, or print a PSD image using the layers created in Adobe Photoshop. The layers are merged as the image is loaded, so saving the image means that extra layers become the background layer.

### **Batch Conversion**

1. **29<sup>th</sup> Oct** – Now the “Input Type” and “Output Type” dropdown-list boxes are sorted.
2. **19<sup>th</sup> Sep** – Now the Batch Conversion option uses Median Sharpening.

### **Snapshot Viewer**

1. **25<sup>th</sup> May** – Made various improvements to the way it works.

### **Archive Viewer**

1. **15<sup>th</sup> Oct** – Fixed a bug in the Archive Viewer file details that caused the date to be displayed incorrectly.

## Version 1.5.7 – 25<sup>th</sup> May 2008

### File Manager

1. **25<sup>th</sup> Apr** – Added menu “Managers → Rename Image Files using EXIF Values...”. This option allows you to create a filename using up to 10 EXIF tag values, plus the original file name.
2. **25<sup>th</sup> Apr** – Added menu “Tools → Join Text Files...”. This option opens a dialog that lets you join all, or a selection of, text files from a folder to create 1 file that contains them all separated with indicators. This feature is very helpful for sending Logs, Ini's, or source code, to another machine. Use the new menu option “Options → Un-Join Joined Text Files...” in File Manager to split them up again.
3. **25<sup>th</sup> May** – Added menu “Viewers → Folder Images Snapshot Viewer...”. This viewer is similar to the Thumbnail Viewer in that it displays thumb-sized images of all the compatible images in a folder, but most importantly it also creates a thumbnail database file in every folder where it is used. This new approach speeds up the displaying of the thumb-images. It also displays a list of all the folders where a database file exists, which can be used to navigate to your image folders.
4. **25<sup>th</sup> May** – Added 2 toolbar icon buttons: 1 to Open the Snapshot Viewer, and 1 to Open the Web Gallery Creator.

### Image Manager

1. **25<sup>th</sup> Apr** – Added menu “File → Save as Filename with EXIF Details...”. This option lets you use up to 10 EXIF tag values in the File Name.
2. **25<sup>th</sup> Apr** – Added menu “File → Change Create Date to Date Taken...”. Often software changes the Create Date on the file when copying it from the camera. This option lets you correct this problem by replacing the Date and Time from the EXIF tag data.
3. **25<sup>th</sup> Apr** – Added menu “Image → Adjust Image or Selection → Radial Distortion...”. This option lets you correct Barrel and Pin-Cushion distortion in an image, as well as any Chromatic Aberration.
4. **25<sup>th</sup> Apr** – Added menu “Image → Adjust Image or Selection → Noise...”. This option lets you reduce digital camera noise in any image, using an adjustable Median Filter.
5. **25<sup>th</sup> Apr** – Added menu “Image → Adjust Image or Selection → Sharpness...”. This option lets you increase the sharpness of any image, using an adjustable Median Filter.
6. **25<sup>th</sup> Apr** – Changed menu “Image → Adjust Image or Selection → Contrast and Brightness...” to “Image → Adjust Image or Selection → Contrast, Brightness, and Gamma...”.
7. **25<sup>th</sup> Apr** – Removed menu “Image → Adjust Image or Selection → Gamma...”. This option has been added to the Contrast and Brightness dialog.
8. **25<sup>th</sup> Apr** – Removed menu “Image → Adjust Image or Selection → Histogram Equalisation...”. This was always a duplication of a feature.
9. **25<sup>th</sup> Apr** – Added menu “Image → Convert Image or Selection to → Wallis Filter Effects...”. The Wallis Filter adjusts Brightness values in local areas so that the



## Xplorplus Changes

local Mean and Standard Deviation match user-specified target values. This enhancement produces good local contrast throughout the image, while reducing the overall contrast between bright and dark areas. The Wallis Filter dialog can also be used with color images to create some interesting contrast and edge enhancement effects.

10. **25<sup>th</sup> Apr** – Added menu “Image → Reduce Noise”.
11. **25<sup>th</sup> Apr** – Added menu “Image → Change the Number of Colors → Black and White → Edge Detect Median...”. Another way of converting a color image to Black and White using a Median Filter.

### ***File Manager***

1. **25<sup>th</sup> Apr** – Added menu “Options → Un-Join Joined Text Files...”. Xplorplus Joined files can be split back to their original state using this option.

### ***Snapshot Viewer (New)***

1. **25<sup>th</sup> May** – Added Form Images Snapshot Viewer.

This viewer is similar to the Thumbnail Viewer, in that it displays thumb-sized images of all the compatible images in a folder, but what makes it different is that it also creates a thumbnail database file in every folder where it is used, which is read the next time instead of the images. This new approach speeds up the subsequent displaying of the thumb-images. It also remembers and displays a list of all the folders where a database (snapshot) file exists, which can be used to navigate to your image folders. To add a new snapshot, click on a folder in the Xplorplus Drive/Folder list (the leftmost list). If the folder contains images they will be displayed in the Snapshot Viewer and the folder will be added to the left list of the Snapshot Viewer, too. Once a snapshot has been added, the thumb-image display becomes much quicker the next time. To navigate between the image folders in the Snapshot Viewer, just click on the folders in the list, if the folder selected contains images they will be displayed. At any time, you can Refresh all the folders in the list, or Refresh/Delete the currently displayed Snapshot. It is also possible to Exclude certain image types, like Cursors and Icons, etc. Snapshot Viewer automatically updates the snapshot file with if 1 or more images are added or deleted.

## Version 1.5.6 – 26<sup>th</sup> February 2008

### *File Manager*

1. **1<sup>st</sup> Dec** – Now you can use the “Email as Attachment(s)...” file-list context menu option, even if your email client is not Outlook Express.
2. **16<sup>th</sup> Jan** – Added “Managers → Change All Image File Create Dates to EXIF Dates” menu option. This option causes the File Creation Dates for all the image files in the folder to be changed to the Date/Time Picture Taken as held in the EXIF information.
3. **16<sup>th</sup> Jan** – Added “Managers → Change Selected Image File Create Dates to EXIF Dates” menu option. This option causes the File Creation Dates for all the selected image files in the folder to be changed to the Date/Time Picture Taken as held in the EXIF information.
4. **26<sup>th</sup> Feb** – Fixed a bug in the File Search engine, which caused the Case Sensitive Text searches to fail.

### *Image Manager*

1. **1<sup>st</sup> Dec** – Fixed a bug in the Object Properties dialog, now the Memo background color is correct.
2. **1<sup>st</sup> Dec** – Added “File → Clear Undo On Save” menu, which when checked clears the undo buffer during a save operation, so the image changes can no longer be reversed.
3. **1<sup>st</sup> Dec** – Added “Image → Convert Image or Selection to → Pencil Drawing → Light” menu.
4. **1<sup>st</sup> Dec** – Added “Image → Convert Image or Selection to → Pencil Drawing → Dark” menu.
5. **1<sup>st</sup> Dec** – Added “Image → Reduce Noise” menu, which reduces the light speckling often found in digital images taken at a high ISO speed.
6. **1<sup>st</sup> Dec** – Added “Image → Black and White → Edge Detect Sobel” menu.
7. **1<sup>st</sup> Dec** – Added “Image → Resample...” menu, which lets you smooth the image from a selection of algorithms.
8. **1<sup>st</sup> Dec** – Added a Resample Options dialog box, displayed from the menu option in the previous point.
9. **1<sup>st</sup> Dec** – Removed the “Image → Auto Resample” menu
10. **1<sup>st</sup> Dec** – Now Angle Objects are editable.
11. **1<sup>st</sup> Dec** – Now the Angle used in the “Rotate from Drawn Angle” process can be adjusted after it is drawn.
12. **1<sup>st</sup> Dec** – Fixed a memory leak in vectorial objects handling.
13. **1<sup>st</sup> Dec** – Fixed the Open dialog problems, which occur when viewing vectorial objects and layers.
14. **1<sup>st</sup> Dec** – Fixed a bug reading PSD thumbnails.
15. **1<sup>st</sup> Dec** – EXIF GPS Version is now saved correctly.

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16. **1st Dec** – Fixed a memory leak loading JPEG/TIFF with GPS information.
17. **1st Dec** – Fixed a memory leak reading Canon RAW CRW files.
18. **5<sup>th</sup> Dec** – Now the EXIF Unique Identity field is displayed in the properties, if detected in the image.
19. **5<sup>th</sup> Dec** – Now supports 290 RAW Camera models, 10 more, including the **Nikon D3**, and **D300**, **Sony DSLR A700**, and the **Canon 40D** and **1Ds Mark III**.
20. **9<sup>th</sup> Dec** – Fixed a bug in the RAW Profile settings.
21. **9<sup>th</sup> Dec** – Added a Green Multiplier adjuster to the RAW Profile Settings dialog.
22. **12<sup>th</sup> Dec** – Now, when the thumb images are displayed, the selected thumb has a red border around it.
23. **15<sup>th</sup> Jan** – Added “Thumbs → Selected... Change Create Dates to EXIF Date” menu option. This option causes the File Creation Dates for all the selected thumbs to be changed to the Date/Time Picture Taken as held in the EXIF information.
24. **26<sup>th</sup> Feb** – Added “Tools → Generate Charts → Lens Distortion Chart **4:3**” set of menus. The “**4:3**” represents 1 of 6 aspect ratios that Xplorplus can generate as requested. Each aspect ratio suits a particular camera sensor type, or film size.

### **Thumb Viewer**

1. **1<sup>st</sup> Dec** – Changed the Thumb selection highlighting method.
2. **15<sup>th</sup> Jan** – Added “File → Change Create Date to Date Taken” menu option. This option causes the File Creation Date to be changed to the Date/Time Picture Taken as held in the EXIF information.

### **Image Batch Conversion**

1. **1<sup>st</sup> Dec** – Added “Fit Within” image resize option, which scales an image to a size that completely fits within an imaginary rectangle with the specified dimensions. This is useful for preparing images for projection or to put in Web Galleries.
2. **11<sup>th</sup> Dec** – Fixed a bug in the Image Adjustments option dialog that caused the White Balance adjustment to **not** be applied to the image sometimes.

### **Change Properties**

1. **1<sup>st</sup> Dec** – Fixed a bug that prevented the Date and Time from changing properly under Vista.

## Version 1.5.5 – 11<sup>th</sup> July 2007

### **File Manager**

1. **11<sup>th</sup> Apr** – Added “Options → Configuration Settings” menu.
2. **11<sup>th</sup> Apr** – Moved the “Options → Save Settings Now” menu to the “Options → Configuration Settings → Save Settings Now” menu.
3. **11<sup>th</sup> Apr** – Moved the “Options → Save Settings on Exit” menu to the “Options → Configuration Settings → Save on Exit” menu.
4. **11<sup>th</sup> Apr** – Added “Options → Configuration Settings → Export Now...” menu option. Exporting the Xplorplus Settings is useful just in case an Error occurs in the Windows Registry and the error causes a loss of the Xplorplus Settings. If this happens they can be reloaded from the Exported File later.
5. **11<sup>th</sup> Apr** – Added “Options → Configuration Settings → Reload Exported Now...” menu option. Reloading the Previously Exported Xplorplus Settings RESETS ALL the Settings to be the SAME as they were when last Exported, and should ONLY be done if there is a Registry Error.
6. **11<sup>th</sup> Apr** – Added “Options → Configuration Settings → Export On Exit...” menu. This option silently Exports the Xplorplus Settings to a file when it is closed.
7. **23<sup>rd</sup> May – Now Xplorplus is Vista tested.**
8. **23<sup>rd</sup> May** – Improved the speed at which the Folder ‘+’ signs are resolved for remote (mapped network share) folders.
9. **1<sup>st</sup> Jun** – Added the ability to play multiple selected media files, like a playlist. Selecting more than one WAV, AVI, WMV, RMI, MID, MP3, etc. will cause Xplorplus to play all the selections, starting with the last one selected, when “Play Media” is chosen from the context-menu, or the Media Player is opened. Multiple JPG, BMP, or GIF files can also be viewed. Pressing ‘STOP’ will cause the next selected image to display.
10. **2<sup>nd</sup> Jun** – Fixed a bug that occurred in Windows Vista when the Xplorplus Registry entries are corrupted for some reason, and Xplorplus is configured to Automatically Restore those entries when started.

### **Web Gallery**

1. **14<sup>th</sup> Apr** – Improved the image-resizing algorithm.
2. **14<sup>th</sup> Apr** – Fixed subtle inconsistencies in the Web Templates.
3. **16<sup>th</sup> Apr** – Added 8 new image size options.
4. **23<sup>rd</sup> May** – Now Clicking the Left-Mouse on the Image for Styles 1 to 5 will Toggle between STOP and NEXT, if Auto-Display is ON.

### **Rename Multiple Files**

1. **23<sup>rd</sup> May** – Fixed a bug that caused X+ to crash when renaming a file or folder without an extension.
2. **11<sup>th</sup> Jul** – Fixed a bug that caused incorrect trimming of characters from the existing filename component in a rename operation.

### ***FlushIE***

1. **23<sup>rd</sup> May** – Fixed a bug that caused X+ to crash when wiping work files with FlushIE, in unusual situations.
2. **11<sup>th</sup> Jul** – Now Windows Vista ‘Low’ folders are also wiped. ‘Low’ Cookie, History and Temporary Internet folders are used when ‘User Account Control’ is turned on (default setting).

### ***Image Contact Sheet Manager***

1. **1<sup>st</sup> Jun** – Added the option to repeat a Single image multiple times on a page.
2. **3<sup>rd</sup> Jun** – Added an option to “Hide Captions” under each image.
3. **3<sup>rd</sup> Jun** – Now there are more “Watermark” options.

### ***Media Player***

1. **2<sup>nd</sup> Jun** – Added the ability to play multiple selected media files, like a playlist. Selecting more than one WAV, AVI, WMV, RMI, MID, MP3, etc. will cause Xplorplus to play all the selections, starting with the last one selected, when the Media Player is opened. Multiple JPG, BMP, or GIF files can also be viewed. Pressing “STOP” will cause the next selected image to display.

### ***Image Manager***

1. **10<sup>th</sup> Jun** – Improved the “Pause / Play” feature of the Auto-Display dialog.
2. **11<sup>th</sup> Jun** – Added 2 toolbar buttons, “Rotate 90 degrees” and “Rotate –90 degrees”.

### ***Thumbnail Viewer***

1. **10<sup>th</sup> Jun** – Added common Widescreen display sizes to the “Slide Show → Slide Size” menu option.

## Version 1.5.4 – 8<sup>th</sup> April 2007

### *File Manager*

1. **20<sup>th</sup> Jan** – Now Xplorplus displays properly when the user selects a “High Contrast” Windows Desktop theme.
2. **26<sup>th</sup> Jan** – Added menu option “Tools → Capture Screen...”. This option was previously only available from the Image Manager Tools menu.
3. **4<sup>th</sup> Feb** – Added menu option “Options → Auto-Select New Drives”. This differs from the “Auto-Detect Floppy Drives” because it affects all Plug-and-Play or Hot Swappable drives, such as USB Flash drives.
4. **18<sup>th</sup> Feb** – Added “Tools → Registry Editor” menu option.
5. **18<sup>th</sup> Feb** – Added “Managers → Create Web Gallery from Images...” menu option.
6. **19<sup>th</sup> Feb** – Now the Desktop and Start Menu icon labels show Xplorplus version 1.5.4, not 1.5.3.
7. **3<sup>rd</sup> Mar** – Now only the Active File List is refreshed if it is displaying the contents of a Plug & Play drive when it is removed. Previously both the Active and Passive file lists were affected by this action.
8. **3<sup>rd</sup> Apr** – Now, in the ‘Email as Attachment(s)’ dialog, in the ‘X+ Account’ option, it is now possible to type the letter ‘@’ in the ‘User Name’ text box.
9. **5<sup>th</sup> Apr** – Added a new ‘View IE Caches’ button to the ‘Clear Work Files’ dialog, which opens the ‘IE Cache Manager’ dialog.

### *Registry Editor*

1. **18<sup>th</sup> Feb** – Added a new independent Registry Editor application. Similar to the Microsoft supplied application except that it allows the copying of multiple keys at one time, and displays “Keys of Interest” with a description of their use. Keys of Interest can also be cleared in groups to save time.

### *Web Gallery*

1. **18<sup>th</sup> Feb** – Added a new Web Gallery creation window. The new window allows the selection of images from multiple folders, and selection of various gallery styles. Fonts, captions, colors and image sizes are all customizable.
2. **22<sup>nd</sup> Mar** – Now the images and thumbnails created for the Web Gallery have their EXIF preview image orientated correctly, and are auto-oriented properly when opened in an image viewing application.
3. **22<sup>nd</sup> Mar** – Added clearer instructions on how to specify the Output Folder to contain the Web Gallery.
4. **25<sup>th</sup> Mar** – Now the Image Comment is saved so it can be used the next time the same image is used to create a Web Gallery.
5. **29<sup>th</sup> Mar** – Now the Image Comment is saved in the JPEG EXIF ‘Image Description’ field if it exists, otherwise a ‘~xnote’ file is created.

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6. **4<sup>th</sup> Apr** – Now there is a “Back to Gallery Index” link on each gallery web page, that when clicked returns the web user to the originating web page, from where the slide show was opened.
7. **4<sup>th</sup> Apr** – Now the automatic image refresh reads the cached image if available, to save excessive use of the bandwidth by continually accessing the server for the images.
8. **8<sup>th</sup> Apr** – Added a new ‘View the Galleries Index Page...’ button on the ‘Style...’ panel. The button opens a web page on the Xplorplus website, containing links to 8 galleries, 1 example for each style.

### ***Thumbnail Viewer***

1. **19<sup>th</sup> Feb** – Added “Tools → Create a Web Gallery from Images...” menu option.

### ***Image Manager***

1. **19<sup>th</sup> Feb** – Added “Tools → Web Gallery maker...” menu option.
2. **25<sup>th</sup> Feb** – Added RAW support for 18 models of camera, including the new Nikon D40, Canon PowerShot Pro1, and Leicas D-LUX 3 and V-LUX 1.
3. **26<sup>th</sup> Feb** – Improved the color mapping for RAW format images.
4. **29<sup>th</sup> Mar** – Now menu ‘File → Print from Selection...’ works properly.
5. **30<sup>th</sup> Mar** – Added the ability to update the EXIF ‘Image Description’ field in the “Edit User EXIF fields” dialog.
6. **30<sup>th</sup> Mar** – Now, if any EXIF User fields are changed in a JPG, and the image is NOT changed, the fields are automatically saved to the EXIF header without prompting the user, or modifying the image.

## Version 1.5.3 – 8<sup>th</sup> November 2006

### *File Manager*

1. **7<sup>th</sup> Sept** – Added “Tools → Sync or Set Date and Time...” menu option. Use this option to Synchronise the System Date and Time to a Public Time Server, or manually set the System Date and Time using the Windows dialog.
2. **7<sup>th</sup> Sept** – Added “Synchronise or Set System Date and Time” dialog. This dialog supplies a list of Public Time Servers to choose from in a drop-down list. The selected Time Server can be used for synchronisation.
3. **12<sup>th</sup> Sept** – Added “Email as Attachment(s)...” menu option to the context-sensitive popup menu in the File List, if a file is right-clicked. Displays an Email Client dialog to compose and send an email with all the selected files as attachments. This menu option only appears if Outlook is, or has at one time, been installed, with an account.
4. **12<sup>th</sup> Sept** – Added “Send an Email with Selected Attachment(s)” dialog, opened as explained in the previous point.
5. **12<sup>th</sup> Sept** – Added “Select Contact(s)” dialog, from which to select “To/Cc/Bcc” recipients of the email.
6. **12<sup>th</sup> Sept** – Added the ability to ‘Add a New Contact’ to the “Select Contact(s)” from the Email Addresses dialog.
7. **14<sup>th</sup> Sept** – Added the ability to create an Xplorplus Specific Email Account. This account is only required if you have an Outlook compatible email account from the ISP, but have NOT set it up in Outlook Express. It does NOT work for Hotmail, gMail, Yahoo or any Web-based email accounts.
8. **3<sup>rd</sup> Oct** – Modified the way the 3 “All Users” Personal Folders are displayed in the drive list.
9. **20<sup>th</sup> Oct** – Now it is NOT possible to open the “Email as Attachments” dialog if there is no network connection.
10. **25<sup>th</sup> Oct** – Fixed a bug that caused folder icons on remote drives to not appear in the file list, when there were more than 70 sub-folders to show.

### *Image Manager*

1. **7<sup>th</sup> Sept** – Added “Options → Show Thumb selector” menu option. Use this option to Show/Hide a single column of Thumbs down the right-hand side of the Image Manager, from which you can select an image to display in the Viewer.
2. **7<sup>th</sup> Sept** – Added RAW Format support for 2 new makes and 6 models of digital camera, including:
  - Leaf Cmost
  - Panasonic DMC-LX2
  - Sony DSLR-A100 (Alpha)
  - Pentax \*ist DL2
3. **13<sup>th</sup> Sept** - Added RAW support for 3 new makes and 32 models of digital camera.



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4. **14<sup>th</sup> Sept** – Added an option to the “Save a Copy of the Image for Emailing” dialog, to email the copy immediately. The caption on the new button is “Save & Email...”.
5. **3<sup>rd</sup> Oct** – Added a ‘Remove Redeye’ button to the Toolbar. This button is only visible when a part of the image is selected.
6. **20<sup>th</sup> Oct** – Improved the Jpeg Lossless Rotation algorithm.
7. **20<sup>th</sup> Oct** – Added support for ZIP compression in TIFF images.
8. **24<sup>th</sup> Oct** – Added RAW Format support for 3 more models of digital cameras, including the Nikon D80.

### **Quick System Viewer**

1. **3<sup>rd</sup> Oct** – Improved the interface, and updated the Virtual Memory display to allow for VM of greater than 4 gigabytes.
2. **4<sup>th</sup> Oct** – Added Memory % Used, Virtual Memory % Used, and Page File % Used displays.
3. **5<sup>th</sup> Oct** – Added % Memory Load display.
4. **5<sup>th</sup> Oct** – Now the ‘Usage’ and ‘Load’ figures refresh every 500 milliseconds.
5. **5<sup>th</sup> Oct** – Added a checkbox option to keep the dialog on top of all other windows, to enable the monitoring of memory and CPU usage while working in other applications.

### **Associations Manager**

1. **3<sup>rd</sup> Oct** – Now the Change and Delete buttons are disabled if there are no associations in the list.
2. **3<sup>rd</sup> Oct** – Now the “Associations” search allows for special characters (i.e.: \$, #, &, and etc) at the start of any file extension registry key.

### **Font Viewer**

1. **3<sup>rd</sup> Oct** – Improved the interface.

### **FlushIE**

1. **8<sup>th</sup> Nov** – Now FlushIE WIPES ALL files, not just the Index.dat files. ‘Wiping’ files deletes them so that the filename and data cannot be recovered.

## Version 1.5.2 – 24<sup>th</sup> August 2006

### *File Manager*

1. **10<sup>th</sup> August** – Added “Edit → Invert Displayed Extensions” menu option. This menu is only available when a File Filter other than “\*.\*” is being used. When selected, all displayed files are hidden and any previously hidden files are displayed. When the file display is EXCLUDING filtered files (Inverted), the filter drop-down list shows as Red. When it is INCLUDING the filtered files, it shows as Green.
2. **17<sup>th</sup> August** – Added “Favorites” menu. Favorites are a list of folders that the user wants instant access to by clicking on the appropriate one in the menu.
3. **17<sup>th</sup> August** – Added “Favorites → Add to Favorites...” menu. Clicking this menu while a folder is selected in either the Drive or Active File list, will add the Folder to the Favorites menu, giving instant access to the folder from the menu.
4. **17<sup>th</sup> August** – Added → Manage...” menu. This menu option opens the “Manage Favorite Folders” dialog, which allows the user to Add, Delete, and Arrange the entries in the Favorite menu.
5. **17<sup>th</sup> August** – Added “Manage Favorite Folders” dialog. This dialog allows the user to Add, Delete, or Arrange the entries in the Favorites menu.
6. **17<sup>th</sup> August** – Added “Add to Favorites” menu option to the context-sensitive pop-up menu displayed when the right mouse button is clicked on a folder.
7. **24<sup>th</sup> August** – Now it is possible to use Ctrl-X, Ctrl-C, and Ctrl-V to Cut, Copy and Paste text for a Folder or File name, when Renaming it.

### *Image Manager*

1. **13<sup>th</sup> August** – Fixed a bug in the “RGB White Balance” and “RGB Color Levels” dialogs that caused the sliders to jump to the wrong values in certain situations.
2. **18<sup>th</sup> August** – Moved menu “Options → Log Image Changes” to “Settings → Log Image Changes”.
3. **18<sup>th</sup> August** – Added menu “Settings → Log Image Changes → Enable”.
4. **18<sup>th</sup> August** – Added menu “Settings → Log Image Changes → Keep Undo Entries on Save”, to include or remove entries that are ‘Undone’ after being applied to the image. Removing the entries simplifies and rationalises the log. The ‘Undone’ entries will still show in the Log Window until the image is saved.
5. **22<sup>nd</sup> August** – Now it is possible to save all compatible input image formats as PS (Postscript), EPS (Enhanced Postscript), and PDF (Adobe Portable Document Format).
6. **24<sup>th</sup> August** – Fixed a bug that caused the “Send to Recycle Bin” and “Delete Permanently” toolbar buttons to not work properly.

### *Rename Multiple Files*

1. **13<sup>th</sup> August** – Now there is no “Rename” button, the user must now press the “Preview and Rename” button to check the results before renaming.

### ***Image Contact Sheet Manager***

1. **14<sup>th</sup> August** – Added an option to “Print a Mark on Each Image”. This lets you overlay either “SAMPLE” or “COPYRIGHT” on the middle of the image.
2. **22<sup>nd</sup> August** – Now the overlaid Image Mark is semi-transparent.

### ***Thumbnail Viewer***

1. **24<sup>th</sup> August** – Fixed a bug that caused Xplorplus to terminate during a Slide Show if a Thumbnail Image exists but the actual file has been deleted.

## Version 1.5.1 – 8<sup>th</sup> August 2006

### *File Manager*

1. **19<sup>th</sup> July** - Added “Help → Get the Latest Version...” menu option, which links to the Xplorplus Web Site.
2. **20<sup>th</sup> July** - Now the “Help → Contact Support...” email is addressed to <mailto:support@xplorplus.com>.
3. **3<sup>rd</sup> August** – Fixed a bug that caused Xplorplus to crash when the start-up folder is in the user profile folders, and the profile is corrupted then re-created with a different name by Windows, after restarting the machine.

### *Rename Multiple Files*

1. **15<sup>th</sup> July** - Fixed a bug that caused the Time component of the File Date to be omitted from the output filename sometimes, when requested.
2. **18<sup>th</sup> July** - Now it is possible to TRIM characters from the Start and/or End of the Old File Name if it is included in the New File Name.
3. **19<sup>th</sup> July** - Improved the Interface.
4. **23<sup>rd</sup> July** - Fixed a bug that allowed a decimal point be entered in the Sequential Number option.
5. **23<sup>rd</sup> July** - Fixed a bug that allowed NO numbers to exist in the Sequential Number option.

### *Image Manager*

1. Added 7 “Image → Rotate or Flip → JPEG Lossless Transform” menu options. These options are ONLY available if the image has NOT been changed, or all the changes have been UNDONE. The difference between these and the standard rotate options is that the rotation or flip is done WITHOUT interpreting the displayed file image information; rather it uses an algorithm that avoids decompressing and recompressing the image.  
Options are:
  - Rotate +90,
  - Rotate 180,
  - Rotate -90,
  - Flip Horizontal,
  - Flip Vertical,
  - Transpose UL to LR (Upper Left Corner to Lower Right Corner), and
  - Transverse UR to LL (Upper Right Corner to Lower Left Corner).
2. Updated EXIF properties display to make it easier to read.
3. Added various EXIF properties, including “Auto-Rotated”, “Aspect” and “Digital Zoom”.

## Xplorplus Changes

4. Now, when the EXIF Preview Image AND the Properties are displayed together, the Preview Image is ABOVE the Properties, not over the Main Image as before.
5. Added a new Navigator sub-dialog, which displays a thumb-sized version of the entire image, and lets the user move around an image that is zoomed outside the visible window area, by moving a rectangle representing the area in view.
6. Added "File → Auto-Orientate Page to Image" menu option, which when checked, detects whether the image is portrait or landscape, and sets the print page to suit.
7. **21<sup>st</sup> July** - Fixed a bug that sometimes caused a blank EXIF Preview area to show when the Properties are showing and the image has no Preview image.
8. **23<sup>rd</sup> July** - Fixed a bug in the "Selection → Build Selection Point-by-Point" menu option, that caused the wrong points to be selected under a particular set of circumstances.
9. **23<sup>rd</sup> July** - Fixed a bug that caused some menus to be available when the "Selection → Build Selection Point-by-Point" menu option was in use.
10. **27<sup>th</sup> July** – Added "Options → Auto-Display Folder Images..." menu option that initiates a display of the images in the selected folder in a pseudo-slideshow.
11. **27<sup>th</sup> July** – Added "Auto-Display Images" dialog that controls the direction and duration of the images displayed.
12. **27<sup>th</sup> July** – Moved the "File → Edit ????" sub-menus from the "File" menu to the "Edit" menu.
13. **1<sup>st</sup> August** – Fixed a bug that caused the buttons that should have INCreased Selection Feathering and Transparency, but actually DECreased the values.
14. **3<sup>rd</sup> August** – Fixed a bug that caused the RAW Profile Dialog to NOT undo the profile changes if Cancel was pressed.
15. **3<sup>rd</sup> August** – Now it is NOT possible to select the "Options → Auto-Rotate JPEGs and TIFFs" and "Options → Fast Read Camera RAW Images" menus, if the image has been changed.
16. **4<sup>th</sup> August** – Now it is also possible to remove any number of points during the "Selection → Build Selection Point-by-Point" process. The number of selected points is also shown now to assist in determining points to remove.
17. **5<sup>th</sup> August** – Added "Object(s) → Save..." and "Object(s) → Load..." menus, so now it is possible to Save and Load back vectorial and bitmap objects in a proprietary file format with the extension ".IEV".
18. **5<sup>th</sup> August** – Now it is also possible to rotate a TEXT object to any angle from 0 to 359 degrees. To do this:
  - a. Select an object,
  - b. Choose "Object(s) → Selected → Adjust Properties..." menu,
  - c. Press the "Text Effects..." button on the "Change Object Properties" dialog,
  - d. Choose "None (Rotate)" from the Text Effects options,
  - e. Use the "Text Angle" slider to rotate the text.
19. **6<sup>th</sup> August** – Added "Object(s) → Selected → Text Effects..." menu. This menu opens a dialog that has options to rotate, or create shapes with, the text.

## Xplorplus Changes

20. **6<sup>th</sup> August** – Added “Object(s) → Deselect All” menu.
21. **7<sup>th</sup> August** – Added “File → Copy to Folder...” menu that lets you browse for a destination folder to which to copy the current image file.
22. **7<sup>th</sup> August** – Added “File → Move to Folder...” menu that lets you browse for a destination folder to which to move the current image file.
23. **7<sup>th</sup> August** – Added “File → Send to Recycle Bin...” menu that lets you ‘bin’ the current image file.
24. **7<sup>th</sup> August** – Added “File → Delete Permanently...” menu to permanently delete the current image file.
25. **7<sup>th</sup> August** – Added 2 toolbar buttons: ‘Send to Recycle Bin’ and ‘Permanently Delete’ to remove the current image file.

### ***Image Contact Sheet Manager***

1. Now the Images are Auto-Rotated if they contain EXIF orientation tags.
2. Added the ability to read previously unsupported RAW formats.

### ***Create AVI from Images***

1. Now the Images are Auto-Rotated if they contain EXIF orientation tags.
2. Added the ability to read previously unsupported RAW formats.

### ***Slide Show***

1. Added the ability to read previously unsupported RAW formats.

### ***Thumbnail Viewer***

1. Added “Thumbs → Update Changes Only” menu option. This option differs to the “Refresh” option, in that it only updates the displayed image for thumbs currently in the Thumb Viewer, and removes Thumbs if the file no longer exists. It does NOT add any new Thumbs, as “Refresh” would do.
2. Now orientates the EXIF preview image to the main image.

## Version 1.4.9 – 25<sup>th</sup> June 2006

### *File Manager*

1. Now you can Open Xplorplus by Right-Clicking the Mouse on any Windows File-System object (File, Folder, Drive, or Shortcut), then selecting the “Open in Xplorplus” or “Browse in Xplorplus” menu option from the Windows Context Menu. If the object is NOT part of the File-System, i.e.: “My Computer” or “Recycle Bin”, Xplorplus will open in the C: drive root directory (C:\).
2. Now, if Xplorplus is opened by a Right-Click on a File-System object (explained above), and the object is a file or shortcut, it will be visible and highlighted in the File List.

### *Image Manager*

1. Now the “Choose a Rectangular Selection Size...” dialog shows selection dimensions and position in Pixels, Inches and Centimetres.
2. Now the resolution, or DPI, of the displayed “Print Preview Selection” image is matched to that of the actual image.
3. Added logging of DPI change.
4. Now the “Choose a Rectangular Selection Size...” dialog also shows the “Aspect Ratio” of the selected area.
5. Added “Aspect Ratio” to the Properties displayed from the “Options → Show Properties” menu.
6. Added “Tools → Generate Color Chart” menu option. Clicking this option generates a 28-line, 364-color chart in a TIF. The TIF can be modified and saved like any other image.
7. Changed “Image → Convert Image or Selection to → Desaturated” to read “Image → Convert Image or Selection to → Desaturated (Absolute)”.
8. Added “Image → Convert Image or Selection to → Desaturated (Average)” menu option. This option uses a different algorithm to the “Desaturated (Absolute)” option, and thus creates a different gray result.
9. Now the “Selection Effects” controls (checkbox, sliders and etc), move to the right-hand side of the standard zoom controls and displayed information, when the window is wide enough to display all the controls. It moves below when the window is too narrow.
10. Fixed a bug in the “Image → Correct Non-Level Horizon” dialog that caused it to display an error message at certain times.
11. Now the “Image → Correct Non-Level Horizon” dialog has no “Undo” button. The Undo process is now performed when pressing the “Back” button after doing the 3<sup>rd</sup> step.
12. Now the “Drag Drop Zone” is made visible, when the “Options → Show Drag-Drop Zone” is selected, by widening the window if it would have been too far to the right.
13. Now, when pasting to a Circular or Elliptic Selection, with Feathering checked, the image is pasted and feathered correctly.

## Xplorplus Changes

14. Fixed a bug that caused the Log file to be produced, even after Cancelling the Save process midway, or answering “No” when “Prompt to Save if Changed” is checked and the image has changed.
15. Added “Selection → Build Selection Point-by-Point” menu option. When chosen, this option allows the user to build a selection marquee by repeatedly clicking on the image to create a closed polygon. Unlike other selection techniques, this one allows the last selection point to be removed and optionally placed in a different position. All previous points can be removed and then re-clicked. The displayed dialog contains buttons to “Remove the Last Point”, “Finish”, and “Cancel” the marquee.
16. Now there is NO Red Line displayed in the “Correct Non-Level Horizon” dialog. Feedback indicated that the red line complicated the procedure too much. Now the 2<sup>nd</sup> Yellow Line can be forced to the Horizontal or Vertical by dragging the end of the line while holding down the CTRL key.
17. Now the EXIF Preview image is correctly orientated with the main image, in images that are saved, when the "Options → Update EXIF Image on Save" is checked.
18. Now the main image is saved with the correct orientation regardless of whether “Auto-Rotate” is on or off. The image is saved AS DISPLAYED regardless of the setting.
19. Now, when “Options → Auto-Rotate JPEGs and TIFFs” is **UNCHECKED**, a warning message is displayed explaining that the image orientation may be affected.
20. Now the EXIF Preview Image and Properties are available in images saved with the “File → Save a Copy (for Emailing?)...” menu option.

### **Thumbnail Viewer**

1. Added “Slide Show → Show File Name” menu option.
2. Now, when Thumbs are rotated with “Auto-Save” checked, the EXIF and Main image are correctly oriented.

### **Slide Show**

1. Now the Slide Show automatically rotates JPEGs and TIFFs if they contain orientation information.
2. Now Right-Clicking the Mouse on the Slide Show Control will hide it. Click the Right-Mouse again to show the context menu, then select “Show Control” to display it again.
3. Now holding the “Ctrl” key down while Right-Clicking the Mouse on the image will toggle between Hiding and Showing the Slide Show Control.
4. Now, if the Slide Show Control is hidden, moving the mouse briskly will display the Control again.
5. Now the Mouse Cursor is hidden and redisplayed with the Slide Show Controls.

### **Image Batch Conversion**

1. Now, the EXIF and Main image are correctly oriented in the converted image file.



## Version 1.4.8 – 3<sup>rd</sup> June 2006

### *File Manager*

1. Now the Information documents displayed from the “Help → Information Documents” menu are in PDF format and can be read using Adobe Reader version 3.0 or later.

### *Image Manager*

1. Now the menu options on the “Image” menu, that only work on the entire image, are greyed-out when a part of the image is selected.
2. Now there is an automatically created RAW Image Profile for each and every unique Extension and Camera Type. This allows the viewer to configure the settings of the profile individually for the images from each camera source. A dialog is displayed every time the applied profile is changed as a result of Image Manager detecting an image from a different camera.
3. Now the “Save As...” dialog is displayed if “Prompt to Save if Changed” is checked and the image is changed, when attempting to close Image Manager or view another image. Pressing “Cancel” discards the changes and continues.
4. Now it is NOT possible to “Save As” an image with an unsupported extension. If you try to, a message is displayed telling you to try again, then you are returned to the “Save As” dialog.
5. Added “File → Edit EXIF User Fields...” menu option. Only available if the EXIF fields are detected in the image.
6. Added “Edit EXIF User Fields” dialog. This dialog lets the user to add, modify, or remove the User Comment and User Copyright fields stored in the EXIF header of the image.
7. Fixed a bug that occurred after an image file is deleted, then the “Options → Show Properties” menu option is selected.
8. Now offers RAW support for 206 (was 121) models of 28 (was 13) makes of camera.
9. Fixed a bug in the “Tools → Select Source...” dialog that caused the selected TWAIN source to be ignored, and reverted back to the default system selection.
10. Added “Options → Update EXIF Image on Save” menu option. When this option is checked, the EXIF Thumbnail is changed to represent the main image and saved.
11. Fixed a bug that caused Xplorplus to crash when the “Magic Wand” dialog was open when applying a change from the “Sharpen or Soften” dialog.
12. Now the Selection Marquee is positioned correctly after a selected area has been cropped.
13. Now the Selection Marquee is not removed when “Edit → Undo” is used and a part of the image is selected.
14. Optimized the “Image → Auto Sharpen algorithm.

## Xplorplus Changes

15. Added “Image → Auto Resample” menu option. This option applies an algorithm that correlates adjacent pixel values to create a smooth pixel-to-pixel brightness transition.
16. Now it is possible to extend a Magic Wand selection, while the dialog is open, by holding down the Shift Key and the Left Mouse button together, then dragging the mouse cursor from the selected area into a new unselected area of the image. The pixel that you are pointing to with the mouse at the moment you release the Left Mouse button becomes the new color (within tolerance) to determine the new additional selection. The instructions are written on the Magic Wand Selection dialog, in blue.
17. Now “Print Preview Selected” dialog remembers the settings from the previous use.

### ***Image Batch Conversion***

1. Now the Input and Output file names are logged, if logging is enabled.
2. Fixed a bug that caused the Log file to disappear sometimes.
3. Now the RAW Color Profile applied, is automatically determined for each image converted, if “RAW Color Profiles” is enabled in Image Manager.
4. Now, for RAW image types, the RAW Color Profile name is logged, if Logging and Profiles are both enabled.

### ***Image Adjustment Dialogs***

1. Now it is NOT possible to view another image while an adjustment dialog is open.
2. The Xplorplus File Manager is now NOT active while an adjustment dialog is open.
3. Now, clicking on an image in the Thumb Viewer while an adjustment dialog is open will NOT show the clicked image in Image Manager.
4. Now, pressing the “Recall Last Applied Settings” button also recalls the value of the RGB Channel check boxes, if they exist on the dialog.
5. Now, pressing the “Reset All Settings to Defaults” also resets the value of the RGB Channel check boxes, if they exist on the dialog.
6. Fixed a bug that caused Xplorplus to crash when applying changes in the “Rotate” and “Size” dialogs.
7. Now the “Size” dialog allows a maximum increase of double the pixel width and height, instead of 1.5 times (ie: 3000 x 2000 → 6000 x 4000 pixels).

### ***Thumbnail Viewer***

1. Added “Options → Thumb Display Style” menu.
2. Added “Options → Thumb Display Style → Custom Colors” menu option. This is the original view.
3. Added “Options → Thumb Display Style → Drop-Shadow” menu option. This option displays the Thumbs with a 3-D drop shadow look. Background and Border colors cannot be changed when this option is selected.
4. Added “Options → Auto Adjust Orientation” menu option, that if checked rotates the image according to the EXIF orientation data, if found.

## Version 1.4.7 – 15<sup>th</sup> May 2006

### ***File Manager***

1. Added “Wipe and Destroy Files...” option to the context sensitive popup menu that appears on the Right-Click of the Mouse in the File Lists. For all selected files plus files in selected folders, this option clears the file contents before permanently removing all traces of the original file. A confirmation dialog appears before proceeding. This feature can be used to ensure absolute privacy of deleted file information.
2. Fixed a bug that caused “New Folders” to be created in the wrong Parent folder when right-clicking the mouse on a “non-current” folder in the Drive/Folder list.

### ***Image Manager***

1. Changed the dialog box that appears if the “File → Prompt to Save if Changed” menu option is checked, and the image has been changed. This dialog appears only if the image has changed and Image Manager is closed, or the Next Image is requested. Now, hopefully, it is more user-friendly.
2. Changed the title of the “Selection Feathering” checkbox to “Selection Effects” because it enables both Feathering and Transparency.
3. Improved the operation of the “Selection Effects”, both Edge Feathering and Transparency, when using the “Edit → Copy Selection” option, followed by the “Edit → Paste to Selection” option.
4. Now ‘Saving’, ‘Backing-Up’ an Image, and ‘Merging Objects’ operations, are all logged if logging is active.
5. Added RAW support for Imacon and Sinar data-backs, and 4 other new models of cameras.
6. Added the ability to Open and Save images with the Adobe Photoshop .PSD format. Although, currently, any layers will be merged if changed and saved.
7. Improved the “Saturation” algorithm used on the “Hue, Saturation and Lightness” dialog.
8. Added a “Tint” option, as an alternative to “Hue”, on the “Hue, Saturation and Lightness” dialog.
9. Added “Image → Convert Image or Selection to → Colorized Grayscale...” menu option.
10. Added “Colorized Grayscale” dialog. This feature can be used to change any image to a “coloured” greyscale image.
11. Added various EXIF properties: Exposure Mode, Equiv. 35mm Focal Length, White Balance, Scene Setting, Gain Control, Camera Contrast, Camera Sharpening, Camera Saturation, and Subject Distance.
12. Added “Settings → RAW Image Color Profile” menu option.
13. Added “Settings → RAW Image Color Profile → Enable” menu option.
14. Added “Settings → RAW Image Color Profile → Settings...” menu option.

## Xplorplus Changes

15. Added “RAW Image Color Profile Settings” dialog that can be used to configure the color multipliers applied to a RAW image type, while it is being loaded into the viewer. The changes are applied to all RAW images subsequently loaded, if the Profile is Enabled using the appropriate menu option.
16. Added “Inner Shading” effect to the “Edge Fade, Border, and Shadow Settings” dialog, opened from the “Image” menu.
17. Added GPS (Global Positioning System) EXIF information to the Properties display, if present. Values include:
  - GPS Version,
  - UTC (Universal Coordinated Time, same as GMT) Date Stamp,
  - UTC Time Stamp,
  - Latitude,
  - Longitude,
  - Reference Altitude,
  - Relative Altitude,
  - Image Direction, and
  - Geodetic Survey Data.

### ***Image Batch Conversion***

1. Included the “RAW Image Color Profile” setting in the Batch Conversion, if enabled in Image Manager.

## Version 1.4.6 – 24<sup>th</sup> April 2006

### ***File Manager***

1. Improved the way that the 'plus-signs' are removed from remote shared folders (UNC's) that have no sub-folders, in the drive list.
2. Added "Options → Activate List Under Mouse" menu option. When this option is checked, it is NOT necessary to click the mouse on a Drive or File list to make it active.
3. Made a slight re-arrangement of the "Options" menu items.

### ***Image Manager***

1. Added "Options → Log Image Changes" menu option. When checked, Image Manager creates a LOG file, when the changed image is SAVED or CLOSED. The LOG contains Time-Stamped details of the changes made to the whole image, line-by-line. Subsequent OPENS and CHANGES are appended to the log file. The LOG file is in the same folder as the image with the same name + ".log" on the end. The features that are logged are:
  - a. All the "Image" menu options, including when a part of the image is selected.
  - b. All the Speed-Key functions.
  - c. All the "Selection" menu options that change part of the image.
  - d. All the "File" menu options that change all or part of the image.
  - e. The "Edit" Cut, Paste, Cut Selection and Paste to Selection options.
2. Added "Options → Show Log File..." menu option. This view of the Log file is updated whenever the image is changed, and indicates whether logging is enabled or not.
3. Added a Checkbox and Slide Adjuster to allow Feathering the edges of selections. Feathering blends the edges of a selection to the non-selected part of the image. Feathering can use a pixel radius of between 0.1 and 100.0 pixels. This Checkbox is only available when the Mouse is set to select part of the image. The features that are Feathered are:
  - a. All the "Image" menu options where a part of the image is selected and changed, including those done using the Image Adjustment dialogs.
  - b. All the "Selection" menu options that change part of the image.
  - c. All the "File" menu options that change part of the image.
  - d. The "Edit" Paste to Selection option.
4. Added the ability to adjust the Alpha Transparency of a change applied to a Selected part of the Image. This feature (slide adjuster) is only available when the Mouse is set to Select a part of the image.
5. Added "Selection → Shade Outside Selection" menu option. This option greys out the area, which is not selected, to emphasise the selected area.

## Xplorplus Changes

6. Added “Selection → Save Marquee Position” and “ → Restore Marquee Position” to save and restore the selection shape. The saves queue as: Save (1), Save (2), Save (3), etc, and the Restores are as follows: Rest (3), Rest (2) and Rest (1).

### ***Image Adjustment Dialogs***

1. Now it is NOT possible to De-Select a Selected image when these dialogs are open.

### ***Image Batch Conversion***

1. Added a check-box option called “Log Changes” to the “Image Adjustments” dialog. All requested adjustments are recorded into an individual log file for each image processed in the batch. The LOG file is in the same folder as the converted image and with the same name as the image file + “.log” on the end.

### ***FlushIE***

1. Now ‘Wipes’ the Cookie and Index files, by writing binary zeroes (0’s) through their entire lengths, before deleting them. This makes it impossible to retrieve any data from them if they are recovered by a third-party application.
2. Minor title and display changes.

### ***Image Contact Sheet Manager***

2. Changed the toolbar and Icon, used to open a Contact Sheet in the Image Manager for viewing and printing etc, to a normal Text button.

## **Version 1.4.5 – 13<sup>th</sup> March 2006**

### ***Image Manager***

1. Added a Toolbar containing buttons for most of the commonly used options, eg: Open, Close, Print Preview, Previous/Next Image, Undo, Redo, Zoom, Properties, Speed-keys, and 8 Image Adjustments.
2. Added “Options → Log Image Changes” menu option. When checked, Image Manager creates a LOG file, when the changed image is SAVED or CLOSED. The LOG contains Time-Stamped details of the changes made to the whole image, line-by-line. Subsequent OPENS and CHANGES are appended to the log file. The LOG file is in the same folder as the image with the same name + “.log” on the end.

### ***Associations Manager***

1. Now double-clicking the left mouse button on an association item opens the “Change Association” dialog.

### ***Change Properties***

1. A small misbehaviour in the “Invert Selection” option has been fixed.

### ***Control Panel Viewer***

1. Now “Show Tooltips” works properly.

### ***Network Viewer***

1. Now “Show Tooltips” works properly.

### ***Printers Viewer***

1. Now “Show Tooltips” works properly.

### ***Image Batch Conversion***

1. The “RGB Color Intensity” setting titles have been changed from “Gradient Start” and “Gradient End” to “RGB Start Value” and “RGB End Value”, respectively.

### ***Image Adjustment Dialogs***

1. The “RGB Color Intensity” dialog setting titles have been changed from “Gradient Start” and “Gradient End” to “RGB Start Value” and “RGB End Value”, respectively.

### ***Speed-Keys Dialog***

1. The “RGB Color Intensity” dialog setting titles have been changed from “Gradient Start” and “Gradient End” to “RGB Start Value” and “RGB End Value”, respectively.

## Version 1.4.4 – 28<sup>th</sup> February 2006

### ***Image Batch Conversion***

1. Added an "Image Adjustments" button.
2. Added an "Adjust Images" Checkbox to enable the "Image Adjustments" button.
3. Added a "Batch Image Adjustments" dialog displayed when "1" above is pressed. This dialog configures batch change settings for:
  - a. Contrast and Brightness,
  - b. Hue, Saturation, and Lightness,
  - c. RGB Color Levels,
  - d. RGB Color Intensity,
  - e. RGB Color White Balance,
  - f. Sharpen,
  - g. Threshold and Equalization,
  - h. Remove Color Cast, and
  - i. Convert to Grayscale.
  - j. Rotate or Flip (5 options)
4. Now, if the Output Format is JPEG, it is possible to choose the Quality and therefore the Size of the output image. There are 19 settings plus 'auto', which calculates the quality of the input image for the output quality.
5. Now it is possible to highlight multiple files in the file list (by holding down the Ctrl or Shift keys), and then press the new "Select Highlighted" button, to check them.
6. Now uses the new improved Contrast algorithm.

### ***Image Adjustment Dialogs***

1. Added "Add to Batch Conversion Settings" button to all the relevant dialogs.
2. Improved the Contrast algorithm on the "Contrast and Brightness" dialog, plus it can now work in the 3 RGB channels independently, and the Contrast Midpoint (lighten/darken) can be adjusted.
3. Changed "Image → Adjust Image or Selection → RGB Color Intensity..." dialog to work with a completely new algorithm. Basically it allows you to increase or decrease the color Intensity between a Start and End RGB color range. The value is applied "progressively" to the range to produce a gradual brightening or darkening into the middle of the range. The effect is a very smooth and effective improvement in the perceived color dynamics.
4. Changed the "Image → Convert Image or Selection to → RGB Swap/Greyscale..." dialog to combine the ability to swap RGB channels and create Grayscales based on Red, Green, Blue, or Normal.
5. Removed the "Perceived Contrast" adjustment dialog.



### **Image Manager**

1. Added "Options → Show Speed-Keys" menu option, to apply preset image adjustments quickly.
2. Now ALL the menus are disabled while the "Image → Rotate or Flip → Correct Non-Level Horizon..." dialog is open. You must close the dialog to use the menus again.
3. Added "Selection → Invert" menu option.
4. Fixed a bug that caused the progress bar to stay visible sometimes, after completing a process.
7. Now offers RAW support for 121 (was 115) models of 13 makes of camera including the new Nikon D200, Canon EOS 20Da and Pentax \*ist DS2.
8. Added "File → Save a Copy (for Emailing?)..." menu option and dialog, to create various JPEG sizes and qualities as a COPY of the image, in the current folder.
9. The Print Preview dialog now opens quicker.

### **Image Speed-Keys (New)**

1. Added a new dialog that offers 10 Instant and Configurable Key shortcuts to 10 image adjustments, which can be changed as they are being used.
2. Now has the ability to update 1 or All the Image Adjustment settings for Batch Conversion, with the current Speed-Key values.
3. Now uses the new improved Contrast/Midpoint algorithm.

### **File Manager**

1. Now, when the Evaluation Period has expired and the product has not been registered, Xplorplus shows the "Purchase Xplorplus XP" dialog, to help the user connect to the appropriate web page, fill in their details and download a Registration Number.
2. Added "Tools → Batch Convert Images..." menu option to open the Batch Conversion dialog.
3. Fixed a tiny bug that caused Xplorplus to terminate when a particular menu option was chosen, in a certain context.

### **Screen Capture**

1. Now Screen Capture remembers ALL the menu option settings.

### **Thumb Viewer**

1. Added "Tools → Batch Convert Images..." menu option to open the Batch Conversion dialog.

## Version 1.4.3 – 23<sup>rd</sup> January 2006

### ***File Manager***

1. Added a new main menu called "Managers"
2. Moved "Create Image Contact Sheets..." from the "Tools" menu to the "Managers" menu.
3. Added "Create AVI File from Images..." to the "Managers" menu.
4. Moved "Rename Multiple Files..." from the "File" menu to the "Managers" menu.
5. Moved "Clear Internet Explorer Cache..." from the "Tools" menu to the "Managers" menu.
6. Added "Clear Work Files..." to the "Managers" menu. This option lets you clear the "Recent Documents", "Temporary", and IE Caches and/or configure them to be cleared at startup time.
7. Moved "Change Properties for Files..." from the "Tools" menu to the "Managers" menu.
8. Moved "Change File Associations..." from the "Tools" menu to the "Managers" menu.
9. Updated the Help file.
10. Updated the Keyboard Shortcut Help file.
11. Implemented a "Smart-Positioning" strategy when opening all X+ windows and dialogs. This works to ensure that any windows are totally within the screen when first opened, even if the resolution of the screen is reduced.
12. Added "Help → Information Documents" menu option, with submenus, to view the "X+ Whats New.rtf", "X+ Supported Image Formats.doc", "X+ Features.doc", and "X+ Supported Digital Cameras.doc" documents.

### ***Image Manager***

1. Now Copy/Cut/Paste recognise alpha transparency within the application.
2. Now there is an additional Threshold control which affects all RGB channels simultaneously, using a different calculation.
3. Now the Print Preview dialog settings for Margins, Position, Gamma and Size are remembered between Xplorplus sessions.
4. Enhanced image quality for Digital Camera RAW images.
5. Now 13 Digital Camera makes, and 115 models are supported. See the "X+ Supported Digital Cameras.doc" Word document in the zip file.
6. Now all the following Image Adjustment dialogs can RECALL the Last Used settings: Contrast/Brightness, Perceived Contrast, Hue/Saturation/Lightness, RGB Color Levels/Intensity/White Balance, Sharpen/Soften, Threshold/Equalize, Size, and Rotate - Arbitrary.
7. Now there is a NEW IMPROVED THRESHOLD algorithm that works separately in all the RGB channels.

## Xplorplus Changes

8. Now the "File → Print..." option uses the same image position settings as those last set and used in the Print Preview dialog.
2. Added "Options → Auto-Rotate JPEGs and TIFFs", that rotates these image types if the orientation value is found in the EXIF information. Therefore, it only affects Digital Camera images.
3. Added "Image → Compare with Original..." menu option. Shows the Original and Changed images side-by-side for comparison. Zooming and Scrolling of the 2 images can optionally be Synchronised. Any change to the main image updates the right-hand "Changed" image. If the image is changed to another file, both "Original" and "Changed" are updated within a second.
4. Added Pixel Coordinate, Color and RGB value displays to both the "Original" and "Changed" images headers.
5. Added "Options → Synchronise Pixel Info" to "Compare with Original" dialog. This option automatically shows the info for the exact same pixel coordinate at the mouse point, for both images simultaneously. Only available if both the images are exactly the same size.
6. Changed all the Image Adjustment "Save" buttons to show as "Apply", plus added a descriptive ToolTip to explain the button's function.

### **Search Drives**

1. Now Folders are also found if they match the search criteria.

### **FlushIE**

1. Now also clears the "Recent Documents" and "Temporary Files" folders on Startup, if requested.
7. Now the Startup Display does NOT show the ACTUAL folder names of the objects cleared.

### **Image Contact Sheet Manager**

1. Added "Hide Borders" option. This option can be used to remove the gray lines around each image.
8. Added "Show Folder Name" to the "Headings" options. Unchecking this option removes the second heading line that shows the folder the contact sheet images came from.

## **Version 1.4.2 – 28<sup>th</sup> December 2005**

### ***Image Manager***

1. Added "Image → Adjust Image or Selection → RGB Color Intensity..." dialog.
2. Removed menu "Image → Change Resolution and/or Size..." menu and dialog.
3. Added menu "Image → Change Size, Proportion, DPI..." menu and dialog. This a complete replacement for, and with a different approach to, the dialog deleted in point 2 above.
4. Added "Tools → Make AVI from Images..." menu. To compile multiple images of any compatible formats, and any mixture of sizes, into a single AVI file.

### ***Thumb Viewer***

1. Added "Tools" main menu.
9. Added "Tools → Make Contact Sheets..." menu, moved from the "Thumbnails" menu.
10. Added "Tools → Make AVI from Images..." menu. To compile multiple images of any compatible formats, and any mixture of sizes, into a single AVI file.
11. Moved the "Thumbnails → Refresh Thumbs" menu to the top of the menu list, for easier access.

### ***Create AVI from Images***

1. New dialog to compile any number of images in a folder, of any compatible formats, and any mixture of sizes, into a single AVI file.

## **Version 1.4.1 – 23<sup>rd</sup> December 2005**

### ***Image Manager***

1. Added "Image → Auto Sharpen" menu option.
2. Added "Image → Auto White Balance" menu option. This feature works best for images without white colors.
3. Added "Image → Remove Color Cast" menu option. This feature works best with poor quality images to improve the color balance.
4. Added a "Shadow Contrast" adjustment control to the "Image → Adjust Image or Selection → Contrast and Brightness..." dialog.
5. Added "Image → Adjust Image or Selection → RGB White Balance..." dialog.
6. Added "Image → Adjust Image or Selection → Perceived Contrast..." dialog.
7. Added "Mouse Action → Adjust White Balance" menu option. Use this feature to click on colors in the image to adjust the WB results, until satisfied.
8. Added a Color Indicator box, between the X-Y Coordinate and RGB Color displays, that displays the actual color under the mouse pointer.
9. Fixed a cursor bug.
10. Added a Panel in the Status Bar at the bottom of the Image Manager, to indicate the current use of the Mouse.
11. Changed "File → Open..." menu to show as "File → Open in Current Folder..."
12. Added "File → Open in Last 'Save As' Folder..." menu, to avoid the need to navigate back and forth between folders when opening images.
13. Added "File → Save As in Current Folder..." menu, to avoid the need to navigate back and forth between folders when saving.

### ***Rename Multiple Files***

1. Simplified the dialog, to show only the 'New File Name Template' components on the window that are actually in use, hiding all the others.

### ***IE Cache Manager***

1. Changed the color of the title in the Startup dialog.

## Version 1.3.4 – 9<sup>th</sup> December 2005

### *File Manager*

1. Moved the "Tools → Viewers" menu from the "Tools" menu to an main menu of it's own.

### *Image Manager*

1. Added "Mouse Action → Magnifier" menu to display a moveable image magnifier.
2. Added "Settings → Magnifier Style → Rectangular" menu.
3. Added "Settings → Magnifier Style → Circular" menu.
4. Added "Settings → Magnifier Style → Magnify 200%" menu.
5. Added "Settings → Magnifier Style → Magnify 300%" menu.
6. Added "Settings → Magnifier Style → Sizeable" menu.
7. Fixed a bug that sometimes made it difficult to size a selected area on certain drag-handles.
8. Changed the "Create an Object → Highlight Rectangle" to display as "Color Filter" to be more accurate about it's intended use.
9. Fixed a bug that causes Xplorplus to fail when an image with the PCL format is read. Now a message displays instead.
10. Now the EXIF Preview Image is properly displayed, when requested, for the PEF (Pentax) Camera RAW image type.
11. Added "Options → Fast-Read Camera RAW Images" menu option to speed up the display speed. NOT recommended for editing, only viewing the image as only half the image is read.
12. Now the Print Preview Measure Units are changed to Inches/Centimetres when the "Settings → Measure Units" menu options are changed.
13. Added a Caption to the Print Preview Dialog and Window.
14. Fixed a bug that caused the Rotation Sampling Method setting to change sometimes.
15. Added "Image → Rotate or Flip → Correct Non-Level Horizon..." menu option and 3-step dialog, to rotate an image by drawing 2 lines along the existing horizon and the required horizon, then using the angle between them to calculate the degrees of rotation.
16. Reduced the size of the "Image → Adjust Image or Selection" dialogs, and changed the font style.
17. Changed all the dialogs to use the same font.
18. Now the displayed image size units change through 'Pixels > Inches > Centimetres' as the "Settings → Measure Units" selection changes.
19. Added "Settings → Always Display Pixel Size" menu option to override the previous point (18) setting.

## Xplorplus Changes

20. Added "Image → Change Aspect Ratio..." menu option and dialog, to change either width or height and thereby changing the rectangular proportion.
21. Added "Image → Balance Color Channels" to repair poor quality images by removing excessive color bias.
22. Changed the look of the Properties display to to a Ledger-styled list, to make it easier to see each individual line.
23. Fixed a bug that could cause the wrong file type to display after a "File → Save As..." operation.
24. Added "Settings → Acquired Image Format → JPEG" and "(same) → TIFF" to allow the choice of a JPG or TIF output from the scan.

### **Slide Show**

1. Now the Floating Control is semi-transparent to make it less obtrusive.
2. Now the Floating Control is re-positioned to still be visible if the screen size is reduced and it would have been off the screen. This is important for users with a laptop who sometimes plug into a monitor with a different size.
3. Added a Drop-Down menu containing all the options shown on the Floating Control, plus an option to Show or Hide the control, for people who like menus.
4. Fixed a bug that caused an error when double-clicking the right mouse button on the floating control.

### **Thumb Viewer**

1. Changed the way the "Slide Show → Sound" menus work.
2. Fixed a bug that happens in Windows XP with SP3 where the mouse is moved over a non-file thumb causes an error 53 "File not Found".
3. Fixed a bug that ONLY occurs under XP SP3 (NOT officially released by Microsoft as at 16-11-2005), that causes the Thumb Viewer to read Folders as Files!!!
4. Improved the caching of thumb images to cater for lots of large images.
5. Added a Caption to the Print Preview Window.
6. Fixed a bug that caused Pentax PEF format images to show as black.
7. Changed the "Thumbnails → Open in Internal Viewer" menu caption to "Thumbnails → Open in Image Manager".

### **Image Contact Sheet Manager**

1. Added a Caption to the Print Preview Window.

## Version 1.3.3 – 26<sup>th</sup> October 2005

### ***Recycle Bin Viewer***

1. Fixed a bug that caused the drop-down menu to take 2 right-mouse clicks to open the first time it was used.
2. Improved the auto-update algorithm.

### ***Printers Viewer***

1. Fixed a bug that caused a Catastrophic Failure on some systems when the drop-down menu was opened.

### ***Network Viewer***

1. Improved the user interface to show shares, folders and files properly in the file list.
2. Simplified the context menus.
3. Now drag-and-drop of folders and files is supported when appropriate.

### ***Image Manager***

1. Removed Screen Size menu option.
2. Improved the algorithm for calculating the Displayed Print Size of an image.
3. Now the "Show EXIF Preview Image" menu option setting is saved on exit.
4. Now when the mouse is moved over the EXIF preview image (when visible), the Offset and RGB color values are displayed in the relevant boxes with a Yellow background.
5. Added "Image → Convert to → Desaturated" menu option. This option is similar to "Convert to → Grayscale", but uses a different algorithm and produces a slightly different result.
6. Added "Image → Remove RGB Channels → Red" etc. menu options. Red, Green and Blue color channels can be removed completely, either individually or in any combination.
7. Added "Image → Add Border → White" menu option.
8. Added "Preview" checkbox option to all the adjustment dialogs, to see the difference between the original and the adjusted image.
9. Fixed bug that caused the mouse cursor to remain as a "move" image when an area is selected.
10. Added "Image → Fade Edge → to Background Color" menu option.
11. Now the "Preview" feature of the Image Adjustment dialogs also works when adjusting a selected area of the image.
12. Added "Reverse Cut" option to the Threshold and Equalization adjustment dialog, to cut dark colors to white and light colors to black, which is the reverse of normal.
13. Removed 2 of the "Mouse Action → Magic Wand" menu options leaving 1 general option that when selected, displays the Magic Wand Settings dialog.



## Xplorplus Changes

14. Replaced all the Magic Wand Settings menu options with an interactive dialog. The dialog allows the Clicked Color Behaviour and Color Tolerance to be changed while clicking on the image to fine tune the result.
15. Added the ability to De-Select a selection by Right-Mouse Clicking anywhere on the image.
16. Removed and replaced All the "Image → Fade Edge/Add Border/Add Shadow" menus with an interactive dialog, where the settings can be adjusted while trying out the results. Includes an Undo option.
17. Fixed a bug that caused a Save dialog to repeatedly appear when "File → Prompt to Save When Changed" menu option selected.
18. Fixed a bug that sometimes appears when Editing a Polygon object.
19. Simplified the wording and layout of the "Image" menu options.
20. Now the "Mouse Action → Object Selection" menu option is not available when there are no objects on the image.
21. Now, before exiting or moving to the next image, if there are unmerged objects on the image, and even if "Prompt to Save if Changed" is NOT checked, a dialog will appear to ask you if you want to Merge the objects.
22. Now the "Offset - RGB" window shows the R, G, and B as Red, Green, and Blue numbers, respectively.
23. Now the "Offset - RGB" window values are updated while the Image Adjustment dialogs are showing.
24. Now it is possible to Move and/or Resize selected objects using the arrow keys with a combination of Ctrl and Shift keys. Just the Arrow keys will Move the selected objects 1 pixel. The Shift+Arrow keys means Resize by 1 pixel. By holding the Ctrl key down as well, Moving and/or Resizing increases to 5 pixel changes.
25. Now Ctrl-C, Ctrl-X, and Ctrl-V Copy, Cut and Paste Objects when 1 or more objects are selected. When NO OBJECT is selected these keys normally Copy, Cut or Paste the Image.
26. Re-designed the Object Properties dialog, to simplify it and add Object "Position & Size" information. Replaced all the option buttons with drop-down lists to save space, and added the Pen, Fill and Font information for the selected object.
27. Now, when you click the mouse on an object, move it, or size it, a tooltip appears for 15 seconds to show the position and size of the object.
28. Improved the layout and displayed decimals in the Print Preview dialog.
29. Fixed a bug that caused the wrong objects to be deleted if they were created by a Copy and Paste action.

### ***Image Contact Sheet Manager***

1. Added 6 common "Screen" sizes to the choices in the Sheet Size drop-down list box.

### ***Rename Multiple Files***

1. Simplified the perceived dialog by placing PREFIX and SUFFIX rename options on 2 separate tabs.

## Xplorplus Changes

2. Now the text boxes are greyed-out if they do NOT contain text.

### **Slide Show**

1. Added a floating Control containing buttons for Pause/Continue, Exit, Previous, Next, Faster, Slower, Remove and Help.
2. Added a Mute button to the floating control.
3. Now the mouse pointer changes to a 'move-hand' when over the left-most 'move-control' button.

### **Thumb Viewer**

1. Added a Sound option to the Slide Show.
2. Added "Slide Show → Sound → Play Sound File(s)" menu option. If no files have been selected, a dialog will appear automatically to let you choose the sound files. Pressing Cancel will keep the previous selections if any, or turn off sound if there was not a previous selection.
3. Added "Slide Show → Sound → Pause Sound with Image" menu option. When this option is checked, the sound is paused when the slide show is paused.
4. Added "Slide Show → Sound → Choose Sound File(s)" menu option. This option lets you select 1 or more sound files. If 1 file is selected it will be played repeatedly. If multiple sound files are selected (using the Ctrl or Shift keys) they will all be played in succession then repeated. If no sound file is selected and there was not a previous selection, no sound will play.

## **Version 1.3.2 – 28<sup>th</sup> December 2005**

### ***Image Manager***

1. Changed the Image Adjustment dialogs so preview changes are made to the main image instead of the small dialog image.
2. Removed the Effects menu option.
3. Replaced the "Image → Blur" menu with a Blur and Sharpen dialog.
4. Now the edges of the image are not clipped when a Border is added to it, the image is resized to fit entirely within the border.
5. Added "Object(s) → Selected Object(s) → Edit Free-Form Line/Shape" menu option. Available only when a Free-Form Line or Shape object is selected.

### ***Image Batch Conversion***

1. Now it is possible to convert from 82 input formats to 36 output formats.

## Version 1.3.1 – 18<sup>th</sup> November 2005

### *Image Manager*

1. The Batch Conversion dialog is now a separate window.
2. Image Manager now supports proprietary plug-ins.
3. Image Manager can now load, edit and SAVE 25 new image formats, as follows: PCD, CUT, AVS, CIN, DOT, DPX, FITS, FPX, HDF, MIFF, MTV, PALM, PCL, PICT, SGI, SUN, SVG, VICAR, VIFF, XBM, XCF, XPM, JBG, JBIG and BIE.
4. Image Manager can now load and edit 8 new image formats, as follows: DNG (RAW Digital NeGative format), DCM, DICOM, MAT, PIX, PWP, RLA and TTF.
5. New "Tools" menu for Batch Conversion, Make Contact Sheets, Screen Capture and Acquire from Scanner menu options. Moved from Options menu.
6. The image Properties are now displayed in colors, to show General Properties in Red, Type Properties in Green, and EXIF Properties in Blue, all in separate blocks.
7. RAW image color improvements.
8. Added "Options → Use RAW Auto White Balance" menu option.
9. Added "Mouse Action → Create Polygon from Edge" menu option. Click on a pixel in the image to define the start color.
10. Added "Object(s) → Create an Object → Free Form Line" menu.
11. Added "Object(s) → Selected Object(s) → Fit Text to Path" menu option. To use select 1 Polygon OR Free Form Line object, plus 1 Text object ONLY.

## **Version 1.2.6 – 29<sup>th</sup> August 2005**

### ***File Manager***

1. Fixed a bug in renaming a new folder when another folder is selected that caused wrong folder names.
2. Fixed a bug in renaming a new folder on the Desktop, when the Desktop folder is selected, causing Xplorplus to end.
3. Fixed a bug in deleting a folder in the Drive list.
4. Image Manager toolbar button tool tip now says "Image Manager", not "Picture Viewer".
5. Fixed a bug when Exiting the "Compare File Lists" dialog, after actually performing a compare, which caused a different sort sequence in the 2 file lists.
6. Fixed a bug in Keyboard Shortcuts Help dialog.

### ***Image Contact Sheet Manager***

1. Enhancements added to increase image size, layout and rotation options.
2. Now automatically senses folder changes and displays all or the selected image file counts for the folder.
3. Improved speed when working with large (1 or 2 images across) images.
4. When "Images Across" set to 1, all images are now resized to fit in the sheet.
5. Added option to show or hide the headings.
6. Now up to 4 times faster than Photoshop 7, especially when processing large images.
7. Now does 1 to 12 images per row, 1 to 264 images per page.
8. Added buttons to Print, Print Preview, or View the Selected Sheet.
9. Added an option to use the last level part of the current folder name as the contact sheet heading and file name.
10. Now it is NOT possible to change directories in Xplorplus (the File Manager) while the contact sheet is being created.
11. Now there are 21 contact sheet size options, including A2 to A6, Super A3, CD and DVD Covers, B3 to B6, Letter and Legal, plus more.
12. Now it is possible to hide the contact sheet during the build process to speed up building the images on to the sheet considerably, sometimes up to 20 times faster.
13. Added options to add the Date and/or the Sheet Size to the end of the file name and Heading, to avoid overwriting previous files.

### ***Rename Multiple Files***

1. Added options to add a Custom date, or the File's Last Modified date in the New Name template.
2. Fixed a bug using certain sequence numbers.

## Xplorplus Changes

3. Added an option to use the last level part of the current folder name in the rename template.

### **Thumb Viewer**

1. The "Thumbnails → Select All Thumbs" menu now selects all the image files in the file list, as well as in the Thumb Viewer.
2. Added "Options → Show Non-Images as Blanks" menu to optionally indicated files selected in error. Selecting this option turns off the "Auto-Refresh Thumbs on Folder Change" menu option.
3. Added "STOP" menu to interrupt filling the Thumbnail Viewer. Menu is only visible during the filling process.
4. Now De-Selecting a Thumb also De-Selects the associated file in the file list.
5. Now removing the current image from the Show in "Show Selected" mode, by pressing F10 or R, also De-Selects the associated file in the file list.
6. Fixed a display bug again, where the progress-bar did not resize properly after the Thumb Viewer was minimized.
7. Added "Options → Hide Images While Loading" to speed up the loading process, especially with large numbers of smaller images.
8. Now, if the Thumb Viewer is minimized while it is loading images, it will re-display itself when finished.
9. Now a warning message is displayed when attempting to Auto-Rotate a thumb that can NOT be rotated due to it's format, or if it is an EXIF Preview Image.
10. Improved the quality of non-JPEG output images after rotation.

### **Image Manager**

1. Fixed a bug in Merging All Objects while a new object is still selected caused it to disappear. Now you can only "Merge All" if NO objects are selected.
2. Added "File → Print..." menu option for direct printing.
3. Added "File → Print Setup..." menu option.
4. Added "Options → Make Contact Sheet(s)..." menu option.
5. Added "Settings → Auto-Adjust RAW Image Colors", to adjust the color of a RAW image using the EXIF Preview image colors.
6. Added "Settings → Show EXIF Preview Image". The Preview window is only visible if there is an EXIF preview.
7. Now Clicking the mouse outside a Selection Cancels the selection.

### **Image Batch Conversion**

1. Improved the quality of the JPEGs output.
2. Fixed a bug that occurred when opening and resizing, while the Image Properties were showing.
3. Now when an image file extension does not match the image format, an error message is displayed.

## Xplorplus Changes

4. Now you can enter a custom value in the Output size dropdown list.
5. Now successfully converted images display as green in the file list.
6. Added a STOP button to interrupt the conversion process.
7. Added all RAW types to the Input Type list box.

### ***Property Changer***

1. Improved the speed of changing multiple file extensions.

### ***IE Cache Manager***

1. Now ALL EXCEPT Protected Cookies are deleted if 'Clear All Cookies on Restart' is checked. (Previously ALL, including Protected cookies were deleted)

## **Version 1.2.5 – 10<sup>th</sup> July 2005**

### ***File Manager***

1. There is now a new Tools menu option 'Contact Sheet Manager...!'

### ***Thumb Viewer***

1. There is now a new Thumbs menu option 'Make Contact Sheet(s)...'

### ***Image Contact Sheet Manager (New)***

1. This is a new window that lets you create image Contact Sheets (containing multiple arranged images) from the image files in a folder. The sheets contain 2 headings containing the date, file name, page number, folder name, and then the images. Sheets can be created in either portrait or landscape orientation. Images can be arranged horizontally or vertically, showing from 1 to 8 images per row. Either all or the selected files can be used. There is also a 'test' mode that lets you work out the best layout for the number and size of the contact sheet pictures, without saving.



## **Version 1.2.4 – 30<sup>th</sup> June 2005**

### ***File Manager***

1. There is now a new File menu option 'Rename Multiple Files...!.

### ***Rename Multiple Files (New)***

1. This is a new window that lets you change 1 or more files according to a 'mask' or 'template'. The mask includes a prefix and a suffix to the original filename each containing options for: 2 separate text positions, sequence numbers, todays date and time, or the file date and time. The rename mask results can be previewed in a separate window before doing the final rename.

## Version 1.2.3 – 25<sup>th</sup> June 2005

### ***Help - About Window***

1. Now shows the registered user name, or "Evaluation User" if not registered.

### ***File Manager***

1. Fixed a bug that stopped users registering after the trial period had expired.

### ***IE Cache Manager***

1. Enhanced the deletion of the IE History cache entries to also delete the actual Internet Explorer DISPLAYED list, if the "Select All" option is chosen.
2. Now there is an option to delete ALL IE caches in one action, except for protected cookies.

### ***Thumb Viewer***

1. There is a new menu option on the ThumbViewer File menu: "Auto-Refresh on Folder Change" which allows you to turn this feature ON or OFF.
2. When the above menu option is OFF you can now select multiple files in the file list then click on the ThumbViewer window and press Ctrl-R (Refresh Thumbs) to re-populate the Viewer with only the selected file images. Selecting only 1 file will cause the Viewer to populate with ALL file images in the folder.
3. There is a new option while the Slide Show is playing, to Remove the current image from the Show if in "Show Selected" mode. Press F10 or R to Remove the image. If in Continuous Play mode, the image will not be shown on the next loop.
4. Fixed a display bug, where the progress-bar did not resize properly after the Thumb Viewer was minimized.

### ***Image Manager***

1. Added the ability to read, display, edit and save RAW image types (but NOT Save as RAW).
2. Now shows Digital Camera EXIF properties, if available.
3. Added the option to save images as PS, EPS (PostScript) or PDF (Adobe Portable Document Format) file types.
4. Now shows the Selection Width and Selection Height values while selecting part of an image. The values temporarily replace the Actual Image Width and Height values displayed in the information area at the top of the image, and are shown with a light yellow background.
5. Added menu option to Select from 1 of 11 preset area sizes from 320x200 to 2048x1536 pixels, or type in a custom size.
6. Added 4 new menu options (Settings → Rotation Sampling Method) to choose the resampling method to be used when rotating an image by 90, 180 or -90 degrees.
7. Moved "Zoom Filter (Display Only)" and "Screen Size" menu options from "Options" to "Settings".

## **Version 1.2.2 – 12<sup>th</sup> April 2005**

### ***IE Cache Manager (New)***

1. New feature implemented to delete the History and Temporary Internet File folders when the computer is restarted. Plus an option to refresh selected IE index.dat files (only available if the user actually logs on to Windows 2000/XP, not via the XP Welcome screen).

## **Version 1.2.1 – 11<sup>th</sup> April 2005**

### ***Thumb Viewer***

1. Fixed a problem where rotating image files (not just the thumb image) stored on a CD or write-protected media created an error. Now a dialog is displayed to say you can't do it.
2. Improved the algorithm for rotating image files (not just the image). Now JPEGs are rotated using a Lossless algorithm and all other image types are rotated free of compression.

### ***Image Manager***

1. Fixed a problem where switching between "Fit Image In Window" and "Show Print Size" and "Show Actual Pixels" didn't work properly.

### ***File Manager***

1. Fixed a problem where the last block of a file was not displayed in Binary/Hex View, if it was less than 16 bytes long.

### ***File Manager***

1. Fixed a problem where the file and folder counts are incorrectly displayed on the status bar after certain operations.
2. The Internet Explorer version is now displayed in the Quick System Information Viewer (double-click the status bar).

## **Version 1.1.13c – 31<sup>st</sup> March 2005**

### ***File Manager***

1. Now there is a menu option to launch a program or open a folder using a single mouse click. (Accessibility option for movement challenged people).

### ***Folder Report***

1. Now there are 8 ( $2^3$ ) combinations of Folder Report layouts possible, including one with just file names.

## **Version 1.1.13b – 24<sup>th</sup> March 2005**

### ***Thumb Viewer***

1. Now rotates selected thumbs properly and much faster if they are not rotating the actual image files.
2. Now multiple image selections are visible as file selections in the main file list, to enable drag & drop operations.
3. Now you can Select All Thumbs from a menu
4. Now you can Copy Selected Thumbs to another folder.

### ***Image Manager***

1. There is now a new interface for changing object properties interactively instead of through the menus. This includes a real-time Text Effect dialog.
2. There are now extra shapes and selection options.

## **Version 1.1.13 – 10<sup>th</sup> March 2005**

### ***File Manager***

1. Sticky Moveable Columns, by dragging the header.
2. Sticky Column Sorting, by clicking the header, or through a menu.
3. New "Options" → "Select Item on Mouse-Hover" menu, with varying time settings (Accessibility option for movement challenged people). Unlike Explorer, it works in BOTH the File List and the FOLDER TREE, PLUS... it expands after a given time, then it selects the folder and displays it's contents in the file list after a second timed interval.
4. Options - Watch Remote Folders menu (see Help)
5. F2 (as well as the original Ctrl-R) to Rename a selected item.
6. Updated Help file to cover the changes.
7. Updated Shortcut Keys file.
8. Remove need for Manifest Files.
9. Now opens Maximised if it was closed Maximised.

### ***Image Manager***

1. New Image Editor text effects

## **Version 1.1.12 – 6<sup>th</sup> March 2005**

### ***File Manager***

1. A minor bug that could cause an abrupt termination has been fixed. This happened when there was an attempt to change the column view in a blank file pane. The pane will now populate with the contents of c:\ first. This did not seem to happen under XP, only Win 2000.
2. A text find function has been added to the Help menu. This is accessed by using control-F. If help text is selected in the Help document before opening the Find dialog with Ctrl-F, the Textbox will contain the selected text, otherwise it will contain the last string entered. "Match Case" and "Whole Word" option settings are remembered between uses. OLE Drag and Drop is also possible from anywhere into the textbox. It has both Find and Find Next options.



## **Version 1.1.11 – 23<sup>rd</sup> February 2005**

### ***File Manager***

1. Fixed - Printing files from Xplorplus, or Print Previewing images from Image or Thumb Viewers, caused Xplorplus to crash if no printer was installed.
2. Added - Display Filter menu option (with 8 settings) to the Image Manager to make zoomed images smoother to look at.