

PCLTool SDK V11.68 / PCLWorks V11.68 1/15/12

RELEASE NOTES

This release note covers all the enhancements (in **bold**), modifications and bug fixes to PCLTool SDK (SDK-specific items are in *purple italics*) and PCLWorks since V9.06 (*Please refer to PTRELN90.PDF for the final V9.06 release notes*).

In V9.0-V9.06, we merged our 32-bit, 32-bit .NET, 64-bit and 64-bit .NET source bases into one source base in order to work better in Windows 7, 64-bit and .Net environments and streamlined our development of the new 64-bit/64-bit .NET versions. Now, all our programs are in Microsoft Visual Studio – which also makes it easier to provide our OEM's with the source code (upon request).

We jumped to V11.0 release level because we want to synchronize our V.v versioning with the last two digits of the calendar year 2011. In 2012, we will release V12.0 and so on.

We had to create two separate installation programs – one for 32-bit/32-bit .NET and another for 64-bit/64-bit .NET. This has caused us to split our four platforms into two platform-specific product lines.

PCLTool SDK V11.0 32-bit/32-bit .NET – Options I, II, III, IV and V
PCLTool SDK V11.0 64-bit/64-bit .NET – Options I, II, III, IV and V

Note: Any references to a 32-bit program name, path, etc. shall follow the following naming convention for the other three versions:

<u>32-bit</u>	<u>32-bit .NET</u>	<u>64-bit</u>	<u>64-bit .NET</u>
ptc32.dll	ptc32net.dll	ptc64.dll	ptcnet64.dll
pclxform.exe	pclxformnet.exe	pclxform64.exe	pclxformnet64.exe

Changes to folder structure and installation

The PCLTool SDK/PCLWorks/PCLReader V11.0 release is a major re-structuring of how we install, setup and run our various PCL transformation products. We are restructuring V11 in order to conform to and support the new Windows 7 and 64-bit platform conventions. We will no longer try to keep all our programs and other files in our own folder structure. Major changes will include:

1. All products will be licensed and sold separately for either the 32-bit/32-bit .NET or 64-bit/64-bit .NET platforms. Only clients that have subscribed to 2011 annual maintenance or those that purchased our product after November 2010 will be allowed to continue with both versions at no additional charge. The cost for adding a 32-bit/32-bit .NET product to a 64-bit/64-bit .NET product or vice versa will be the same the current cost of purchasing an additional unit of any of our products.
2. New folder locations:

- a. Only 32-bit/32-bit .NET program files (.exe's and .dll's) will be placed in:

.\Program Files\PageTech\<<product_name>_VVv
or
.\Program Files (x86)\Pagetech\<<product_name>_VVv (on 64-bit platforms)

- b. Only 64-bit/64-bit .NET program files (.exe's and .dll's) will be placed in:

.\Program Files\PageTech\<<product_name64>_VVv

3. All other files will be in the Application Data folder in

.\Documents and Settings\All Users\Application
Data\PageTech\<<product_name>_VVv

or
.\ProgramData\PageTech\

4. PCLXForm .TPT scripts will now be kept in the “Common Data” folder. Along with .AMP files and other files that will be referenced upon execution of a script.
5. Added a path to the program files.
6. In order to facilitate the longer folder names in path statements (i.e. \documents and settings\All Users\Application Data\PageTech\...), we have included a macro feature in PCLXForm.exe, .TPT script programs, .ini files, et al.

(\$PTPGM) is path to the exe/dll, such as:

```
C:\Program Files (x86)\PageTech\PCLTSDK_110
```

(\$PTDAT) is path to user data, such as:

```
C:\Documents and Settings\All Users\Application Data\PageTech\PCLTSDK_110
```

These can be used as part of the command line for PCLXFORM for any arguments that have paths:

```
PCLXFORM ($PTDAT)\TIFF.TPT "inp=($PTDAT)\Data"
```

Within a TPT script, the above macros are recognized in any setting that accepts a path, as well as any quoted string constant.

(\$TPTDIR) is also recognized in a TPT script, and is path to the directory that holds the TPT script being processed.

```
CdrsDir = ($TPTDIR)\amp
```

7. Both the 32-bit and 64-bit versions of the Port Monitor and HotDir/HotDirZ print capture utilities will only be provided as separate, standalone installations.
8. Conversion and Installation of Typefaces:
 - a. Our double-byte FastFonts have been converted into double-byte TrueType fonts to support multiple symbol sets without having to have to generate a TrueType font for each symbol set required. This will no longer clutter the user's \Windows\fonts folder with so many of our “HP*.TTF” fonts.
 - b. During the installation, WinFMove no longer converts our FastFonts into TrueType format before installing them into the \Windows\fonts folder. Those fonts are now included in our installation in TrueType format. Examples: HPMAR Regular, HPCOB Regular, HJDIX Regular, etc.
 - c. During the installation, WinFMove is only used to convert the Windows Base TrueType typefaces into our FastFont format in our .\fonts folder. Examples: WINARI.ff1, WINTIM.ff1, etc.

Note: Since fonts cause the most problems in PCL transformation applications. We recommend that anyone using more than just the fonts that are generated and installed by default or if they are using a custom font map, to perform a complete font quality assurance test of their transformed files from V11.0.

9. We had to recompile many of our .exe's and .dll's to make all the changes in this major release. Please be sure to back-up our existing application. And, please first install V11 on a different PC in order to fully test your application.

Here is a list of the major improvements contained in V11.0:

Pre-V11.0 – Enhancements and Bug Fixes Included, But Unannounced in Previous V9.0x Releases

APP.INI/FastPrint Added **FastPrintDirect** to [PCLPTR] section. Causes use of a different EscapePassThrough method.

APP.INI	Added LogNet preference to log the .exe choices for which DLL's to the NetMapped .log for debugging	
HotDirZ.exe	Added to watch multiple folders, initiate a process for each folder or folder groups.	
HotDirZ.exe	Added ability to use timeout as a process trigger event	POA
HotDirZ.exe	Added settings that support concatenating files for processing	POA
ImgCvt.dll	Added support for shrink-2-fit, rotations and x,y positioning	
PCLTool.exe	Extract Text - changed default to "Run TNXDumpG.exe" from dialog after Extract Text option is selected	
PCLTool.exe	Added .jpg/.jpeg/.jpe support to View Image & Overlay Data File functions	
PCLXForm.exe	Enhanced Skip_Remaining_Input function with option skip file/skip job control	JadTech
PCLXForm.exe	Fixed a bug for very long strings for use in Barcode functions	III
PCLXForm.exe	Added the following .TPT script functions:	
PCLXForm.exe	Ascii_Page_Get_Text to extract text at x,y from ASCII page	III
PCLXForm.exe	Create_Pdf_Tiff_Rsrc - Creates placeable tiff resource, returns ID for use in Place_Pdf_Tiff_Rsrc	
PCLXForm.exe	Esc_Fmt_Barcode added OMR mark insert to other barcode formats into PCL.	
PCLXForm.exe	Esc_Fmt_Barcode added Intelligent Mail barcodes other barcode formats into PCL.	III



PCLXForm.exe	Esc_Fmt_Barcode added DataMatrix 2D barcodes other barcode formats into PCL.	III
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PageTech

PCLXForm.exe	ExitReportFilename ability to insert custom text with this function	JadTech
PCLXForm.exe	File_Write_Environment - Writes PCL environment to new file	
PCLXForm.exe	Fill_BMap_Rect - Erase or fill rect in in-mem bitmap (created by Get_Mono_Bitmap)	
PCLXForm.exe	Get_Elapsed_Milliseconds for detecting a timeout in milliseconds	JadTech
PCLXForm.exe	Get_Enclosed_Text_And_Remove - Finds/extracts first text object entirely enclosed by rect (100 dpi)	
PCLXForm.exe	Get_Missed_Added - Returns true if missed chars added to missed recognition file	
PCLXForm.exe	Get_String_Length - Sets <len> to length of <str>	
PCLXForm.exe	In_Mem_Append_To_File - Appends in-mem(id) to file. Creates file if it does not exist	
PCLXForm.exe	In_Mem_Close - Closes in-mem(id), where the id was returned by call to In_Mem_Open	
PCLXForm.exe	In_Mem_Open - Reads portion of file into memory for in-memory ops	
PCLXForm.exe	In_Mem_PJL_Language_Get - Treat in-mem(id) as PJL	
PCLXForm.exe	In_Mem_PJL_Setting_Add optional "before" keyword to control placement of new PJL	POA
PCLXForm.exe	In_Mem_PJL_Setting_Add optional " NoSet " keyword for further control adding PJL	POA
PCLXForm.exe	In_Mem_PJL_Setting_Get optional search string function to extend PJL search cases	POA
PCLXForm.exe	ObjList_Ascii_Page - Creates text objects in object list from ascii page	
PCLXForm.exe	Place_Pdf_Tiff_Rsrc - Places tiff resource indicated by id, on current page in PDF output	
PCLXForm.exe	RastChar_GetField - two optional parameters, offset/interval of erasure cols for OCR	III
PCLXForm.exe	Read_Text_File_Line - Reads next line into dststr, returns false if at EOF.	
PCLXForm.exe	Set_Dest_Dir - Sets a new output directory path	
PCLXForm.exe	Set_Exit_Log_Message -Inserts custom text in Message box	JadTech
PCLXForm.exe	Set_Logical_Page_Size	
PCLXForm.exe	Spaces_To_Length -"before" keyword to function to allow padding to left	III
PCLXForm.exe	SPrintf - similar to C/C++ sprintf function. Places formatted string in string variable	
PCLXForm.exe	Str_To_Date_Str - places a formatted date string	
PCLXForm.exe	varUNum - variable for unsigned 64-bit for handling file offsets beyond 2 GB	III
PCLXForm.exe	XLFilter - Copies srcfile to dstfile, asserts value for attr in op, once or for all if ball true	

PTC32.dll **Added the following new high level pclGetPreference and pclSetPreference functions:**

PTC32.dll	PREF_INTL_END_INDEX_JIT - Closes JIT indexing on current file.	
PTC32.dll	PREF_INTL_FORCE_TIFF_RES_X - Override the reported resolution of the TIFF output file.	
PTC32.dll	PREF_INTL_FORCE_TIFF_RES_Y - Override the reported resolution of the TIFF output file.	
PTC32.dll	PREF_INTL_GET_MEM_MONO_BITMAP - Returns in-memory mono bitmap of current page	
PTC32.dll	PREF_INTL_HAD_SCRAMBLED_TEXT SetPref function to detect scrambled text	
PTC32.dll	PREF_INTL_INDEX_JIT Generate a JIT index (turns-off low-level indexing)	
PTC32.dll	PREF_INTL_INX_KEEP_OBJECTS - For examining object list after each page. Build object list even when indexing.	
PTC32.dll	PREF_INTL_MACRO_DISABLE Caused macros to be ignored	
PTC32.dll	PREF_INTL_MEM_MONO_BITMAP_RES - Sets resolution for in-memory mono bitmap	
PTC32.dll	PREF_INTL_OPT_DLOAD_FONTS - Optimize downloaded fonts by eliminating duplicates	
PTC32.dll	PREF_INTL_PAGEORIENT_CCW Gets the paper orientation setting of the current page.	Kelly
PTC32.dll	PREF_INTL_PRINTDIR_CCW Gets last text print direction setting on current page	
PTC32.dll	PREF_INTL_RECT_CNT Provides the number of rectangles in object list for current page.	
PTC32.dll	PREF_INTL_TERMINATE Signals termination of the current conversion	
PTC32.dll	PREF_INTL_TRACK_SCRAMBLED_TEXT SetPref function to report scrambled text	
PTC32.dll	PREF_INTL_WRITE_RASTPAGE Causes in-memory bitmap to be output	

SPREF_PJL_GET
SPREF_PJL_GET_COMMENT
SPREF_PJL_GET_INDEXER

return next saved PjL item
return next PjL comment (discard preceding non-comment PjL)
return next PjL comment Indexer item

This string preference is used in two steps:

1. **pclSetStringPref** is called to set an Indexer field name for query.
2. **pclGetStringPref** is called to get the fields value from saved PjL

SPREF_PJL_SETGET_NAMED_FIELD Set a Indexer field name for query and get the field value from PjL

V11.0 – Enhancements and Bug Fixes Added After Upgrade From V9.06

Dialog Control	Added ability to issue WinEvent Log entries for critical error messages	
Dialog Control	Added better console error messages to honor warnings=x or silent=1 or timeout after 1 minute.	
Dialog Control	Added better control to suppress runcode and other errmsgs	
FastFonts	Combined symbol sets in TrueType fonts installed in Windows for printer resident fonts for WIN7 installs	
Folder Structure	Non-executable programs are installed in the <code>.\documents and settings\All Users\Application Data\PageTech</code> folder.	
Folder Structure	Only .exe's and .dll's are installed in the <code>.\program files\pagetech\product_Vvv</code> folder.	
Path	A path to our programs is now added during the installation process	
PCLFilter.exe	Exact copy of Filter.exe console program to conform with product naming convention	
PCLOptimize	GUI for all Optimization functions (ie. filter -7-s)	
PCLPrint.exe	Added option to PrnlsPdf.dll to allow printing to printers attached to an IP Port	
PCLReader.exe	Added option to PrnlsPdf.dll to allow printing to printers attached to an IP Port	
PCLSplit.exe	Added a sample pclsplit.ibl file as an example of how to split using keywords	
PCLView.exe	Added option to PrnlsPdf.dll to allow printing to printers attached to an IP Port	
PCLXForm.exe	Added (\$PTDAT) macro feature to shorten cmd line arguments or .tpt settings that require folder paths to user data.	
PCLXForm.exe	Added (\$PTPGM) macro feature to shorten cmd line arguments or .tpt settings that require folder paths to programs	
PCLXForm.exe	Added (\$PTDIR) macro feature within a .tpt to hold the path to the folder of .tpt being processed	
<i>PCLXForm.exe</i>	<i>Added nesting in PDF outline modes</i>	FIS
<i>PCLXForm.exe</i>	<i>Added optional parameter to RastChar_GetField</i>	FIS
<i>PCLXForm.exe</i>	<i>Added PREF_INTL_RESET_DEFAULTS function to ignore PTC32.ini preferences.</i>	
PrnlsPdf.dll	Added the ability to print to IP or USB printers and to XPS drivers	
PTC32.dll	Added forced rotation to landscape orientation for PCLXL	TopCon
PTC32.dll	Added NewFF1WinTTF preference (default=1) to look for the new double-byte TrueTypes fonts that we install	
PTC32.dll	Added page trimming for PCLXL	KayeS
PTC32.dll	Fixed a PCLXL JIT indexing bug	Panosoft
PTC32.dll	Fixed bugs with margins in cases where rotations are involved	Zebra/HawDir
PTC32.dll	Fixed file I/O bug from reported low level index (.HIX) and text extraction (.TNX) issue (10/27)	
PTC32.dll	Fixed PCL XL line drawing issue	FujiXerox
PTC32.dll	Improved Duplex side tracking	FIS
<i>PTC32.dll</i>	<i>Improved for running multiple instances</i>	
PTC32.dll	Text extraction (.TNX) generation bug fixed	
PTC32/PDFWrite	Added ability to embed only the subset of chars needed in a TrueType font into vector PDF.	
PTC32/PDFWrite	Added ability to extract downloaded PCL6 TrueType fonts in order to embed them into vector PDF's	
PTC32/PDFWrite	Added more support for CJK TrueType fonts	
PTC32/PDFWrite	Added PdfTtfEmbedSubset preference (default=1) for PDFWrite to embed just a subset of TrueType chars. in PDF	
<i>PTC32/PDFWrite</i>	<i>Added support for embedded TrueType font subsets in CDRS</i>	
<i>PTC32/PDFWrite</i>	<i>Added XML option to concat_str function to make text compliant with XML text formatting standards</i>	Sysx
<i>PTC32/PDFWrite</i>	<i>Fixed the calls via PTC32 to PDFWrite to make them more consistent on all platforms and for runcode checks</i>	
PTService.exe	We made some minor changes for Windows 7 and 64-bit	
Runcodes	Added option to make runcodes for either 32-bit/32-bit .NET only or 64-bit/64-bit .NET only	
Runcodes	When page limit reached – programs now issue a "NAG" screen on 1 st page, every 100 pages and stops at 2,000 pages.	

Other changes in V11.0

HotDir.exe GUI and HotDirZ.exe console programs were merged into one MSVC program that run either way

Port Monitor Setup, Remove and Configuration Dialog was re-written to conform to Windows 7:

<i>PtPMonSetup.exe</i>	<i>PtPMonSetup64.exe</i>
<i>PtPMonRemove.exe</i>	<i>PtPMonRemove64.exe</i>
<i>PtPMonUtil.dll</i>	<i>PtPMonUtil64.dll</i>
<i>PtPMon.dll</i>	<i>PtPMon64.dll</i>

NOTE: *Port Monitor Indexing feature not implemented – we're working on it*
The portion of the Port Monitor Setup DOES NOT install a printer driver – we're working on it.

V11.61:

<i>Changes made to Port Monitor programs:</i>		
<i>PtPMonSetup.exe</i>	<i>renamed to</i>	<i>PMSetup.exe</i>
<i>PtPMonRemove.exe</i>	<i>renamed to</i>	<i>PMRemove.exe</i>
<i>PtPMonUtil.dll</i>	<i>renamed to</i>	<i>PMonUI.dll</i>
<i>PtPMon.dll</i>	<i>renamed to</i>	<i>PMon.dll</i>
<i>PtPMonSetup64.exe</i>	<i>renamed to</i>	<i>PMSetup64.exe</i>

<i>PtPMonRemove64.exe</i>	<i>renamed to</i>	<i>PMRemove64.exe</i>
<i>PtPMonUtil64.dll</i>	<i>renamed to</i>	<i>PMon64UI.dll</i>
<i>PtPMon64.dll</i>	<i>renamed to</i>	<i>PMon64.dll</i>

Built with VS2008 32-bit in .\PCLTSDK_110 folder:
 mfc90.dll MSVC 32-bit re-distributable file

Feature Changes in all versions of PCLTool.exe, PCLView.exe, PCLWorks.exe and PCLReader.exe:

Added: Rebuild Indexes
 Added: Hour glass icon during indexing operations
 Added: Indexing pop-up to Print dialog to ask if you want to index the file to be able to select page ranges
 Added: Indexing Preferences to Convert Preferences
 Added: Warning when trying to search a file (PXL) that can't be JIT indexed.
 Changed: Search - Find Text dialog
 Removed: Use, .TNX & .HIX
 Removed: Index by Location feature.
 Replaced: Use TNX indexes with JIT Indexing
 Search Stops: When it finds the first file that needs JIT indexing to be turned-on.

Feature Changes in all versions of PCLView.exe and PCLReader.exe:

Added: Convert Preferences dialog

Feature Changes to RCMgr.exe/RCMgr64.exe:

After a runcode update a prompt will ask if you want the PageCounter refreshed to find the new runcode

Programs **Removed** from all products:

BWCC32.dll New MSVC GUI .exe does not need this Borland GUI .dll.

Features and Preference **Removals**:

PTCNet.map All versions of *PTC*.dll* will create *PTC32.map* files.

MISCELLANEOUS UTILITY PROGRAMS **DELETED** IN .\UTILS FOLDER – Due to lack of interest and use:

DownFile.exe *FontTool.exe* *PCLNUP.exe* *SetTrays.exe* *TIFF2PS.exe* *TIFFComp.exe*

Programs **Merged** into main *PTC*.dll* programs for 32-bit, 32-bit .NET, 64-bit and 64-bit .NET:

XLDLL.dll Moved code into main convert *PTC32/PTC64/PTCNET/PTC64NET*.dll*

NEW PROGRAMS NOT INCLUDED IN THE SDK BUT AVAILABLE ON AN “AS NEEDED” BASIS

<i>IMSSort.exe</i>	<i>Created a custom document sort program for PCL print streams</i>	<i>IMS</i>
<i>PDF2PCL.exe</i>	<i>Batch PDF file printing program used to print to PCL/capture/streamedit/convert back to PDF (requires Acrobat Reader or Acrobat to be installed)</i>	<i>BigEye</i>
<i>RAW2PCL.exe</i>	<i>Converts RAW EMF spool files into PCL</i>	<i>ABSData</i>

V11.0a – Post-Release Fixes (3/8/11):

Convert .dll's	Fixed a PCL6 indexing issue	Fujitsu
Convert .dll's	Fixed a download font rendering bug in PCL 6 file created by CLJ 4660 printer driver	Topcon

V11.0b – Post-Release Fixes (4/8/11):

Convert .dll's	Fixed a problem parsing-out weakly identified end-of-pages	Porsche
Convert .dll's	Fixed a problem with converting subsets of resident fonts into embedded TrueTypes in vector PDFs	iformationinc
RCMgr.exe	Fixed new code looking for advanced RegDeleteKeyEx function not available on older Win OS	Porsche
TechSupport.exe	Minor fixes to About Box	

V11.0c – Post-Release Fixes(5/2/11):

<i>Acctutil.dll</i>	<i>Updated for PMSSetup to install printer driver (printer sharename is not unique/edit if needed)</i>	
Convert .dll's	Fixed code that handles convert .dll when moved to another folder	Topcon
Convert .dll's	Fixed handling of repetitively downloaded fonts for large PXL files	KayeSmith
Convert .dll's	Fixed some custom implementation issues	Porsche
Convert .dll's	Replaced raster “X” with drawn object in watermarking feature and added [MISC] OEM1= feature	Zebra
<i>Default.tpt</i>	<i>Adapted for the changes in the V11 install locations and paths</i>	
Filter	Adapted the “-5 null stripping function to a new kind of PCL3GUI file	Indorsoft
<i>Indexer.exe</i>	<i>Added a standalone Spool File Indexer program to replace what used to exist within the Port Monitor</i>	
Jpeg2PCL	Created a custom JPEG to PCL console program for Linux/DOSEMU	IYB
PCLView	Added Convert prefs to Preferences options	
<i>PCLXForm</i>	<i>Fixed sample .tpt scripts that can only longer refer to both conversion=pdf and extracttext=true</i>	<i>MacMillan</i>
<i>PMon Config.ini</i>	<i>Adapted for changes in V11 install locations and paths – documentation still needs to be updated</i>	
<i>PMRemove</i>	<i>Fixed to remove partial installs</i>	
<i>PMSSetup</i>	<i>Added-back the ability to install printer driver specified in Config.ini</i>	
<i>PTC32.dll</i>	<i>Added new PTC32.ini preference - [MISC]OEM1= for custom watermarking</i>	
<i>PTPMonUI.dll</i>	<i>Added a new .dll to provide the UI for all Port Monitor dialogs like the Port Monitor Configuration dialog</i>	
RCMgr	Make more fault tolerant	
Setup/Install	Fixed file associations by adding new required quotes around input file variable “%1”	

TechSupport	Fixed saved file paths and added an OS summary	
TNXDump	Added -gh "Calculate start of left column, then preserve word"	Axonio
View PCL	Added indexing progress hour glass	
View PCL/Print	Added indexing in background when Print dialog selected.	

V11.6– Maintenance Release Fixes (6/20/11):

<i>Accutil.dll</i>	<i>Added new Start Edit and Finish Edit Timeout preference</i>	
<i>Acctutil.dll</i>	<i>Added code to change the order in which PTService is installed</i>	
<i>Config.ini</i>	<i>Added new Start Edit and Finish Edit Timeout preference</i>	
Filter	Added a -107 -midfirst function for more robust rules to obscure checking account numbers	MidFirst
GUI's	Added ability for PCLTool to save preferences in the PTC32.ini with multi-instance runcode	
GUI's	Added ability to select PDF V1.7 output	Compumail
PageCounter	Expanded portion of dialog to better display the contents of the runcode due to longer path for location	
<i>PCLXForm</i>	<i>Added Conversion=PDF2PDF to use PDFLib – PDI/TET for text extraction and editing</i>	<i>UnitedBk</i>
<i>PCLXForm</i>	<i>Fixed (\$PTDIR) when derived from command line, bug discovered doing</i>	<i>CMIC</i>
<i>PCLXForm</i>	<i>Fixed a V9.0 bug that only affected a few .tpt's that used Conversion=SED in a certain way</i>	<i>Sedona</i>
<i>PCLXForm.exe</i>	<i>Enhanced Windows call to call external .exe with better error reporting when it fails</i>	<i>Okidata</i>
PDFWrite.dll	Added ability to select PDF V1.7 output	Compumail
<i>PMConfig.exe</i>	<i>New standalone program to directly access the Port Monitor configuration screen</i>	
<i>PMIndexer.exe</i>	<i>Added new Start Edit and Finish Edit Timeout preference</i>	
<i>PMon.dll</i>	<i>Added new Start Edit and Finish Edit Timeout preference</i>	
<i>PMonUI.dll</i>	<i>Needed to access the Port Monitor Configuration dialog a new way in Windows7/64-bit with this .dll</i>	
PTC32.dll	Adapted to extract download scalable PCLETTO (TTF) font assembled a different way	VPSign
PTC32.dll	Added a runcode serial number series to dis-allow interpretation of PCLXL/PCL6	Preo
PTC32.dll	Added ability to select PDF V1.7 output	Compumail
PTC32.dll	Added multi-instance logging	Preo
PTC32.dll	Added OEM1= setting for alternate watermarking	Zebra
PTC32.dll	Added PCLTool (new builds) will have PTC32.ini saved even for multi-instance configs	
PTC32.dll	Added ptc32.ini setting to force 32-bit color	Preo
PTC32.dll	Fixed a rectangle bug in EMF with shaded HPGL poly fills	Syntel
PTC32.dll	More on pathing for non-standard install folders	Preo
PTC32.dll	Stopped reporting "pixel placement" and "alphanumeric id" warnings	Preo
<i>SSpool.exe</i>	<i>Fixed bug introduced during migration to V11</i>	<i>Valeant</i>
TTPH.sym	Corrected the character mappings in the PC862- Latin/Hebrew symbol set	VPSign

V11.61– Maintenance Release Fixes (8/26/11):

<i>AcctUtil.dll</i>	<i>Add a larger string buffer for the port monitor's command line</i>	
Acctutil.dll	Added code to expand <path>, detect <64> parameter and add quotes to all .bat files	
<i>AcctUtil.dll</i>	<i>Added Port Monitor Installer/Uninstaller logic from PMSetup and PMRemove</i>	
<i>AcctUtil.dll</i>	<i>Added a user prompt option to ask to bypass the installation of printer drivers</i>	
<i>AcctUtil.dll</i>	<i>Fixed install to force PageCounter to terminate itself</i>	
<i>Config.ini</i>	<i>Added logic to identify programs and paths with "<64>" to write one .ini for either 32-bit or 64-bit</i>	
<i>Config.ini</i>	<i>Added many new features to setup multiple printers, ports and configurations (see comments in file)</i>	
<i>Default.amp</i>	<i>Fixed a mis-identified "9" that was being remapped to "8"</i>	<i>Topcon</i>
<i>Default.tpt</i>	<i>Made changes to work with text enhanced PCL coming from PCLMagic drivers</i>	
<i>HotDir/HotDirZ</i>	<i>Added back to the SDK install</i>	
ImgCVT.dll	Fixed bug when converting JPEG files that report a resolution of zero	HillCo
IS32to64.exe	Updated program needed by InstallShield to call our 64-bit programs in custom actions	
MNG Format	Added support for Multiple page PNG = MNG format	
PageCounter	Updated About Box – V11.61	
PCLCodes	Added code to look for the appropriate pclcodes64.ini or pclcodes.ini	
PCLCodes.exe	Converts the Unicodes that Word swaps for quotes when printed back the same quote glyphs as in the .doc file	
<i>PCLMagic Driver</i>	<i>Added \Drivers\PTColor.GPD</i>	
<i>PCLMagic Driver</i>	<i>Added \Drivers\PTColor.inf</i>	
<i>PCLMagic Driver</i>	<i>Added \Drivers\PTMono.GPD</i>	
<i>PCLMagic Driver</i>	<i>Added \Drivers\PTMono.inf</i>	
<i>PCLMagic Driver</i>	<i>Added \Drivers\PTMono32.DLL</i>	
<i>PCLMagic Driver</i>	<i>Added \Drivers\PTMono32.ini</i>	
<i>PCLMagic Driver</i>	<i>Added \Drivers\PTMono64.DLL</i>	
<i>PCLMagic Driver</i>	<i>Added \Drivers\PTMono64.ini</i>	
<i>PCLMagic Driver</i>	<i>Added new PCL5e/c drivers to output PCL with all text in the clear in UTF-8 and Unicode mappings</i>	
PCLOptimize	Added code to have it look for the appropriate pcloptimize64.ini or pcloptimize.ini	
<i>PCLXForm</i>	<i>Added "float" argument to Str_To_Num functions to indicate conversion of string to 32-bit real</i>	<i>POA</i>
<i>PCLXForm</i>	<i>Added Call_Subroutine function to create sections of subroutines</i>	<i>FujiFilm</i>
<i>PCLXForm</i>	<i>Added Get_Num_Indirect function to get numbers using variables determined at runtime</i>	<i>ZumBox</i>
<i>PCLXForm</i>	<i>Added Get_Str_Indirect function to get strings using variable names determined at runtime</i>	<i>ZumBox</i>
<i>PCLXForm</i>	<i>Added Lookup_Read_Row function to get contents of a given row of lookup table</i>	<i>ZumBox</i>
<i>PCLXForm</i>	<i>Added Notify_Dest_Pages_Commit function</i>	
<i>PCLXForm</i>	<i>Added Prompt_User_Form function to prompt user</i>	<i>ZumBox</i>
<i>PCLXForm</i>	<i>Added Set_Num_Indirect function to set numbers using variables determined at runtime</i>	<i>ZumBox</i>
<i>PCLXForm</i>	<i>Added Set_Str_Indirect function to set strings using variable names determined at runtime</i>	

PCLXForm	Added Sort_Text_File function	
PCLXForm	Added XLFindOp function to locate next occurrence of a specified operator in PCL6 print stream	POA
PCLXForm	Added ZumBox_AddAddress function	ZumBox
PCLXForm	Added ZumBox_Close function	ZumBox
PCLXForm	Added ZumBox_Open function	ZumBox
PCLXForm	Added ZumBox_Open_Demo function	ZumBox
PCLXForm	Added ZumBox_SendMailer function	ZumBox
PCLXForm	Added ZumBox_UploadMailer function	ZumBox
PCLXForm	Enhanced XLFilter support for multiple values for stream editing attributes having multiple components	POA
PCLXForm	Fixed a latent bug finding TPT specified with relative path	
PCLXForm	Fixed additional case for finding TPT and using it's path in macros	
PCLXForm.exe	Added updates needed to support the ZumBox Driver demo	
PDFLib	Added support for PDFLib for PDF to PDF transformation and text extraction	UnitedMail
PMConfig.exe	Changes to the Configuration are now saved in the registry and the Config.ini is not updated.	
PMConfig.exe	Direct GUI interface to configure all enumerated Ports without having to go through the printer properties dialog	
PMIndexer.exe	Updates to work with PCLMagic Driver	
PMon.dll	Updates to work with PCLMagic Driver	
PMon.dll's	Added many enhancements to install multiple drivers, ports and configurations for each port	
PMSetup.exe	Many enhancements	
Port Monitor	Added back to the SDK install	
Port Monitor	Added PMIndexer.exe for adding indexing, routing or other PJL Comments to the spool file	
Port Monitor	Added PMIndexer64.exe for adding indexing, routing or other PJL Comments to the spool file	
Port Monitor	Renamed PtPMon.dll to PMon.dll	
Port Monitor	Renamed PtPMon64.dll to PMon64.dll	
Port Monitor	Renamed PtPMonRemove.exe to PMRemove.exe	
Port Monitor	Renamed PtPMonRemove64.exe to PMRemove64.exe	
Port Monitor	Renamed PtPMonSetup.exe to PMSetup.exe	
Port Monitor	Renamed PtPMonSetup64.exe to PMSetup64.exe	
Port Monitor	Renamed PtPMonUtil.dll to PMonUI.dll	
Port Monitor	Renamed PtPMonUtil64.dll to PMon64UI.dll	
PTC32.dll	Added [MISC] CheckDriverGen=1 to check for PCLMagic driver generated pcl	
PTC32.dll	Added [MISC] JITSuspendIfPcl=1 to change the behavior of JIT indexing	
PTC32.dll	Added [MISC] ReadOnly=1 to suppress writes to PTC32.ini and Runcode.ini?	Preo
PTC32.dll	Added logic to avoid errmsg during a 1 st time install without the PageCounter running	
PTC32.dll	Added new runcode serial number range to shut-off PCL XL support in emulator	Preo
PTC32.dll	Added new runcode: If PPI=0 & DPI=0, then PPJ is not times 100 for 1 page per job runcodes	Medtronic
PTC32.dll	Added support for Multiple page PNG = MNG format	
PTC32.dll	Allow process to load/initialize/deinitialize/unload multiple times from the same process	Porsche
PTC32.dll	Converts Unicodes that Word swaps for quotes when printed, back to same quote glyphs as in .doc file	
PTC32.dll	Fix to ignore the extraneous text found in some PCL3Gui raster files	
PTC32.dll	Fixed case for a downloaded unbounded Unicode type 15 TTF font	Porsche
PTC32.dll	Added support for unbound TrueType fonts with Unicode values for glyphs	Impact
PTC32.dll	Fixed JPEG compression, don't decompress zero bytes in HP Universal Printer Driver PCL	FujiXerox
PTC32.dll	Fixed obscure color bug	UnitedMail
PTC32.dll	Fixed use of mono mode when palette was already monochrome in HP Universal Printer Driver PCL	FujiXerox
PTRCODE.dll	Moved it up into the root folder and added \pmon to its search path	
PTService.exe	Enhanced the way it shut down previous interaction during the install process	
TNXDmp.dll	Changed dest. Appl. Data folder to same as input if provided	
TNXDmp.dll	Added option to "Embed High ASCII (Characters) in Output	Impact
TNXDmp64.dll	Fixed a problem processing a .tnx file "ASCII to Grid"	Bonnet/Nordest
ZB-Hidetext.doc	Added .DOC file to test ZumBox demo to extract address block from hidden text prefaced by "###&&"	ZumDriver

V11.66.zip file only – Maintenance Release Fixes (11/23/11):

CDRS	Added support for new type of symbol set mapping	Impact
CDRS	Added a alternate method of OCR for pages with text in scaled raster with rounding differences	FIS
GUI Programs	Fixed bug that sometimes occurred when opening multiple documents	
GUI Programs	Fixed the View PCL in vector mode	
HotDir	Added folder browsing to input "hot directory" and "copy to" folder path, including hidden folders	
HotDirZ	Fixed bug so that it would find its HotDirZ.ini in a new folder.	
Img2PCL	Added "For Auto Overlay" checkbox for full page macros, so can be positioned properly as auto-overlays	
PageCounter	Enhanced support for execution of programs by users across network	
PCLXForm.exe	Added support to execute subroutines in .tpt scripts	FujiFilm
PCLXForm.exe	Added Copy_File_To_Str to obtain more detailed info of the PCL in stream editing apps	MackCali
PTC32.dll	Enhanced support for a new type of download TrueType fonts unbound to a symbol set	Impact
PTC32.dll	Added ability to create PDF over background image. A color background can now "show thru"	
PTC32.dll	Added support for undocumented parser behavior that accepts and ignores # char in escapes	Shamrock
PTC32.dll	Added the ability to convert HP PCL XL bitmap fonts into TrueType fonts and insert into vector PDFs	
PTC32.dll	Added the ability to convert HP PCL XL scalable fonts into TrueType fonts and insert into vector PDFs	
PTC32.dll	Enhanced key logic to locate data files & runcodes when accessing from remote machines	
PTC32.dll	Modified our JBIG2 raster PDF to be compatible with Apple's Preview on MAC computers	QLoan
TechSupport.exe	Now captures data from the Port Monitor configuration to help us support print capture issues	
TNXDump	Added support for new type of symbol set mapping using PCLMagic printer driver output	Impact

V11.68 – Enhancements and Bug Fixes

All the improvements from V11.66 have been rolled into the V11.68 release. V11.66 zip file contents should only be added V11.61.

<i>PCLXForm.exe</i>	<i>Added Get_Key_Num</i>	<i>Jasper</i>
<i>PCLXForm.exe</i>	<i>Added Get_Key_Text</i>	<i>Jasper</i>
<i>PCLXForm.exe</i>	<i>Added Get_Pclxform_Preference</i>	<i>Jasper</i>
<i>PCLXForm.exe</i>	<i>Added TiffSig_To_PclFile</i>	<i>Jasper</i>
<i>PDF Prefs</i>	<i>Corrected typo for the PdfALevel and PDFVersion preferences</i>	<i>Dvelop</i>
<i>PDFWrite.dll</i>	<i>Made bookmarks work when encryption is also required</i>	<i>FarmNatl</i>
<i>PrintCapture</i>	<i>Released standalone installations for just the PCLMagic driver, Port Monitor and HotDir/HotDirZ programs</i>	
<i>PTC32.dll</i>	<i>Added ability to create PDF output over a background image. A color background can now "show thru"</i>	
<i>PTC32.dll</i>	<i>Added new pclGetPreference – PREF_INTL_VERSION</i>	<i>Jasper</i>
<i>PTC32.dll</i>	<i>Added PTC32.ini [Misc] – PdfRasterSuppressGlobalSymbols pref to fix Apple Preview/JBIG2 issue QLoan</i>	
<i>PTC32.dll</i>	<i>Added support for out of range indexes in HPGL SP and PC commands</i>	<i>Topcon</i>
<i>PTC32.dll</i>	<i>Fixed bug not supporting PCL units set to 7200 dpi</i>	<i>ABTG</i>
<i>PTC32s.dll</i>	<i>New convert program for files over 4GB in size. PTC32NetS.dll available upon request</i>	<i>KayeSmith</i>
<i>PTC64s.dll</i>	<i>New convert program for files over 4GB in size. PTC64NetS.dll available upon request</i>	<i>KayeSmith</i>
<i>SigPad.exe</i>	<i>Created new program to capture signatures from a Topaz Systems Signature Gem LCD 4x5 signature pad</i>	

WHAT IS GOING TO BE IN OUR NEXT RELEASE?

<i>PCLExtract.exe</i>	<i>Added new GUI program for advanced users to assist in debugging PCL and in building Character Recognition Databases (.CRD – also know as .AMP files) for unscrambling text for extraction, file splitting, indexing and searchability. PCLExtract.exe replaces the IBLTool.exe program used for the same purpose. However, this new and expanded interface includes all the recent enhancements to our text extraction capabilities.</i>
<i>PCLExtract.exe</i>	<i>Includes an interface to create and edit Index-By-Location (.IBL) files for text extraction from RECTs of field data.</i>
<i>GENCRD.exe</i>	<i>New command line version will build the default.crd (default.amp) during the installation process. It can also be used to add fonts to the Character Recognition Database other than those Windows Core Fonts that are generated during the installation process.</i>

These two programs will provide the capability for advanced users to write and maintain their own PCLXForm scripts.

Got any suggestions?