

PCLTool SDK / PCLWorks V8.19 8/20/2006

RELEASE NOTES

PCLWorks.exe is a new standalone client workstation version of the PCLTool.exe that comes with the PCLTool SDK. And, it is a replacement for the now obsolete PCLTool Program and PCLTool Program (pilot version) products. This release note covers all the enhancements (in **bold**), modifications and bug fixes to PCLTool SDK and PCLWorks since V8.0 (Please refer to *PTRELN80.PDF* for the final V8.06 release notes). The major changes included in V8.1 released on 9/2/2005 include:

MAJOR ENHANCEMENTS:

.NET .DLL's	Optional PTCNET.dll and PTVNET.dlls for applications requiring managed code that is threadsafe. Requires: .NET Framework V1.1 or .NET Framework V1.1 SP1 IE 6.0 SP1 MSVCP71.dll Required .dll to run .NET V1.1 programs. MSVCR71.dll Required .dll to run .NET V1.1 programs.
APP.INI	New [Net] section with UseNet=1 for selecting the PTCNET/PTVNET .dll's.
PTCNET.dll	Compiled into all the output to PDF logic in PDFWrite.dll.
PTCNET.dll	Compiled into all the download font conversion logic that was in SFP2FF132, SFT2FF132 & SFS2FF132.dll.
PTCNET.dll	Compiled into all PCL XL parsing, page counting and emulation logic that was in PCLXL32.dll & XLDLL.dll
PTCNET.INI	New .NET-specific .ini file. Same preferences as PTC32.ini file.
PTCNET.LIB	New .NET-specific .lib file in new .source\net folder.
PTCNET.MAP	New .NET-specific font .map file. Same font mappings as PTC32.map file.
PTVNET.dll	Compiled-in all file format viewer logic that was in IMGMAN30.dll & IM30*.dll's
PTVNET.LIB	New .NET-specific .lib file in new .source\net folder.
PCLTWrap.dll	Removed all functions referencing shorts in data structures and compiled-in all the PCLTWrap.dll wrapper functions. A new interface equivalent to the interface in the PCLTWrap.h file is supported directly by PTCNET.dll.
PTCif.h	.NET prototype file for compiling with 8-byte packing (which is the default for MSVC projects).
PTInc.h	.NET prototype file for compiling with 8-byte packing (which is the default for MSVC projects).

PDFWrite.dll	JBIG2 Raster Compression in PDF files.
PTService.exe	New Program to launch PageCounter.exe as a service during install or via PageCounter GUI.
AcctUtil.dll	Updated with function to install PTService.
Help Files	Complete overhaul of all help files into HTML Help format with cross-indexing. Also, used to print documentation.

NEW Programs/Code:

./help	Complete re-write of all context-sensitive help for all programs now in ./help folder in HTML Help (.CHM) format.	
./source/net	Added .NET .lib and header files.	
FFPC/R8.PCL	Added new files to \data to test the resident printer fonts that we install.	
FILTR.dll	A .dll version of FILTER.exe to be called using the Call_Filter function in PCLXForm	
PDFFIX.exe	Fixes "Number Out of Range" error in Acrobat Reader V7.0	
PRNisPDF.dll	Inhibit Custom View/Print only programs from printing to any PDF or other to FILE: driver. (errmsgs in PrnIsPDF.Log) Compiled this code into PCLPrint.exe, PCLView.exe and other view and/or print only licensed programs.	
TESTDLL.c	Added for TIFF2PCL test project	[DOCOSoft]
TESTXLv3.pcl	Added test file for PCL XL (PCL6) V3.0	
TNXDMP.dll	A .dll version of TNXDump.exe to be called using the Call_Tnxdump function in PCLXForm	
TTxx_yy.PCL	Modified our test files in \data to make it easier to determine what symbol set they are expecting.	

MODIFICATIONS:

HotDir.exe	Made it more tolerate of trying to delete a file that is no longer present If new /help/.chm file is not found, it will look for the previous .hlp files. Requires V8.1 Now applies the appropriate version of each install.	[PlainAns]
Manuals/Guides	All manuals and guides must be printed from new HTML Help (.CHM) files. (Refer to README.1 st)	
PageCounter	Fixed a bug which assumed PageCounter's version when evaluating runcodes of prior version installs.	
PCLCodes.exe	Expanded paper size support for #10 folio size.	
PCLCodes.exe	Added the "----->" after TextData for easier text viewing of PCLXL: "TextData ----->: XXX"	
PCLPrint.exe	PrnIsPdf code included to inhibit conversion to PDF and other file formats.	
PCLView.exe	PrnIsPdf code included to inhibit conversion to PDF and other file formats.	
PCLXForm.exe	Added Set_Base_Dest_Dir (obscure) function that makes dirname the output base folder.	
PMon	Added the DEFAULT.TPT assumed by the def PMon setup in CONFIG.INI for PCLXForm to run properly	
PMon	Made minor edits to comments in PMon's CONFIG.INI	
PMon/Config.ini	Commented config.ini controls the installation of PMon:	
PreLoad	Made PreLoad file feature ignore PCL with imaging operands unless found in a overlay macro	[?]
PrnIsPdf.dll	Updated .dll to inhibit printing to File formats like PDF and TIFF from products not authorized to do so.	
PTC/PDFWrite	Fixed minor problem with HPGL/2 code when converting to vector PDF	[MDR]
PTC32.dll	Added [MISC]-DisplayStartupErrors=0 to override start-up errors. And, added more accurate errmsgs.	[MESA]

PTC32.dll	Added code to handle a poorly made download bitmap OCR font	[MICRODAT]
PTC32.dll	Added more diagnostic output to log files	[NWCP]
PTC32.dll	Fixed download portrait text being rotated with HPGL/2 commands with text reversed	[MVI]
PTC32.dll	Fixed overdrawing of vector line draw commands	[MVI]
PTC32.dll	Fixed PCL XL parser to deal with extraneous pages with "PJL comments"	[OITI]
PTC32.dll	Fixed PCL XL to deal with logo grayscaling issue	[OITI]
PTC32.dll	Fixed PCL XL to deal with text shading issue	[OITI]
PTC32.map	Added entries to the font map to remap Line Printer to Lucida Console	
PTC32/PTCNET	Expanded paper size support for #10 folio size.	
PTC32/XLDLL	Fixed PCL XL parser to deal with multiple "endsessions" in one print stream	[OITI]
PTService.exe	Fixed bug to create the ptservice.ini in the \pagetech\ folder.	[FORT]
SETUP	Removed the automatic install of PMon and PCL Transformation Driver. You must run PMSetup.exe now.	
WinFMove.exe	HPDIX, HPMAR and HPCOB typeface families no longer selected in opening dialog because of [Base Remappings].	

REMOVED or MOVED Programs:

<PCLTWrap.dll> No longer needed when calling either PTC/PTV .dlls from VB/DELPHI/etc.
 <SF*.SYM files> No longer needed.

V8.11 Maintenance Release – 12/2/2005

AcctUtil.dll	Added new code for calling during InstallShield script execution.	
FastPrint.exe	Compiled in new PrnIsPdf code	
FFViewer.exe	Fixed mapping bug when displaying double-byte FastFonts	
Filter_Net.dll	New .Net version of the Filtr.dll	
Help Files	Updated with most recent enhancements	
HotDir.exe	Added a AutoStart option to have PTService start it up when system boots.	Sys-X
Imgman30.dll	Fix View Image scale-down problem	
PageCounter.exe	Added code to all handling of mixed product/company versions. Better runcode error reporting.	
PCLPrint.exe	Compiled in new PrnIsPdf code.	Micronetics
PCLTool.exe	Re-compiled due to shared code with PCLView changes that do not apply to it.	Micronetics
PCLTWrap.dll	Added support for the new pcl32pcl2MemHDCBitmap function	
PCLView.exe	Fixed a false positive condition when printing to a non-PDF driver	Micronetics
PrnIsPdf.dll	Made improvements to avoid false positives when printing to shared network printers	Micronetics
PTC32/Net.dll	Fixed the way ROP's and Palette's were be passed to/from HPGL/2 mode	eSystech
PTC32/Net.dll	New pcl2MemHDCBitmap function for .NET monochrome and color	LBMSys
PtRCode.dll	Added new code for HotDir to run as a service.	
PTV32/Net.dll	Fix View Image scale-down problem.	
RCFix.exe	New GUI Interface to facilitate upgrading Demo's to Live versions and re-initializing runcodes	
TnxDmpn.dll	New .Net version of the TnxDmp.dll	
\data\hidetext.pcl	Added a new PJL Comment example of how to hide text	
\fonts\ttus.sym	Updated to include a missing character.	
\fonts\ttw1.sym	Updated to include new characters added since inception for support for EURO sign	ABFIN
\source\	Pdfdpflt.h – minor change	
\source\	Proinfo.h – changed email address	
\source\	Ptcnrvt.h - Added support for the new pcl32pcl2MemHDCBitmap function	
\source\	PTInc.h - Added support for the new pcl32pcl2MemoryHBitmap function	

V8.13 Maintenance Release – 1/17/2006

FastPrint.exe	Removed calls to PrnIsPdf.dll	FARIASJETT
FFViewer.exe	Fixed the difference between the char. Order of what was being rendering on the screen vs. the printer	
IM30TIF.dil	Fixed problem when viewing compressed color TIFF	ESysTech
PCLPrint.exe	Moved PrnIsPdf.dll code into PrnIsPdf.dll for easier updating of the .dll & fixed a net driver issue	
PCLTool/Works	Moved PrnIsPdf.dll code into PrnIsPdf.dll for easier updating of the .dll & fixed a net driver issue	
PCLView.exe	Moved PrnIsPdf.dll code into PrnIsPdf.dll for easier updating of the .dll & fixed a net driver issue	
PCLXForm.exe	Dows - fixed line printer font issue	DOWS
Pmon.dll	Fixed bug when default was shared network printer	FARIASJETT
Pmsetup.exe	Added .rte code to avoid having to replace the runcode.ini in the windows\system32 folder	
Pmsetup.exe	Fixed potential problem when installing a printer, if the default printer was not local	
PMUtil.dll	Fixed potential problem when installing a printer, if the default printer was not local	
PrnIsPdf.dll	Added code to this .dll so that it could be updated without having to update the .exe's calling it.	
PTC32/Net.dll	Fixed the text search hit offset due to the remove margin feature	
PTC32/Net.dll	Added code to honor overriding the default HMI setting in the font map	FARIASJETT
PtRCode.dll	enhanced .rte code routine	
PTVNet.dll	Fixed problem when viewing compressed color TIFF	ESysTech
TaxPrint.exe	Added ability to print to any printer and/or convert to PDF with new command line options	TaxSimple
TTDT.SYM	Fixed Desktop symbol set file	TrustImg
TTE2.SYM	Added ECMA - ISO 8859/2 Latin 2 symbol set	RECY

V8.14 Maintenance Release – 3/7/2006

FastPrint.exe	Added to [PCLPTR] -> FastPrintDirect=1 ;set to 1 to use new method for whole file fast prints for PCL XL	Farias
FFViewer	Associated file extension (.FF1) finds the FFViewer.exe but does NOT display .FF1 file.	
Img2PCL.exe	Fixed output filename field initialization with extraneous character when left blank + Convert grey-out	

Img2PDF.exe	Fixed output filename field initialization with extraneous character when left blank + Convert grey-out	
ImgCvt.dll	Fixed output filename field initialization with extraneous character when left blank + Convert grey-out	
PCLSplit.exe	Fixed a problem introduced in a previous release	Linden
PCLTool.exe	Allow user to use NumKey Pad – PgUp + PgDown + Home+End cmds to navigate viewed files	
PCLView.exe	Allow user to use NumKey Pad – PgUp + PgDown + Home+End cmds to navigate viewed files	
PCLXForm.exe	Fixed streamedit functions that handle duplex end of page within macro execution	Sedona
PTC32.DLL	Fixed pclGetPgEndOsets function to return correct values when page ends inside macro execution	Sedona
PTC32.DLL	Fixed a font metric issue	Linden
PTC32.DLL	Fixed problem with long filename input	Datatrade
RCFix.exe	Added better error handling during aborted installs	
RCFix.exe	Fixed a serious problem with new Merged Demo/Temp RUNCODE.INI	
SFP2TTBM.dll	Fixed outline fill-in problem (black space in O's, etc.) converting small pt. size SFP's into scalable TTF's.	TESTSFP.PCL

V8.18 Maintenance Release for all Products – 5/26/2006

.NET folder	Added a new .NET folder for all the new .NET versions of SDK programs	
Acctutil.dll	Added function to call RCMgr.exe to accept params or .ini from user during installation.	
FastPrint_Net.exe	Added .Net version for SDK	
Filtr_net.dll	Added .Net version for SDK	
Img2PCL.exe	Add Horiz. / Vert Offset inputs & rename H/V scale percent inputs to match PCLTool Calibration	CARR
Img2PCL.exe	If you convert a 300 dpi TIFF with "preserve color" it creates a scaled-down 600 dpi PCL overlay	AXCELL
Img2PCL/PDF	Added ability to handle other JPEG resolution units.	
ImgCvt.exe	Added some modifications to it's command line/help	
ImgCvt_Net.dll	.NET version for SDK	
ImgCvt_Net.exe	Added .Net version for SDK	
PageCounter.exe	Added a red arrow to warn that limit reached in the PageCounter.exe dialog	
PageCounter.exe	Change systray .ico to green with RED stripe? When warning limit reached	
PageCounter.exe	Change the .log file .ico on toolbar of GUI's to RED when warning limit reached	
PageCounter.exe	Limit reached warning written to pagecounter.log file	
PageCounter.exe	PageCounter always tries to copy itself to the \program files\pagetech folder.	
PageCounter.exe	Provide a Browse/Open dialog to override the default .\pagetech\pagecounter.log file\path	
PageCounter.exe	Set "Page Count Limit" warning to 80% of max. in the runcode.ini & allow for input override.	
PCL XL - JetReady	HP 3500 (PCL XL with JetReady compression) file - increased index and color processing speed	testjetr.pcl
PCLPDF_NET.exe	New sample PCL to PDF conversion program in VB .NET	
PCLPrint_Net.exe	Added .Net version for SDK	
PCLXForm.exe	Improved searches for text objects on a given line	PDSWest
PCLXForm.exe	Allows for full path on command line for inf, outf and auxf arguments	CIT
PCLXForm.exe	Added RastChar_Set_Space_Width function to infer a space character width when OCR'ing text	MDG
PCLXForm_Net.exe	Added .Net version for SDK	
PCLXL32.dll	HP 3500 (PCL XL with JetReady compression) file - increased index and color processing speed	testjetr.pcl
PDFWrite.dll	Now we insert the download font desc. name when converting from .SFP to embedded .TTF	
PDFWrite.dll	Added support for honoring fixed pitch with set HMI in text layer for raster PDF's	
PMon	Added to code to various .exe's and .dll's for better error-handling and fixed uninit. desc. bug	
PMon	Fixed network printer user permissions issue.	Farias
prnispdf.h	Enhanced internal comments	
PTC32.dll	Added support for larger maximum custom paper size of 17" W x 12" L fanfold PCL file	PSI
PTC32.dll	Added Courier New to Wincore fonts	
PTC32.dll	Randomized positioning of new PageTech "P" logo watermark	
PTC32.dll	Improved HMI info for edge cases and for TNX output options.	
PTC32.dll	Removed some legacy 'shorts' that limited character size with high resolutions	
PTC32.dll	Added code to deal with a HPGL/2 font issue created by Win. Temp. PCL made into a macro	HTC
PTC32.dll	Fixed an edge case where text placed outside the printable area were placed on the margin edge	PDSWest
PTC32.dll	Added support for the way that the color was being assigned to the pen in HPGL/2.	HTC
PTC32.dll	Added SetPref (PREF_INTL_DEL_REP_SOFT_FONTS, true) to purge d/l fonts when redefined	PDSWest
PTC32.dll	Fixed a field reading problem when Conversion=PdfRaster	PDSWest
PTC32.dll	Fixed a problem with end of page detected before end of text object is rendered to display list	ISE
PTC32.dll	Fixed a problem with pcl2MemoryDib function rotating very thin bands of raster data	LBMSys
PTC32.dll	Improved efficiency when processing large PCL files with 100's of redundant downloaded fonts	PDSWest
PTC32.dll	Improved search text highlight placement accuracy in raster PDF's using spaces to place monosp text	Sages
PTC32.dll	Fixed a legacy combined input path/filename issue	CIT
PTC32.dll	Added registry entries during installation of SDK to help .NET .exe's find .fonts & other resources.	Qloans
PTC32.dll	Extended capability of PTC32.ini's [MISC] " DeleteReplacedDownloads " preference	
PTC32.dll	Fixed bug affecting JBIG2 PDF output by PCLXForm when it's redirected (decollated).	
PTC32.dll	Added SetPref (PREF_INTL_INX_KEEP_OBJECTS) to optimized indexing unless application reqs. it	
PTC32.dll	Added SetPref (PREF_INTL_DSET_DIR_IS_SRC_DIR) to make dest. dir. the same as the input dir.	
PTCNET.dll	Exposed remainder of the PTCNET.dll interface to .NET	CUL
PTService.exe	Documented the PtService .INI, .LOG and Command Line	
PTV32.dll	Allow for 600 dpi 24-bit color raster and legal size as the maximum page size	
RCMgr.exe	Replaced RCFix.exe with more versatile RCMgr.exe	
RCMgr.exe	Added new function to change permanent runcode page limit and time interval	
RCMgr.exe	Added new function to replace temp r/c with permanent one sent via email or via browser page	
RCMgr.exe	Added new function to upgrade permanent runcode to a new version level	

RCMgr.exe	Added new function to upgrade permanent runcode to higher Ext. Use Option level.	
RCMgr.exe	Replaced RCFix.exe with the superset of functions in RCMgr.exe	
Rdest.exe	Added ability for it to create new folders for it' output files.	
reg. entries	Added References and Installations sections to store paths to .exe/dll's for custom applications to find them.	
runcode.ini	Changed screen displayed warning message to provide a new option to "suppress this warning".	
runcode.ini	Changed errmsg to reflect automatic override option to "suppress this warning" in .DLL's and .EXE's	
runcode.ini	check for multiple instances for all pgms. With page limits when PgCtr. NOT running	
runcode.ini	Leave enough room in 30-day warning errmsg for LFN	
runcode.pgt	All programs that require a runcode.ini will first look for runcode.pgt for a more email-friendly file extension	
SFP2TTBM.dll	Add more descriptive data to .TTF's embedded in PDF's to help during troubleshooting SFP to TTF problems.	
SFPFF132.dll	Removed trailing spaces. Mapped spaces and "%" to "_" in poorly formed font names in font descriptors.	
TechSupport.exe	Program to extract all folder/file lists, .ini, .map, .log and user-defined resource files for troubleshooting	
TechSupport.exe	Doesn't save the .MAP's or .TPT's in program root folders	
TechSupport.exe	PT_filescaan.ptz should be renamed to ptscan.txt	
TechSupport.exe	Needs techsupport.hlp	
TNXDemo.tpt	Changed script to be able to direct the output to any OutputPath, not .\data... \out	
tnxdll.h	Added some comments	
TnxDmp.dll/PTC32	Extract text from very wide page size PCL files	NavyJP
TnxDmp_Net.dll	Added .Net version	
TnxDmp_Net.exe	Added .Net version	
Watermarking	Added a randomly placed monochrome gray-scale "P" to place on Demo and restricted function output.	
WinFMove.exe/dll	Removed WinCore2.pcl and never used Comic, Georgia, etc. fonts from the .TTF to .FF1 conversion.	wincore2.pcl
Xform.bat	Modified to convert pdfport.tpt sample script directly from it's sub-folder	

V8.19 Maintenance Release for all Products – 8/20/06

PCLCodes/Dasm	Fixed broken parser logic in 6/19/06 8.14 release.	
PCLXForm.exe	New [JobParams]: Default_Pref_File = "c:\program files\pagetech\pcltsdk_810\ptcalt.ini".	
PCLXForm.exe	New command line: pclxform something.tpt " altini =c:\program files\pagetech\pcltsdk_810\ptcalt.ini".	
PCLXForm.exe	Added PREF_INTL_MACRO_DISABLE=1 to disable macro found in PCL file.	KayeSmith
PDFWrite.dll	Add an errmsg for missing .TTF's that cannot be embedded into a PDF/A file.	Kemica
PDFWrite.dll	Convert a 600 dpi PCL to a 600 dpi raster PDF and get a 4x larger image than expected.	Asherson
PDFWrite.dll	Fixed a problem with angular text referenced in HPGL/2 code.	Printech
PTC32.INI	Added PTC32.INI [Debug] section, DisableMacros=1 .	KayeSmith
PTC32.INI	Added PTC32.INI [SavedValues] DestDirSaveAsSourcedir=1 .	
PTC32/NET.dll	Added code to check for accumulated .tmp files to delete to solve "too many fonts" errmsg.	Fedex/CIT
PTC32/NET.dll	DeleteReplacedDownloads preference did not work with client files.	IndyMac
PTC32/NET.dll	Fixed a problem with a downloaded font used for spaces only, then a reset, then re-using the font	IndyMac
PTCNET.ini	Discontinue shipping PTCNET.INI.	
PTCNET.ini	PTCNET.DLL looks for PTCNET.INI first. If not found it finds PTC32.INI.	
runcode.pgt	Pgms. And PgCtr. should rename .PGT to .\foldername of product installed for and move to up to ..\pagetech.	
runcode.pgt	Use .PGT to update the runcode.ini and always save to the runcode.ini.	
TNXDumpG.exe	Added a View Report button to view the report.txt file created.	