

# PCLReader V11.16 / PCLReader64 V11.16 6/23/11

## RELEASE NOTES

This release note covers all the enhancements (in **bold**), modifications and bug fixes to PCLReader since V9.16.

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.

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.

PCLReader V11.1 32-bit  
PCLReader64 V11.1 64-bit

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

**32-bit**  
ptc32.dll

**32-bit .NET**  
ptc32net.dll

**64-bit**  
ptc64.dll

**64-bit .NET**  
ptcnet64.dll

## Changes to folder structure and installation

The PCLReader V11.1 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. New folder locations:

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

.\Program Files\PageTech\PCLReader\_111  
or  
.\Program Files (x86)\Pagetech\PCLReader\_111 (on 64-bit platforms)

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

.\Program Files\PageTech\PCLReader64\_111

### 2. All other files will be in the Application Data folder in

.\Documents and Settings\All Users\Application  
Data\PageTech\PCLReader\_111  
or  
.\ProgramData\PageTech\PCLReader64\_111 (on WIN7 or 64-bit platforms)

### 3. Added a path to the program files.

### 4. 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.

- 5. 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 V11.1:

**Pre-V11.1 – Enhancements and Bug Fixes Included, But Unannounced in Previous 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  
 PCLReader.exe Extract Text - changed default to "Run TNXDumpG.exe" from dialog after Extract Text option is selected  
 PCLReader.exe Added .jpg/.jpeg/.jpe support to View Image & Overlay Data File functions

**V11.0 – Enhancements and Bug Fixes Added Since V9.06**

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 *.\documents and settings\All Users\Application Data\PageTech* folder.  
 Folder Structure Only .exe's and .dll's are installed in the *.\program files\pagetech\product\_vvv* folder.  
 Path A path to our programs is now added during the installation process  
 PCLReader.exe Added option to PmIsPdf.dll to allow printing to printers attached to an IP Port  
 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  
 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  
 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<sup>st</sup> page, every 100 pages and stops at 2,000 pages.

**Other changes in V11.0**

**Built with VS2008** 32-bit in *.\PCLReader\_111* folder:  
 mfc90.dll MSVC 32-bit re-distributable file

Feature Changes in all versions of PCLReader.exe:

Added: Rebuild Indexes  
 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.  
 Added: Indexing Preferences to Convert Preferences  
 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

Feature Changes in all versions of 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

**V11.06- Maintenance Release Fixes (6/20/11):**

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	
PDFWrite.dll	Added ability to select PDF V1.7 output	Compumail
PTC32.dll	Adapted to extract download scalable PCLETTTO (TTF) font assembled a different way	VPSign
PTC32.dll	Added ability to select PDF V1.7 output	Compumail
PTC32.dll	Stopped reporting "pixel placement" and "alphanumeric id" warnings	Preo
PTC32.dll	Fixed a bug introduced in 11.0c release that caused watermarking on all pages	
TTPH.sym	Corrected the character mappings in the PC862- Latin/Hebrew symbol set	VPSign