Release notes - filePro Plus 5.6
fP 5.6.11 - 01/13/2011

The filePro Plus software and the documentation provided with it
are protected under United States Copyright Laws and is provided
subject to the terms and conditions of the filePro License Agreement.

PLEASE NOTE : the support and fax phone numbers listed in this
readme file are new. They have changed since the last release.

****

WWW   http://www.fptech.com
Support   support@fptech.com
Sales   sales@fptech.com
Management filepro@fptech.com

****

To submit bug reports
----
1. FAX them to (877) 606-6853 clearly marking them as bug reports
2. EMail them to support@fptech.com including the text
   "Bug Report" with the version # in the subject line
3. Call the customer support number (800) 847-4740

****

We wish to thank Jim Asman for sending us an entire set of HP
printer tables for inclusion in this release. You might wish to
send him a note of appreciation to root@spctra.wimsey.com Please
view Jim's readme file which has been placed in your fp\lib
directory for any special notes about these printer tables.

****

Contact Information

Surface Mail
   fP Technologies, Inc.
   432 W. Gypsy Lane Road
   Bowling Green, OH 43402

Phones
   Support   (800) 847-4740
   Sales   (800) 847-4740
   Fax   (877) 606-6853

Email
   Support   support@fptech.com
   Sales   sales@fptech.com
   Management filepro@fptech.com

Bug Reports
   Email - support@fptech.com including the text
        "Bug Report" and Version # in the subject line
   FAX   - (877) 606-6853 marked as Bug Report and Version #
   Phone - (800) 847-4740

It's important that you clearly describe a suspected bug and include the filePro version number. If the programmer has trouble figuring out what you meant, you might as well not have reported the bug. Be very specific. For example, if you are reporting a bug concerning a Browse, identify if it is a lookup browse or browse created by using the [F6] key. A screen shot is very helpful and sometimes better than more than 1000 words.

Describe exactly how to duplicate the bug. Although it's sometimes difficult to create a working sample to demonstrate the problem, make every effort to trim down your code and provide a working sample application with test data. You may even discover that what you thought to be a bug is due to a coding error or the bug may only occur with lots of data or large processing tables.

Take good notes as to any error messages and under what circumstances the error message is presented. It never hurts to provide more information rather than not enough. This is particularly true when the programmer asks for additional information. Rather than responding with a single sentence, be verbose since this may shed some light on the bug or what you may be doing wrong in your code.

Read what you wrote. Closely read your bug report before submitting to make sure it's clear and complete. If you have listed steps for duplicating the bug in a sample, exercise the sample with the listed steps to make sure you haven't missed a step.

```
==========================
5.6.11 Release Notes
==========================
```

(All) #1091

   If you have a protected lookup in @WBRK processing, and don't modify
   or WRITE the lookup, the record would remain locked.

(All) #1093

   A selection set comparing a memo field equal to "" doesn't work.

(All) #1107

   DOKEY from a CALLed table would not do anything.

(All) #1113

   If you use a file I/O function in output processing, and assign the
   result to a dummy field not defined in automatic processing, the I/O
   will occur multiple times.

(fileProGI) #1121

   Under some circumstances, GI could change the contents of a field on
   the screen, even if the user never entered that field.

(Linux) #1122

dmakemenu could crash when pressing DEL/Ctrl-C after using the F5 shell script editor.

(All) #1123

dmoedef could crash when loading an output format with a sort field higher than any field number in the file.

(Linux) #1124

F9/search in *cabe wouldn't properly update the display when the user presses Backspace in the search field.

(*nix) #1132

Improved signal handling, to properly handle things such as closing a window in FacetTerm while filePro is still running.

(fileProGI) #1133

Under fileProGI, if you use the MENU command with an array, where some elements were never assigned a value, filePro could crash. (For example, DIM the array for 10 elements, and only assign a value to the first 5.)

(Linux) #1135

ddefine could crash on some Linux systems on some circumstances.

(fileProGI) #1136

Under fileProGI, if you have PFPT=ON set, and do not have any values set for PFTEMP, TEMP, and TMP, filePro can crash when executing a command with the "-pq" flag.

(*nix) #1139

showlock didn't display correct information on some 64-bit *nix releases.

(All) #1150

It was possible to get an erroneous "subscript out of bounds" error when referring to an array which was aliased to dummy fields or an associated field group.

(All) #1151

On some platforms, it was possible for opendir() to reurn a list of filenames of the correct length, but which contained some blank entries instead of the names.

(All) #1152

If you assign a value to a memo field via processing, and then refer to that same memo field before writing the record, the memo field can become corrupted, or cause filePro to crash.

(All) #1153

   When building an old-style index, dmxaint can fail with an "invalid
   argument" error should the index exceed 2GB in size, even on
   platforms that support 64-bit I/O.

(All)

   When restructuring a file larger than 2GB in size, ddefine could
   corrupt the data.

(All) #1154

   ddefine will now update the record counter during restructure only
   once a second, rather than every 100 records.

(All) #1155

   When calling ENCRYPT() without a nonce, and then calling GETNONCE()
   to read the value, it is possible for the same nonce to be generated
   more than once.

========================
5.6.10 Release Notes
========================

(Nix)
   Fixed a bug introduced where @sk did not hold special key when
   exiting a browse.

========================
5.6.09 Release Notes
========================

(All)
   The SYSTEM() function would give a syntax error on some platforms.

(All) #1063
   blobfix now takes command line parameters:

      blobfix [filename | -] (-m qualifier)

(Windows) #1074
   fpcopy would give a "cannot create new file" error upon doing a "copy
   file formats only".

(Quickstart only) #1104
   Executing a LOOKUP in a processing table, CALLing another table
   which executes a LOOKUP to the same file, and then CLOSEs that
   lookup, can cause filePro to crash and/or give unusual errors
   upon re-executing the LOOKUP in the original processing table.

(All) #1105
   The configuration editor did not allow an equals sign to appear in
   the value of a setting.

(All) #1106
   Under certain circumstances, CLOSEDIR() could cause filePro to hang

or crash.

(All) #1108
A new config variable, PFPRTFIND=logfilename, was added to help
debug problems in resolving printer name to destination.

(All) #1109
In request output, if you execute a CALL in sort/select processing,
and then execute a CLOSE in output processing with no intervening
CALLs, filePro would crash.

(All) #????
The SYSTEM() function would give a syntax error on some platforms.

(All) #596
blobfix did not properly fix qualified blob files.

(fPSQL) #701
fPSQL queries that selected based on associated fields behaved
differently if an index was built on that associated field group.

(All) #865
Selection sets did not properly compare memo fields no empty.
For example, if field 6 is a memo field:

   6 ne   <nothing>

all recods would be selected, even those where field 6 is empty.

(All) #1078
fpconfig did not allow values which contained an equals sign ('=').

(SCO OSR5) #1031
fpcopy on SCO OSR5 did not copy files whose name was longer than
14 characters.

(fPSQL) #1060
fPSQL on some systems would crash on queries using associated fields.

(All) #1067
dxmaint did not override PFQUAL of passed -m "" on the command line.

(All) #1094
A printer with a destination of "LOCAL" was not recognized as
setting the destination to the local printer.

(fPSQL) #1111
fPSQL could not use "filename.fieldname" format if the filename
started with a digit.

Note that, with this change, invalid numeric literals such as
"123b4" will now give an "unknown field" error rather than an
"invalid numeric literal" error.

(All) #1112
When converting from a non-time field to an HMS field, the conversion
would not be correct if the input field were longer than 8 characters,
or the hours value was larger than 99, regardless of the length of

the destination field.

(SCO OSR5)
Add a new variable, PFRENEWTIMEOUT=nnn, to control the license renew message timeout on SCO OSR5. The value "nnn" is the number of seconds between renewal messages, and can be any number from 2 to 600. The default is 60.

Note that this variable is unnecessary, and ignored, on other platforms.

Connectivity issues on OSR5 (cabling, router, TCP/IP stack, network congestion) can cause unexpected delays in OSR5 filePro programs (some long enough to seem like program hangs). Reducing the value of the license renew timeout messages can reduce and even eliminate these delays.

(*nix)
The following environment variables will be set within filePro if the license server is not being used:

PFPID - the process id of the filePro program.

PFSID - the session id of the filePro program.

PFLICENSESUSED - the number of licenses that filePro shows to be currently in use.

PFPROCESSCOUNT - the number of license-counted programs that filePro shows to be currently running this may be higher than the number of licenses used since multiple sessions with the same session id will only use one license count.

(Windows) #1114
fP-SQL would crash when opening an ODBC alien file.

(All) #1115
fPcopy would crash on a very long filename.

(Windows) #1116
If the code:
    handle = new odbc_connection(dsn) failed due to a license
    failure, "handle" would remain unchanged. The typical symptom
    would be seen as "odbc_conection returned a blank value".

==========================
5.6.08 Release Notes
==========================

(Windows) #1016
ddefine did not allow filenames with "." in Windows

(Linux) #1018
showlock did not display all locked records Linux

(All) #1026
Only one index was deleted when selecting multiple indexes in ddir/dprodir

(All) #1072 - enhancement

GETENV("PFREADONLY") will now return "ON" if the "-ro" flag is used, even
if not set in the environment.

(Quickstart) #1075
If you have a label "foo" and another "foo-bar" (ie: the same prefix, with
a hyphen and a suffix added), references to "foo-bar" would refer to "foo"
if "foo" occurs earler in the processing.

(All) #1068
If you had something following the "b=(expression)" part of a browse
lookup which "looks" like part of a valid expression, filePro would
take that as part of the "b=(expression)" part of the browse lookup.

For example:

    lookup foo k=xx i=a -nx b=(brwhead&brwdata)   *2"

(If, for example, you were to edit the lookup line to remove a literal
browse lookup, and missed the trailing "*2".)

(All) #1021
In dcabe, if you load a processing table with a DECLARE GLOBAL and syntax
check it, and then load and syntax check another processing table which has
the same DECLARE GLOBAL name, but a different definition, you would get an
"already defined" warning.

(All) #1040
EXIT in @ONCE processing didn't exit *report.

(Linux) #974
Website didn't allow license to be downloaded when using Domain Name
as the license check value for Linux systems.

(All) #975
The following flags have been added to swapcpu:

-Q = Quiet mode. Suppresses "file already in destination order".
-CN = Convert to native byte order.
-CF = Convert to foreign byte order.

(All) #977
swapcpu didn't swap the "blob" file.

(All) #982
PFMBTO only caused the first message box to time out. All subsequent
message boxes still required Enter.

(Windows) #1016
On Windows, ddefine did not allow you to create or access files with
a dot in the filename.

(Linux) #1071
On some systems, a fresh filePro install would fail with "fatal error
check current user count: invalid argument".

(All) #1077
filePro 5.6 is now available on FreeBSD.

(All) #1088
  Calling READLINE() with an uncast dummy field, which has never been
  assigned a value, and not including a maximum length, could crash
  filePro.

(All) #1099
  There was a memory leak in nested CALLs which has been fixed.

(All) #1100
  Under some circumstances, filePro would not use the available free
  space in the blob file for new blobs/memos, causing the blob file to
  grow larger than needed.

  Note that the updated blobfix utility can be used to "fix" this, and
  shrink the blob file to the "correct" size.

(All) #1101
  If you have a lookup to a file that has an automatic index built on
  an associated field group, but the lookup is not on that index, it
  was possible for filePro to crash.

(All) #1102
  Executing a LOOKUP in a processing table, CALLing another table
  which executes a LOOKUP to the same file, and then CLOSEs that
  lookup, can cause filePro to crash and/or give unusual errors
  upon re-executing the LOOKUP in the original processing table.

(Linux) #1103
  The Linux distribution included an old "lib/rename" utility, which
  wouldn't run on some current Linux distributions.

(*nix) #1014
  User-count debug logging can now be controlled via the new config
  variable "PFCHKUSER=logfilename".

(All)
  xfer now handles the blob file.

(*nix)
  filePro could crash in some debugging modes of the system environment
  variable MALLOC_CHECKS.

(*nix) #1070/#1096/#1097/#1098
  Some places in filePro didn't properly require double-break.

(*nix)
  Debug versions hard-coded the user-count logging filename. This is
  now controlled with PFCHKUSER=logfilename.

(All)
  OPENDIR() could crash if given a directory with thousands of files,
  all in alphabetical order.

(All)
  If a user menu's title and version number filled the space allotted,
  filePro could crash.

(*nix)

On some *nix systems, DEL (when not used as the Break key) would not be treated as a backspace.

========================
5.6.07 Release Notes
========================

(All) #964

ddir/dprodir would display "datax3" rather than "data"

(All) #967

In the memo editor, using the up and down arrows, if the cursor is in a column on the source line beyond the last column of the destination row, the cursor may be placed in the wrong location.

(*nix only) #968

When running without the license manager under Unix/Linux, *report and *cabe would not release the session upon exit.

(All) #969

TAB characters in help files were not properly handled.

(Sun) #1011

Files > 2gb cannot be accessed on SUN OS

(All) #975

Added the following flags to swapcpu:

-Q - Quiet mode. Supresses "file already in destination order" messages.

-CN - Convert to native byte order.

-CF - Convert to foreign byte order.

(All) #976 swapcpu index already swapped crash segv

Running swapcpu on a file with an index already in destation byte order could crash swapcpu.

(All) #992

The following scenario corrupts the index, possibly giving a DKNF error in the future:

A new key is being inserted into the index. (Or, an existing key is being modified, and the new key value is being inserted.) The leaf node into which the ken would be inserted is full, as are both of its sibling nodes. (Meaning a new leaf node gets created by splitting the current node.) The parent node needs to be updated to insert the new leaf node. The problem comes when the parent node, and the parent's right-side sibling are full. (And

possibly the left-side sibling as well, in which case we need to continue up to the grandparent node, where the same situation occurs.)

(All) #1042

Blobfix doesn't fix the internal record number reference within the blob header. This does no affect anything at runtime, but does make examining the structure for debugging purposes more difficult.

(All) #1047

If you have more than ome memo fieidl in a record, update one of them, and then execute a "memo ... delete" on the other one, and the other memo field never had any data in it, the blob file can be corrupted.

(All) #1059

In *report, if you CALL a process from within @WBRK or @WGT, and that processing table DECLAREs new variables, referencing those variables can cause *report to crash/freeze.

(All) #1064

OPENDIR()'s return value was truncated to the last 3 digits, so if more than 999 files are returned, the return value was wrong. Note, however, that all files were returned.

(All) #966

If you have a lookup file with memo fields, and to a COPY to that lookup, the memo fields won't be copied correctly.

(All) #970

If you have an array aliased to fields which includes a memo field, executing "CLEAR arrayname" will crash filePro later.

(All) #1003

If you defined memo dummy fields or variables in a file which has to "real" memo or blob fields, filePro would crash upon access to those fields.

(All) #1012

If you have a filePro map with empty field names in the middle, any reference-by-name of the first field after the blank field name(s) will not work correctly.

(All) #1017

If you concatenate fields such that the combined length is greater than 32,767 you would get an out-of-memory error.

(All) #1027

In *report, if the first assignment to a dummy field that is not
declared in automatic is in a CALLed table, then *report may crash
at a reference to a dummy field dome within @DONE processing.

(All) #1028

Under certain circumstances, using "@" in an edit cn crash filePro.

(All) #886

Attempting to use sockets without a socket license could crash
filePro rather than give an error.

(All) #963

In the meo editor, if the cursor is on the last line of a word-
wrapped line of text, and is on the first line within the memo
editor window, and the rest of the window is fil;led with
additional text, then placing the cursor at the end of the test
on that line and backspacing such that the now-shorter text
would re-wordwrap to take less lines, taking the cursor to the
text which has been re-wordwrapped to the previous line (ie: the
one above the top of the window), can cause filePro to crash.

(All) #1002

If the width of a listbox was at least 78, and dropshadows are
turned off, the contents of the listbox are shifted right 2 by
columns.

(All) #1048

DECLARE EXTERN in sort/select processing for a vairable which is
DECLAREd GLOBAL within automatic processing could cause a
"variable already declared" error after sort/select processing
was finished.

=========================
5.6.06 Release Notes
=========================

(Nix) #968

When running without the license manager, *report and *cabe did
not release their session license upon exit.

(Nix) #965

The SCO version of filePro could fail to validate a MAC-address-based
license if enough filePro sessions were open. (Even though there
were less sessions than the license would allow.)

(All) #966

If you have a lookup file with memo fields, and do a COPY to that
lookup, the memos won't be copied correctly.

(All) #963

  If the cursor is on the last line of a wordwrapped line of text,
  and is on the first line within the memo editor window, and the
  rest of the window is filled with additional text, then placing
  the cursor at the end of the text on that line and backspacing
  such that the now-shorter text would re-wordwrap to take less
  lines, taking the cursor to the text which has been re-wrapped to
  the previous line (ie: the one above the top of the window), can
  cause filePro to crash.

(All) #967

  In the memo editor, using the up and down arrows, if the cursor
  is in a column on the source line beyond the last column of the
  destination row, the cursor may be placed in the wrong location.

========================
5.6.05 Release Notes
========================

(All) #949

  The 2-digit-year system date fields resolved without an EOF
  marker in dscreen/dmoedef.

(All) #957

  LISTBOX() would expand embedded TAB characters within items.

(All) #958

  If you are on the last line of text in a memo, and that line wraps,
  and the end of that line (ie: the end of the memo itself) is visible
  as the last line in the memo window, and you start deleting text on
  that line such that the wordwrap now takes up less lines (ie: the
  word on the last line gets "pulled" up to the previous line), then
  filePro can crash.

(All) #959

  autoshuf didn't run with a runtime-only license.

(All) #960

  The default value for PFLISTSLASH has been changed from ON to OFF.

(*nix) #961

  Under certain circumstances, the first time you accessed a
  licensed feature, filePro would freeze while doing the license
  check. This only happened if the license manager was not running.

========================
5.6.04 Release Notes
========================

(Linux) #940

   Using LOCKED() in rclerk/rreport on Linux could crash filePro.

(All) #941

   fPSQL could crash if the query required 10K of output per record.
   (Default increased to 100K, and it now properly reports error if
   exceeded.)

(All)

   Corrected some licensing issues with session and feature counts
   not being released in some circumstances.

(ODBC) #943

   Define files fails on an ODBC data source when the table name
   has embedded spaces.

(All) #947

   If you have a dummy field which has not been given a length/type
   in processing, and place it on a screen, and then have a popup
   screen over that field, and when the popup isn't active (ie:
   after a POPUP UPDATE, but before a CLEARP, do a SHOW "@...",
   the contents of that dummy field will bleed through to the
   popup.

(All) #951

   If you have a fuzzy browse lookup with "show=pkeep", filePro
   would crash upon re-executing the lookup.

(All) #952

   New system array -- @FUZZY[] -- contains information about
   the most recent fuzzy browse lookup.

   Currently, the only info available is the record number,
   via @FUZZY.RECNO[subscript]

(All) #954

   If you have any pending PUSHKEYed keystrokes, the filePro
   processing debugger didn't update the screen as you stepped
   through processing.

(All) #955

   -SX flag to *report did not load the selection set.

(All) #956 Memo editor spellcheck crashes

   Pressing F8/S in the memo editor to run spellcheck would crash
   filePro if you hadn't previously done a SPELLCHECK() function
   within processing.

(*nix)

On Unix/Linux, when not using the license server, if the license
file was missing or was determined to be invalid for any reason,
the filepro program would abort with a segmentation violation.
This has been corrected and the filePro program now displays a
licensing error message and exits cleanly.

(*nix)

On Unix/Linux, when not using the license server, filePro could
incorrectly create many semaphores and shared memory segments.

========================
5.6.03 Release Notes
========================

(*nix)

fplmserver wouldn't recover disconnected sockets in a timely manner.

(SCO OSR5)

fplmserver would freeze when running a filePro program from within
a SYSTEM command on SCO OpenServer 5.

(All) #939

PFNUMIXBUILD was incorrectly documented as allowing up to 128000.
The real maximum is 32767, which is now enforced by filePro. (Setting
it higher than the maximum value will result in using the maximum.)

(Linux) #940

Using LOCKED() in rclerk/rreport on Linux could crash filePro.

(All) #941

fPSQL could crash if the query required 10K of output per record.
(Default increased to 100K, and it now properly reports error if
exceeded.)

(All)

Corrected some licensing issues with session and feature counts
not being released in some circumstances.

========================
5.6.02 Release Notes
========================

(All) #939

PFNUMIXBUILD was incorrectly documented as allowing up to 128000.
The real maximum is 32767, which is now enforced by filePro. (Setting
it higher than 32767 in previous versions could crash filePro.)

(*nix)

Some license server sockets in fplmserver were not being closed and
released in a timely fashion.

(OSR5)

Nested sessions of clerk/report could cause an infinite loop in the
license server on OpenServer 5.

(*nix)

Problems with the DEL/Ctrl-C interrupt on multi-threaded platforms
could cause crashes.

(Linux)

filePro had problems with the shared libtermcap on 64-bit Linux
platforms, so we now statically link to our own termcap library.

(All)

@LICENSE[] will now show a feature as licensed, even if the session
limit has been reached for that feature.

(All) #924

PFNODFMSG=OFF turns off ddefine's "PFNODF=ON" notice.
(Default: ON)

(*nix) #925

Fixed a problem on *nix boxes with filePro not properly counting
sessions if the license manager is not running, and one filePro
program calls another.

(5.6) #928

RECV() and RECVLINE() now accept DECLAREd variables, in addition to
real and dummy fields, as the destination.

(Windows)

pmaint now has an F6 option to display a list of system-defined
printers while in the "destination" field of the printer config
screen.

(All) #927

Fixed a problem with node_addr and DKNF errors on indexes which
are larger than 65536 blocks in size.

(5.6) #937

Added PFENTSELDISABLE=list to disable (and remove prompts for) a
set of default behavior of *clerk at the "Enter Selection" prompt.
A question mark ('?') represents HELP. Note that the HELP key
cannot be disabled with this variable, although you can keep the

new prompt from appearing.

The default value is "?", which causes the same prompts as before
to appear.

Any "invalid" keys listed are ignored.

Note that any @KEY events are not disabled. Only filePro's default
behavior for the keystrokes is affected.

Also note that, if the HELP key label is longer than 3 characters,
enabling all of the prompts will not fit in 80 columns.

(All) #938

MEMO handle EXPORT filename APPEND
BLOB handle EXPORT filename APPEND

    Would crash at runtime.

(All) #931

FIELDNAME/LEN/EDIT/VAL didn't take an expression for the field number.

(ODBC) #932

dreport was unable to post new records to some high-level ODBC data
sources.

(*nix) #933

If you were to have a variable/array/lookup/etc called "USER", then
the parser would allow some invalid syntax, where part of an expression
was missing, such as "aa = bb +".

(Linux) #934

There are two distinct, and incompatible, pty methods on different
Linux boxes. fpdaemon now includes both methods in a single binary,
and determines at runtime which method to use.

(All) #935

dxmaint would show "not available" on indexes that were in use, but
it would still let you rebuild them.

(All) #936

MEMO...SHOW now accepts the NOWRAP flag, just as MEMO...EDIT does.

(Linux) #926

fpcopy would fail with "cannot create new data file" on some
Linux systems.

(*nix) #929

DOKEY would not work if you used a lower-case letter.

```
==========================
```
5.6.01 Release Notes
```
==========================
```

(*nix)

   Problems with the DEL/Ctrl-C interrupt on multi-threaded platforms
   could cause crashes.

(Linux)

   filePro had problems with the shared libtermcap on 64-bit Linux
   platforms, so we now statically link to our own termcap library.

(All)

   @LICENSE[] will now show a feature as licensed, even if the session
   limit has been reached for that feature.

```
====================================
```
5.0.15 Release Notes and
5.6 fixes since 5.0.14
```
============================
```

See 5_0_15_readme.txt for fixes since 5.0.14

```
====================================
```
Spooling for Native Windows filePro
```
====================================
```

Windows apparently doesn't spool print jobs sent by native windows console
applications to local printer ports, the way that it does for MS-DOS programs
that do the same thing. (That is, open "lpt1" as a file and write to it.)

We have added the necessary code to the native windows version of filePro
to use the Windows printer routines (ie: OpenPrinter, StartDocPrinter, etc.)
which do respect the Windows spooler. However, the spooler is also limited
to those printers defined in the printer control panel. Therefore, we have
made it a requirement that, in order to use the Windows spooler, you must
prefix the filePro destination with "win:", as in "win:lpt1:".   The rest
of the destination must be the exact port name or printer name as you have
defined it to Windows.   So, if you have a printer attached to LPT1 that is
named "HP DeskJet 870Cse", you would use either:

        win:lpt1:
or   win:HP DeskJet 870Cse

If you have a network printer "\\server\printer" that is captured to LPT2,
called "Bob's printer", and the Windows destination is "\\server\printer"
then you would use either:

        win:\\server\printer
or   win:Bob's printer

You could not use "win:lpt2:" as "lpt2" is not the destination that Windows
knows the printer by. (Though you could use "lpt2" without the "win:" and
go directly to that port without the spooler.)

Remember: You can only use the exact port name or printer name that Windows
uses. Anything else will result in a "the parameter is incorrect" error when
filePro tries to open the printer.
****

****
filePro and filePro Plus are registered trademarks of fP Technologies, Inc.
****

===================================
End End End End End End End End End
===================================