

PCLTool SDK

V7.509 – 03/21/02 RELEASE NOTES

This release note covers all the enhancements, modifications and bug fixes to PCLTool SDK V7.5. Please refer to PTRELN71.PDF for all the release notes to the previous Version 7.1 release. The major changes included in V7.5 include:

1. We added enough support for **HPGL/2** to handle the PCL that is generated from a Windows PCL5/PCL5e- printer driver. In addition we've added more support for **User Defined Pattern Fills, Adaptive Compression, Lexmark Adaptive Compression #1008, Logical Operation (ROP3)** and more.
2. Our native Direct Driver (**PDFWrite.DLL**) now includes the following enhancements to virtually eliminate the need for the Adobe PDF Writer Driver when generating PDF files:
 - Support for conversions to vector and text PDF files.
 - TrueType fonts are embedded by default to insure against missing fonts when using the free Reader versus Acrobat Reader.
 - TrueType fonts and raster data is compressed by default to make smaller PDF files.
3. **PCLXForm.exe**: We continue to add new functions to PCLXForm and its Transformation Parameter Table (.TPT) programming language. We improved our PTPGXF.PDF documentation, relocated the sample .TPT's into a separate \TPT subdirectory and added many new sample .TPT's that include of:
 - Finding hidden PCL text for generating **PDF Bookmarks** for longer documents. See HIDE TEXT.PCL
 - Generation of external index formats for **ImageRight, FileNet** and the **DocuMorph** (The Xenos Group).
 - Extracting dental claim form text in .CSV format for migration into EDI transactions.
 - Splitting mixed page size (ie. Mortgage Loan docs.) into letter and legal PDF files with an index to merge them back after printing to any compatible dual bin printer or to single bin printers.
 - Merging of two PCL printstreams together.
 - Splitting PCL files based on hidden text with routing information to front-end a high volume RightFax Server.
4. **PCLTool.exe/PCLView.exe**: **Enhanced the rendering to the screen** of raster images when using the View Image and View PCL (bitmap format) functions.
5. **Color Text**: Added a PTC32.INI **AllowColor=** preference to process color text (**partial PCL5c**).

V7.5: Enhancements, Modifications & Bug Fixes

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| .EXE/HLP APP.INI | PCLTool/PCLView : Enhanced View Image and View PCL for raster files Added to [Preferences] BitmapViewQuality= to set the raster image view quality | |
| PCLPrint PCLPrint | Output letter only pgs to PDF using PDFWrite ltr size defs Output legal only pgs to PDF using PDFWrite & force it's defs to lgl size | [Valfin] [Valfin] |
| PCLXForm PCLXForm PCLXForm PCLXForm | Split Letter/Legal to PDF with index Split Letter/Legal to PCL with index Merge two PCL printstream together Burst multi-doc. printstream/extract routing information for RIGHTFAX | [LOANUS\PSIZEPDF.TPT] [PSIZEPCL.TPT] [MOML\MERGEPCCL.TPT] [CALLPS\SPLITPCL.TPT] [SNAPS] |
| PCLXForm PCLXForm PCLXForm | Added Set_Convert_Preference (cnDiableRelayer, 2) function Added Remove_File function Enhanced StreamEdit_Ins_File (, BEFORE) function | [UCLA] [UCLA] [CALLPS] |
| PDFWrite.DLL | Added many enhancements in support of new HPGL/2 support in PTC32.dll | |
| PTC32.DLL PTC32.DLL PTC32.DLL PTC32.DLL PTC32.DLL PTC32.DLL PTC32.DLL | HPGL/2/EMF: dropped line draw (Needs DIAGONALS) HPGL2 - Arcs HPGL/2 linedraw objects not scaling with text objects HPGL/2: "SHIPMENT" on screen & printer is not transparent (P) HPGL/2-34: Missing linedraw & text (P). Bar chart has extra lines (T) HPGL/2-11: "ARCHIV" Not transparent (P). HPGL/2: Linedraw missing (P) HPGL2 - Support Polygon arrow | [CSHS] [SER-RBC&PAYAMER] [SER] [SERMAC\INV.pcl] [EXXON\HEARING.pcl] [PMCF0001D.pcl] [EULER.pcl] [FB.PCL&COMPEND] |

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| PTC32.DLL | HPGL/2-12: Added support of hollow fonts | [AACB.pcl] |
| PTC32.DLL | HPGL/2: "Duplicata" doesn't view in the V5 Reader (P) | [VOLVO.pcl] |
| PTC32.DLL | HPGL/2: Pg. 3 in (P) – shaded area not opaque when printed | [CG.pcl] |
| PTC32.DLL | HPGL/2: Boxes and text are shrunk and offset (T/E/P) | [NEWCA320FLP.pcl] |
| PTC32.DLL | HPGL/2: Watermark missing when printed (E) | [PMC\F0001D.pcl] |
| PTC32.DLL | HPGL/2: Shading not correct | [CRTECHTREND.pcl] |
| PTC32.DLL | HPGL/2: Rotated HPGL2 text | [CRTECHTREND.pcl] |
| PTC32.DLL | HPGL/2: Reverse Landscape objects not rotated properly | [GLONLY\LOGIC.pcl] |
| PTC32.DLL | HPGL/2: Text outside page area was not snapping it back to printable area | [IRSAIS.pcl] |
| PTC32.DLL | HPGL/2: Bezier Curve support added | [FJA.pcl] |
| PTC32.DLL | EMF files are producing uncompressed raster data... we need it compressed | [BestComp] |
| PTC32.DLL | CompMeth=1008 A new compression method 1008 supported by Opra 614 | [LEXMARK\Front.pcl] |
| PTC32.INI | Added to [Preferences] AllowColor= to turn color support on/off | |
| PTC32.INI | Added to [Preferences] DisableHpgl= to turn HPGL/2 support on/off | |
| PTC32.INI | Added to [Preferences] DisableObjlayer= to select the object list relayering option | |
| PTV32.DLL | Added vpSetBmViewStyle function to select the view raster image quality level | |
| WINFMOVE | Embeds .TTF fonts into PDF's by default (EmbedPdfFonts=0 for resident fonts) | |
| COLORTXT.PCL | Sample file to show support for color text commands using AllowColor=1 preference | |

Modifications and Bug Fixes:

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| ENVPATCH.DLL | HPGL/2 Normalization patch code (custom) | [SER\gobierno] |
| IMGMAN30.DLL | Fixed a bug | |
| IM30TIF.DIL | Fixed a bug | |
| PTC32.DLL | Copy/Assign implemented | [MF\Catawba\BILFLPA.pcl] |
| PTC32.DLL | Copy/Assign scalable to #789, then refer to 789 in HPGL/2 text | [MF\Myers] |
| PTC32.DLL | Extract/Normalize is inserting erroneous rt. margin which drops text | [MWGEN] |
| PTC32.DLL | HMI Fix | [MF\Garland\AAR.pcl] |
| PTC32.DLL | Conversion problems | [MF\UIC\PSP1.pcl] |
| PTC32.DLL | Fixed problem when .hix file created was not fully released after PCL file closed | [MF] |
| PTC32.DLL | Bad HMI derived from scalable font | [CRTECHTREND.pcl] |
| PTC32.DLL | Spacing - Download font spacing is broke | [THIRDW] |

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| V7.501: Enhancements, Modifications & Bug Fixes | 11/29/01 |
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| RCFIX.EXE | Added to handle the installation and re-initialization of authorized page limits for multiple products | |
| WFMmove.dll | Added this .DLL for WinFMove.exe to call. Will enhance further optimize .TTF's embedded in PDF's | |
| WinFMove.exe | Modified to extract all .TTF chars. needed to embed in PDF's by calling WFMMOVE.DLL | |
| PTV32.DLL | Enhanced PCL View in all GUI Pgms: View PCL/View Image – Add three levels of screen resolution options | [ITCS] |
| FFDT/TTDT.SYM | Added DESKTOP Symbol Set file | [ITCS] |
| T2PCLDLL.DLL | Updated .DLL and .LIB. And, added a C test program to projects | [DEWRSB] |

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| DYNLINK | Updated source and .EXE | |
| PCLTWrap.DLL | Updated source and .DLL | |
| PTC32.DLL | Fixed HMI calculation when d/i bitmap font has HMI value for space char that doesn't exist | [ITCS] |
| PTC32.DLL | Fixed color text in all formats | |
| PDFWRITE.DLL | Fixed Margins not set faithfully regardless of print option settings when using correct paper size | [ELOAN] |
| PCLXForm | TPT.LOG with 0 bytes no longer created along with __\$SPL_.TMP during a good conversion | [SEARCHTEC] |
| All .REG Files | All *.REG files were modified to accept filenames with spaces in them (surround %1 with "%1") | |
| *.ICO/.BAT | Removed .ICO and .BAT files for obsolete PCL2PDF and PCLCVT32 programs | |

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| V7.5025: Enhancements, Modifications & Bug Fixes | 12/03/01 |
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| GUI-C/L Enhanced | GUI .exe command line/drag n' drop/file input | [MortLaw] |
| PTC32.INI | Option path for PCL .log file now is the same as custom path to PTC32.LOG | [MFILE] |
| PDF error | Printing PDF Raster slow compared to same PDF created from prev. release. | [ACSI] |
| PTC32.DLL | Conversion to Color PDF fails | |

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| V7.5068: Enhancements, Modifications & Bug Fixes | 01/23/02 |
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| PDFWrite.DLL | Added Prog. Guide to document API and link modules for authorized OEM's | [FCRM/HARLAND] |
| PCLXForm | New TPT JobParam function: LogPageSizes= to provide a log of page sizes | [CWIDE] |
| PTC32.INI | Custom paper size calculations are off due to change in margins for TIFF PDF's | [IFIN] |
| | PTC32.INI [Misc] RemoveMargins=1 (def.) 0=do not remove margins in raster PDF | |
| PCLXForm | New TPT function: GetStringPreference extracts text from HPGL/2 comments | [PECORP] |
| | New TPT function: Copy_File | |
| | New TPT function: Get_Time_Str | |
| | New TPT function: Mul_Num | |
| | New TPT function: Set_Pg_As_Skipped | |
| PTC32.DLL | <i>Fixed PCL Normalization of primary typeface</i> | [DIEM] |
| PCLXForm | Added support for PTCNVRT.H constants for get/SetStringPreference | |
| PTC32.DLL | <i>Fixed "pop" command embedded in macro escape group that caused "0S" to print</i> | [CROPPER] |
| PTPTXF.PDF | Updated and revised | |

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| PTC32.DLL | Adjustments in custom paper dimensions dialog are updated upon exit from dialog. | |
| PTC32.DLL | View PCL problem with macros | |
| PTC32.DLL | Font Map entries not honored when converting to EMF or PDF | [HARLAND] |
| PTC32.DLL | Bug when converting files that do not end with any form of end of page or file command | [IPSO] |
| PTC32.DLL | Bug selecting the correct font generated from CompuSet program | [IFIN] |
| PTC32/PCLXF | Bug when Overlaying files while converting to raster PDF | [SANDP] |
| PTC32/PCLXF | Bug when bursting files after 1 st page with RemoveMargins=1 | [IFIN] |
| PTC32/P.exe's | View PCL does not show more than one page, PCL to PDF GPF's to raster only | [NUMEROF] |
| GUI .exe's | PCL to PDF – Add to "As Raster" -> "Remove Margin" | |
| PCLView | TermsDisplayed=4 | [MLAW] |
| PTC32.DLL | Fixed bug with custom macro code | [CTC] |
| PTC32.DLL | Fixed bug with custom HPGL/2 scaling | [STMT] |