

# Flicware™ Pro User Manual



Software Wedge for Your

**Flic**<sup>™</sup>  
Laser Bar Code Scanner

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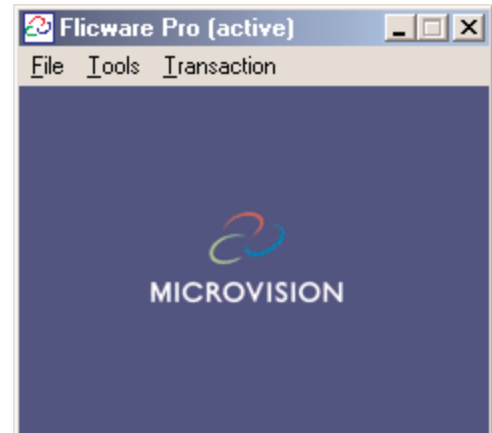
# Introduction

## What's In It for Me?

The Flicware Pro application is a state-of-the-art software wedge for your Flic bar code scanner. The Flicware Pro program can do anything that Flicware software can do, and much, much more:

With Flicware Pro software, you can:

- Create multiple transactions of several fields each.
- Add keystrokes to data scanned to navigate the application, or to supply data in the form that your application wants.
- Create custom voice prompts and error messages to keep the user informed of the transaction's progress.
- Assign a transaction to a specific application window, so that the transaction automatically activates when that window is brought to the front.



Together, the Flicware Pro software and your Flic scanner are an intelligent wedge system that automatically detects the recipient application and changes its behavior to meet that application's needs. No hardware wedge can do this alone. An added advantage of Flicware Pro software over the Flicware program is that if the Flicware Pro software isn't running and you plug the scanner in, the data remain in memory.

## Technical Support

For technical support, please contact your vendor.

Technical support for Flicware Pro software is also available on our website at [www.flicscanner.com](http://www.flicscanner.com).

# Installation

Flicware Pro software is available for download at [www.flicscanner.com](http://www.flicscanner.com). If you prefer, you can purchase it on CD for a small additional charge.

## Software Installation

To download and install the program, visit [www.flicscanner.com](http://www.flicscanner.com) and click on the link for "Flicware Pro." Follow the on-screen instructions to purchase your licensed copy of Flicware Pro software.

To install the program from CD, place the disk in your CD drive and follow the instructions. If your CD drive does not support the autorun feature, open the CD file and double-click on the setup.exe program icon.

By default, the drive and directory where the Flicware Pro application installs itself is c:\Program Files\Flicware Pro. You may specify a new location by pressing the Change button in the installation dialog box. Then follow the directions given by the installation program to completely install your Flicware Pro software. It shouldn't take more than a few minutes of your time.

## Hardware Installation

All you have to do to install your hardware is to connect the Flic scanner cable to the RS-232 port on your computer, and plug the cable into your Flic scanner.

We offer many accessories for your Flic scanner to support portable or tethered applications, including a convenient holster, docking station, USB adapter cable and protective boot.

## Flic Scanner Configuration

The first time you launch the Flicware Pro application, you will be asked to configure your Flic scanner (see page C.5). Every new scanner must go through this configuration process; if you do not configure your Flic scanner prior to use, you will receive an error message that says your Flic scanner is not configured.

# Installation

## License

Your use of Flicware Pro software is conditional upon your acceptance of the terms of Microvision's end user license agreement which will be displayed prior to your first use of the Flicware Pro software. If you do not agree to the terms of the end user license agreement, you will not be able to use the Flicware Pro software. The terms of the end-user license agreement are reproduced at the end of this manual.

# Demo: Create a Wedge

This section teaches you how to create a simple wedge with audio prompts using Flicware Pro software's powerful Transaction Definition tools. This simple wedge transaction takes whatever data you scan and puts it into Notepad just as if you'd typed the data in at the keyboard.

## To Begin

Start Notepad (typically done by pressing Start / Programs / Accessories / Notepad) and the Flicware Pro application. Configure your Flic scanner, if necessary (see page C.5).

Within Flicware Pro software, select New Transaction from the Transaction menu. The top text box in the dialog is labeled Transaction Name; enter Notepad Demo in the text box.

The second text box from the top is labeled Window Title. It has a drop-down menu that shows the titles of all windows currently open on your computer; click on the arrow and select "Untitled - Notepad" from the available options.

Press the Transaction Prompt button and select NOTEPAD.WAV for the transaction prompt two rows below where you selected the window title. This WAV file will play whenever Notepad is brought to the front, indicating to the user that this transaction is now active.

Next, near the bottom, notice that the text box next to the Audio Prompt button shows FIELD.WAV. This audio prompt tells the user to scan the first (and only) field in this demo. You can leave this and all the other defaults in place at this time.

Click OK to close the Transaction Definition window.

Now click on the Tools menu and select Options. Select the System Settings tab and press the Transaction Complete button. Choose the file TRANDONE.WAV; this will play whenever Flicware Pro software completes a transaction.

Press the OK button to close the dialog.

# Demo: Create a Wedge

Your Transaction Definition window should now look like this:

The screenshot shows the 'Transaction Definition' dialog box. It contains the following fields and controls:

- Transaction Name:** Notepad Demo
- Window Title:** Untitled - Notepad (dropdown menu)
- Initial Keystrokes:** (empty text field)
- Transaction Prompt:** C:\Program Files\Flicware Pro\Sounds\Notepad.wav
- Editing field 1 of 1:**
  - Field Name:** Field 1
  - Field Mask:** ~?
  - Exit Keystrokes:** {ENTER}
  - Audio Prompt:** C:\PROGRAM FILES\FLICWARE PRO\Sounds\Field.wav
  - Error Sound:** C:\PROGRAM FILES\FLICWARE PRO\Sounds\Invalid.wav
- Chars to Strip:** Front: 0, Back: 0 (with up/down arrows)
- Buttons:** Previous, Next, New, Delete, OK, Delete Transaction

## Testing the Demo

Under the Tools menu, click to place a checkmark next to Active. This tells Flicware Pro software that you are ready to begin. The Flicware Pro application's title bar now reads "Flicware Pro (active)."

Next, click on the Notepad window. When you do this, you'll hear NOTEPAD.WAV say, "Notepad, Untitled."

Then FIELD.WAV, the audio prompt for Field 1 (the only field you have), plays, saying, "Scan next bar code."

# Demo: Create a Wedge

Scan the following bar code:



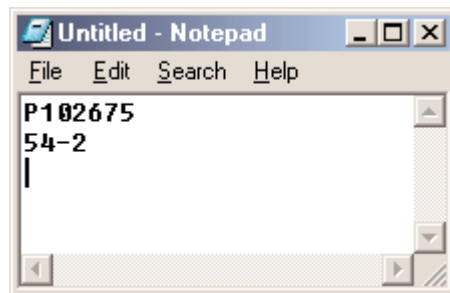
P102675

When the scan is completed, so is the transaction, as Flicware Pro software expects only a single field. Now that the transaction is complete, the file `TRANDONE.WAV` plays, saying, "Transaction complete." This is followed by "Scan next bar code," the audio prompt for Field 1 of the next transaction.

Next, scan this bar code:



54-2



At this time, your Notepad window should look like this:

Notice that Flicware Pro software accepts any data from the scanner. Instructions for how to filter for desired data in the next demo.

# Demo: Custom Transactions

This section teaches you how to create a custom transaction to capture part numbers and quantities. This transaction also has audio prompts. This demo gives a simple illustration of Flicware Pro software's capabilities.

## To Begin

Start WordPad (Start / Programs / Accessories / WordPad) and Flicware Pro software.

Within the Flicware Pro application, select New Transaction... from the Transaction menu.

Name this transaction "Inventory Demo," and select the "Document - WordPad" window from the drop-down menu (using the menu is far easier and more accurate than typing the name of a window). Choose WORDPAD.WAV for the transaction prompt.

Finally, you may want to put some headers into our data file, so anyone who opens it knows what all the numbers mean. Type: "Part #:" into the Initial Keystrokes area (note the space after the colon).

## First Field: Part Number

The first data to scan for this demo will be the part number. Change the name from "Field 1" to "Part #".

For purposes of this demo, assume part numbers all start with P, but may have a variable number of digits or letters following. Therefore, you should enter a field mask of P~? as this will accept any string that starts with the letter P (see page C.14 for more on masks). Since it is desired to have the part number and quantity be on the same line, change the Exit Keystroke to "{TAB}QTY:" (again, note the extra space after the colon).

Because you can have custom audio prompts, choose PN.WAV and BADPN.WAV for your Audio Prompt and Error Sound, respectively.

# Demo: Custom Transactions

Your Transaction Definition window should now look like this:

The screenshot shows the 'Transaction Definition' dialog box. It contains the following fields and values:

- Transaction Name: Inventory Demo
- Window Title: Document - WordPad
- Initial Keystrokes: Part #:
- Transaction Prompt: C:\Program Files\Flicware Pro\Sounds\Wordpad.wav
- Editing field 1 of 1:
  - Field Name: Part #
  - Field Mask: P~?
  - Exit Keystrokes: {TAB}Qty:
  - Audio Prompt: C:\Program Files\Flicware Pro\Sounds\PN.wav
  - Error Sound: C:\Program Files\Flicware Pro\Sounds\BadPN.wav

At the bottom, there are buttons for 'Previous', 'Next', 'New', 'Delete', 'Front: 0', 'Back: 0', 'OK', and 'Delete Transaction'.

## Second Field: Quantity

Press the New key to create a second field for the transaction. The area label changes to say, "Field 2 of 2."

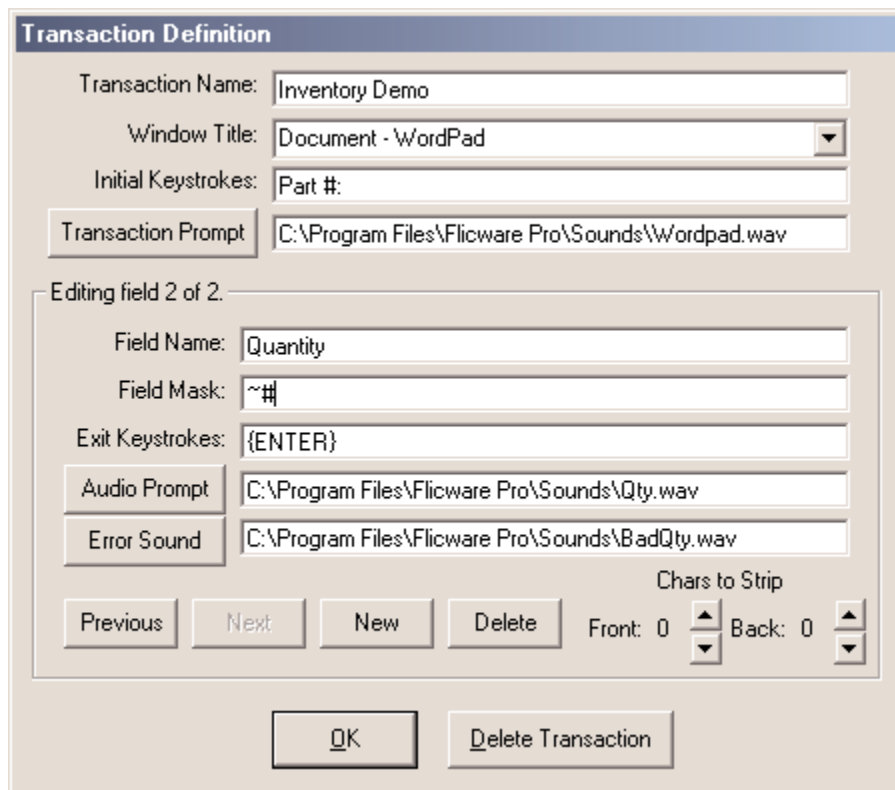
Change the name from "Field 2" to "Quantity". Since you may have no idea how large the quantity field may be, enter a ~# (see page C.14 for more on masks). Since we want only one set of data per line, let's leave the Exit Keystroke as "{ENTER}".

Choose QTY.WAV and BADQTY.WAV for your Audio Prompt and Error Sound.

Do not change the initial keystrokes at this time.

# Demo: Custom Transactions

Your Transaction Definition window should now look like this:

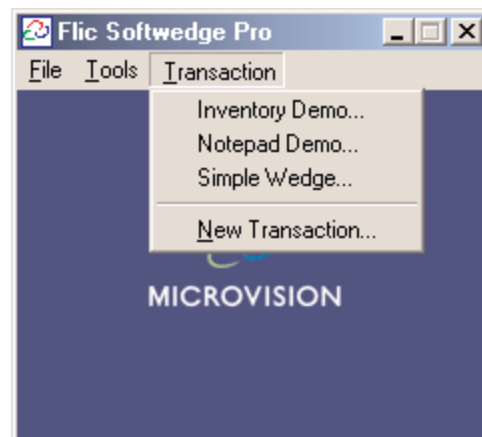


The screenshot shows the 'Transaction Definition' dialog box. It has a title bar with the text 'Transaction Definition'. The fields are as follows:

- Transaction Name: Inventory Demo
- Window Title: Document - WordPad (dropdown menu)
- Initial Keystrokes: Part #
- Transaction Prompt: C:\Program Files\Flicware Pro\Sounds\Wordpad.wav
- Editing field 2 of 2:
  - Field Name: Quantity
  - Field Mask: ~#
  - Exit Keystrokes: {ENTER}
  - Audio Prompt: C:\Program Files\Flicware Pro\Sounds\Qty.wav
  - Error Sound: C:\Program Files\Flicware Pro\Sounds\BadQty.wav
- Buttons: Previous, Next, New, Delete, Chars to Strip (Front: 0, Back: 0)
- Bottom buttons: OK, Delete Transaction

Now click the OK button to close the Transaction Definition window.

Once you've closed the Transaction, click on the Transaction menu again. You'll notice that your Transaction menu now has the new transaction included, as shown.



# Demo: Custom Transactions

## Testing the Demo

Now click on the Tools menu and click to place a checkmark next to Active.

Then click on the WordPad document. When you do this, you'll hear WORDPAD.WAV say, "WordPad transaction."

Then the audio prompt for Part # plays, "Please enter part number."

Scan the following bar code for part number:



P102675

The part number is entered in the WordPad window, followed by the audio prompt, "Please enter quantity." Now scan this bar code to enter the quantity:



50

Flicware Pro software enters the data, plays the WAV file for a completed transaction, and prepares for a new transaction.

Now scan in a second part number and quantity:



P186567

# Demo: Custom Transactions



100

Now test how Flicware Pro software handles errors. Scan the Part Number bar code below, and the invalid quantity bar code following:



P277657

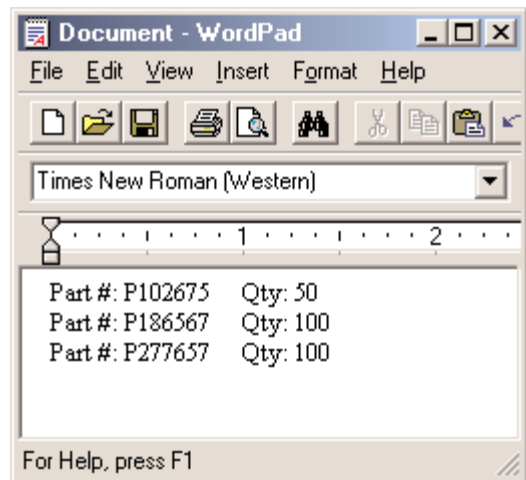


54-2

Flicware Pro software says, "Invalid quantity." It won't accept the scan, as it doesn't pass the mask. Instead, scan the "100" bar code at the top of this page again.

That's all there is to it!

Your window should now look like this:



Now that you've seen the power of Flicware Pro software, be sure to read the Reference section, presented on the following pages.

# The Basics

Be sure to read the Flic scanner Operator's Guide (included with the scanner) for tips on using the hardware.

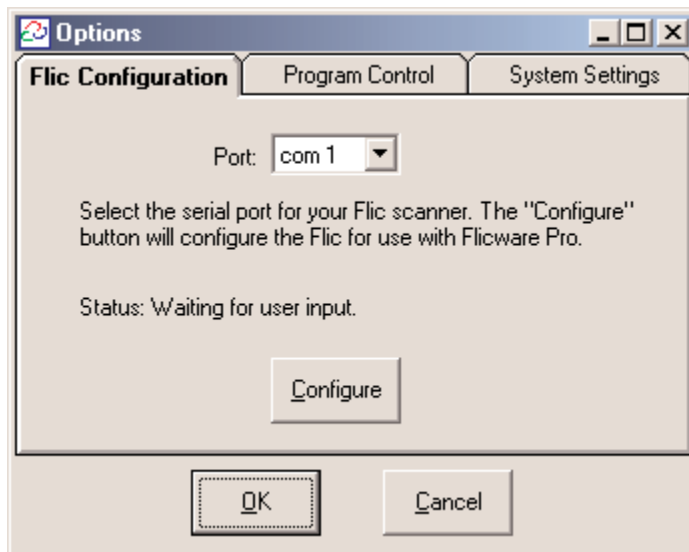
## What Flicware Pro Software Does

Flicware Pro software is designed to work with a Flic bar code scanner connected to a serial port on a PC running on most versions of Windows 95 or later. It also works with a USB adapter cable, available for purchase from your vendor or at [www.flicscanner.com](http://www.flicscanner.com).

When Flicware Pro software is active, it sends ASCII data received from the serial port (or USB port) to your Windows application as keystrokes. This means that everything you scan enters the program just as if you typed it at the keyboard.

You can customize transactions for your Flic scanner for up to ten different programs. The default configuration works just like the basic Flicware program, with even more powerful options for modifying the incoming scan and testing it to ensure it's the right data.

## Getting Started



The very first time you launch the Flicware Pro application, it automatically opens the Tools / Options window for you, so that you can test the Flic scanner's connection and configure your Flic scanner for use with the Flicware Pro software.

When this window launches, you'll notice that the message area of the Options window says, "Status: Waiting for user input."

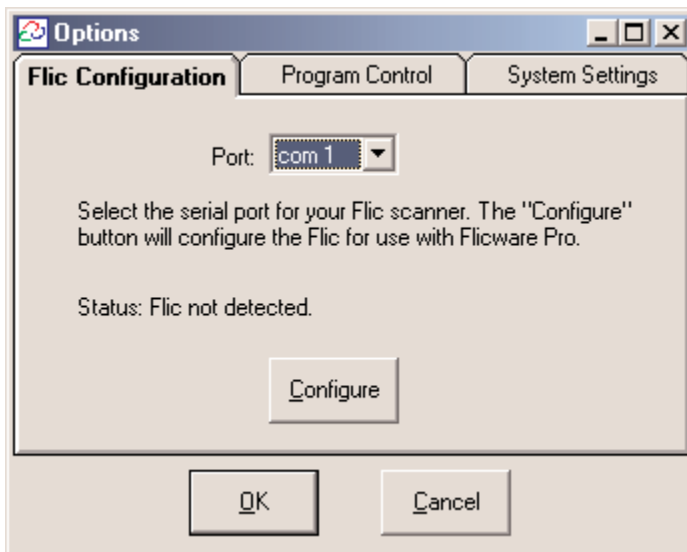
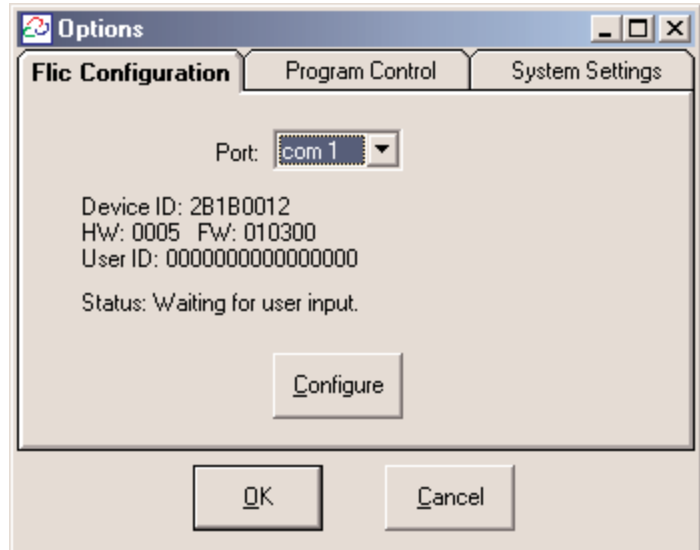
# The Basics

Ensure that the Flic scanner is attached to its cable, and that the cable is attached to an RS-232 port on your computer.

If you are using a USB adapter cable, follow the instructions in the USB Adapter Installation Guide to install the necessary driver. Connect the Flic scanner using the USB cable.

Select the port's ID, and press the Configure button.

If everything is in order, the window will display the message, "Flic configured."



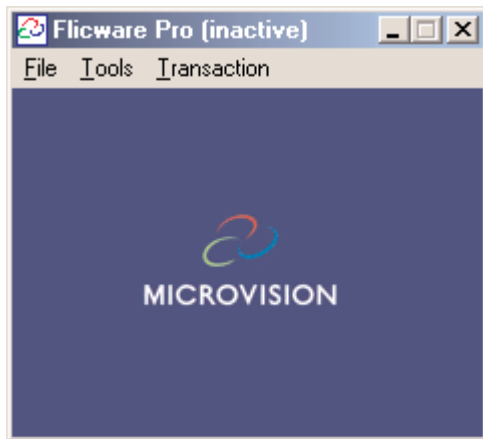
If, after pressing the Test button, the status line says, "Flic not detected," check the connections, and/or try another port.

Once the test is successful and the Flic scanner is detected, click OK to close the Options window. The program's main window launches, and you can proceed.

Each new Flic scanner to be used with the Flicware Pro software must be configured, otherwise they will not work properly.

# The Basics

## The Main Window



The Flicware Pro application is controlled by the File and Tools menus in the main window. These menu options are explained on the following pages.

Note that when you minimize the Flicware Pro software window, it goes into the system tray instead of the task bar like most programs. The system tray is that box at the right-hand side of the task bar, where you can see the time display.



If a Flic scanner has not been detected, or if the Flicware Pro application has not been made active (page C.9), the system tray icon changes to remind you, as shown.

## Tool Tips

If you hold your mouse still over any of your Flicware Pro software's buttons or menu items, a helpful hint appears. These "tool tips" can help you learn the program more quickly; please take advantage of them.

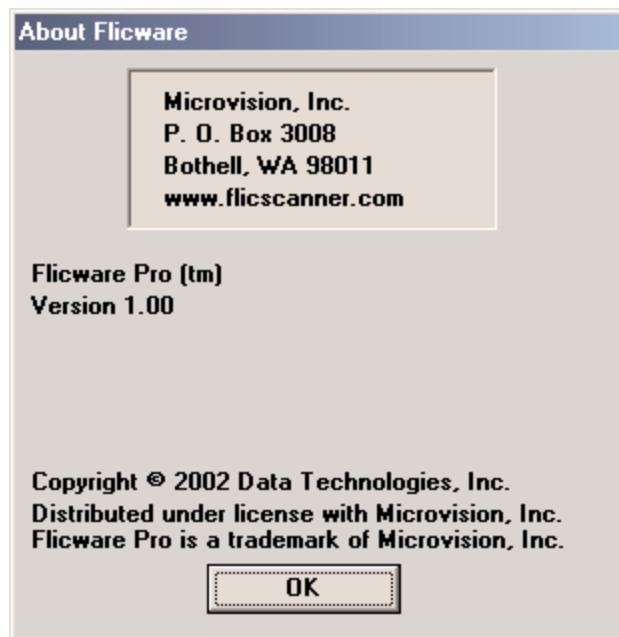
# The File Menu

## Quit

This selection quits the Flicware Pro application. Depending on which preferences that you have set (see page C.6), a dialog box may appear asking you to confirm that you wish to quit.

## About...

This selection provides information about Flicware Pro software and Microvision, Inc.



# The Tools Menu

## Options...

The Options... window lets you choose the settings that control how your Flicware Pro software operates. The function of each of the three tabs is described below.

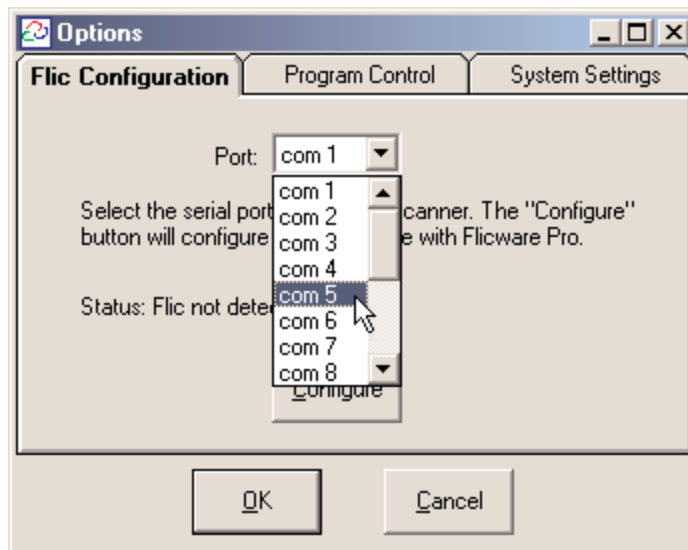
Pressing OK saves your settings and exits the Options... dialog. Pressing Cancel exits this dialog box without saving the changes you just made to the settings.

## Options / Flic Configuration:

When the Flic Configuration tab is selected, you can confirm the port number assigned to the Flic scanner, and test to ensure your connection is working.

Flicware Pro software can read from COM1 through COM16, as set by the drop-down menu at the top.

Pressing the Configure button checks to ensure the Flic scanner is connected to that port, and that it is properly configured.



If the Flic scanner is not detected, check the cable connections. If the cable is connected properly, try selecting other ports.

Each new Flic scanner to be used with the Flicware Pro software must be configured, otherwise they will not work properly.

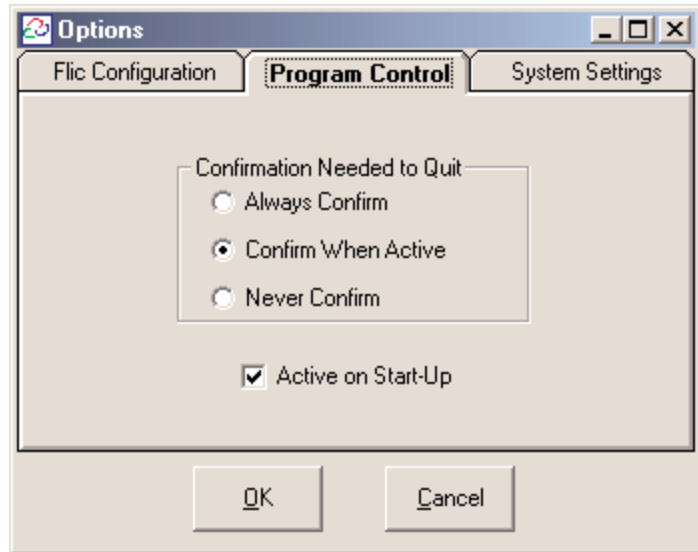
# The Tools Menu

## Options / Program Control:

When the Program Control tab is selected, you can change the basic way the Flicware Pro program operates.

### *Confirmation Needed to Quit*

This selection can provide a measure of safety that ensures you do not accidentally quit the Flicware Pro application. You can specify three different levels of safety.



**Always Confirm:** When you check the Always Confirm radio button, Flicware Pro software will always double-check that you want to quit when the program is operational, whether or not Flicware Pro software is active.

**Confirm When Active:** When you check the Confirm When Active radio button, the Flicware Pro software will only ask you for confirmation if it is currently selected to be active (and is therefore probably processing bar codes).

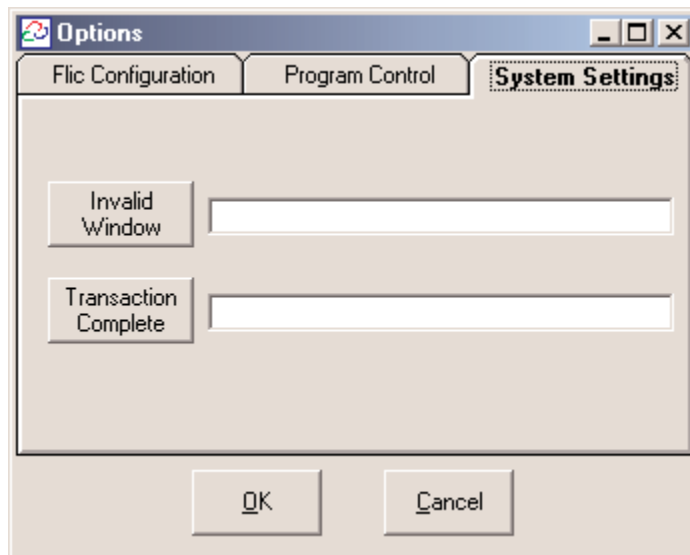
**Never Confirm:** When you check the Never Confirm radio button, the Flicware Pro application will never ask you to confirm that you want to quit; it will exit the program.

### *Active on Start-Up (Recommended)*

When you check the Active on Start-up check box, Flicware Pro software immediately becomes active when you start the Flicware Pro program. This is useful if you want to automatically load and start the Flicware Pro application and start scanning bar codes immediately when the computer boots. To have Flicware Pro software start automatically, you must have a shortcut to the Flicware Pro software in your Startup directory (typically My Computer / C: / Windows / Start Menu / Programs / StartUp). See your Windows help tool or manual for more details.

# The Tools Menu

## Options / System Settings:



This window lets you control the audio feedback provided for two important events: an error trying to link to the application window, and a completed transaction.

The Invalid Window button lets you browse for and select a WAV file to be played if the front window title does not match any transaction currently configured (see below). This serves as a reminder to the user to make the desired application or document available.

**Note:** Unless the Simple Wedge transaction is deleted, the Invalid Window message will never be activated. When you click on a window to make it the front window, the Flicware Pro software compares the window's title to the defined transactions, starting from the top of the Transaction menu list and working to the bottom. The Simple Wedge transaction (see page C.11) accepts any window, as it has ~? in its window title field. Thus, you can only have an invalid window error if Simple Wedge is no longer at the bottom of the Transaction menu.

Finally, the Transaction Complete button lets you choose a WAV file to be played at the successful completion of any transaction. This confirms to the user that the transaction was successfully transmitted, and can act as a prompt for another transaction.

# The Tools Menu

## Trace...

Debugging may be required to properly configure Flicware Pro software for your application. This dialog box allows you to see exactly what data your Flic reader is sending to your computer.

Seeing this data can help you determine whether or not you need to strip characters and/or append characters in the format window to get your data processed properly. If the bar code symbols you scan include

data identifiers or application identifiers but your application doesn't use them, you may want to set up Flicware Pro software to strip these unused characters.

**Note:** The Flicware Pro application automatically strips <STX> and <ETX> characters.

Pressing the OK button closes this window.

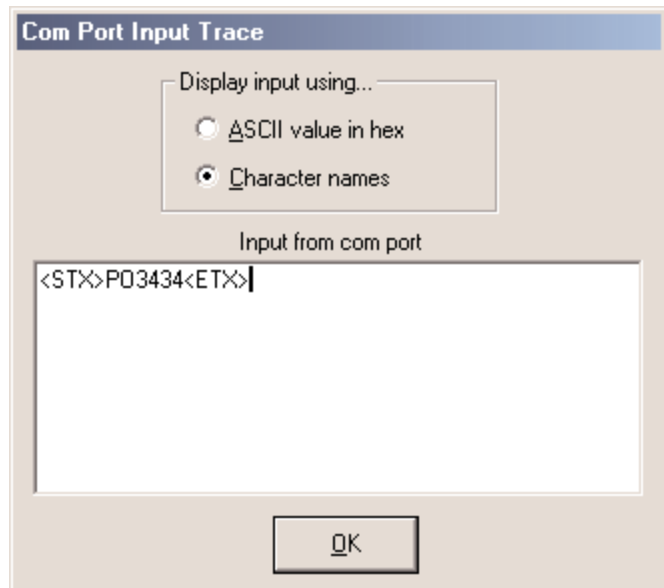
### *Display Input Using...*

This lets you choose whether you wish to see ASCII characters in hexadecimal format, or the names of the characters.

When Character Names is selected, non-printable ASCII characters are displayed with abbreviations contained between brackets. For example, in the above diagram, the last character <ETX>, stands for "end transmission."

### *Input from com Port*

This text box shows you precisely what data are being sent. Newer transmissions are added to the end of the text shown.

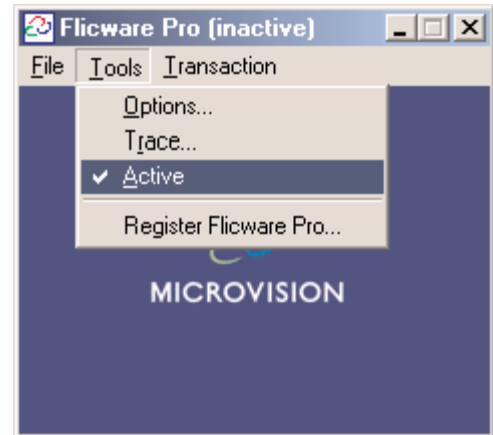


# The Tools Menu

## Active

This menu option is a yes/no selection; it does not open a dialog box.

When Active is checked, the Flicware Pro application is ready to accept data from the Flic scanner and insert it into your Windows application. When Active is not checked, Flicware Pro software is disabled and data from the Flic laser scanner will not be processed.



Active must be unchecked to change the Options and Transaction settings.

You cannot check Active if a Flic scanner has not yet been configured.

# The Tools Menu

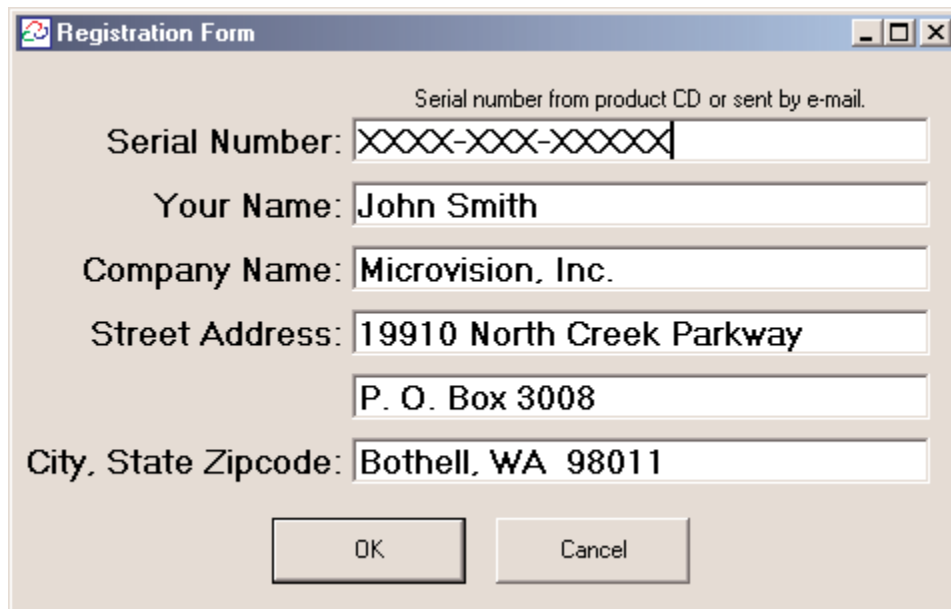
## Register Flicware Pro...

In this window, you can activate your license.

When you purchase Flicware Pro software online, a unique serial number is provided both on the screen and included in a separate email sent to you.

If you purchased Flicware Pro software on a CD, the serial number is provided on the CD sleeve.

To register your program and unlock its capabilities, enter the serial number provided by Microvision along with your registration information. Be sure to save this serial number as proof of your purchase.



The screenshot shows a Windows-style dialog box titled "Registration Form". It contains several text input fields for registration information. The "Serial Number" field is pre-filled with "XXXX-XXX-XXXX" and has a small instruction above it: "Serial number from product CD or sent by e-mail." The "Your Name" field contains "John Smith", "Company Name" contains "Microvision, Inc.", "Street Address" contains "19910 North Creek Parkway", "P. O. Box 3008", and "City, State Zipcode" contains "Bothell, WA 98011". At the bottom of the dialog are "OK" and "Cancel" buttons.

Serial Number:	XXXX-XXX-XXXX
Your Name:	John Smith
Company Name:	Microvision, Inc.
Street Address:	19910 North Creek Parkway
	P. O. Box 3008
City, State Zipcode:	Bothell, WA 98011

# The Transaction Menu

All data processing is defined using transactions. A transaction is a set of instructions that details what scanned data to expect and how to handle that data. To use a transaction, it must be defined prior to setting the Flic scanner to Active.

If you have multiple transactions, the Flicware program checks to see if the currently active window matches any of the defined transactions (from top to bottom). It then uses the first transaction that matches. Since the Simple Wedge transaction matches any window, and since it is always the bottom transaction, it is always used as a last resort.

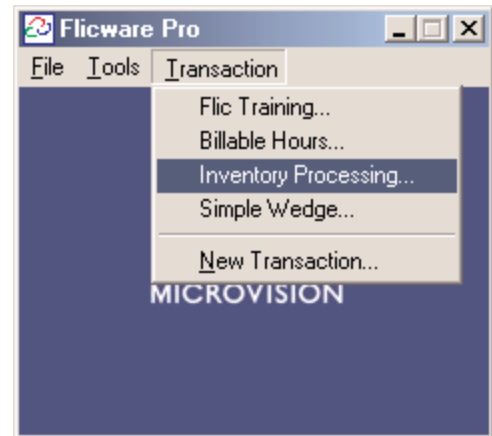
## Simple Wedge...

Simple Wedge is a default transaction setting. It acts just like the basic Flicware program: a no-frills wedge. All characters scanned are sent as keystrokes to whichever application is the current window.

## [Custom] Transaction...

Flicware Pro software allows you to create customized transaction processes, defining how they interface with different application windows. As you do so, new menu items appear in this menu, labeled with the names of your transactions.

Selecting one of these menu items opens the Transaction Definition window, allowing you to edit or delete the transaction.



## New Transaction...

Selecting this item opens the Transaction Definition window (see page C.12) and creates a new transaction within it. This transaction will appear at the top of the Transaction menu. Flicware Pro software allows you to create up to ten custom transactions, allowing your Flic scanner to interact with up to ten separate application windows.

Transaction definition is described in the next section.

# Transaction Definition

When you open a transaction, the following window appears. This transaction definition window allows you to define every aspect of the transaction, customizing it for your application, file, and data source.

The screenshot shows a dialog box titled "Transaction Definition". It has several input fields: "Transaction Name" (empty), "Window Title" (empty with a dropdown arrow), "Initial Keystrokes" (empty), and "Transaction Prompt" (empty). Below these is a section "Editing field 1 of 1." containing: "Field Name" (Field 1), "Field Mask" (~?), "Exit Keystrokes" ({ENTER}), "Audio Prompt" (C:\PROGRAM FILES\FLICWARE PRO\Sounds\Field.wav), and "Error Sound" (C:\PROGRAM FILES\FLICWARE PRO\Sounds\Invalid.wav). At the bottom of this section are buttons "Previous", "Next", "New", and "Delete", and "Chars to Strip" controls for "Front" and "Back" (both set to 0). At the very bottom are "OK" and "Delete Transaction" buttons.

This top section contains the Transaction Controls, which let you define global parameters for the transaction.

This boxed area contains the Field Controls, which let you adjust the order and type of data to be scanned for each field in the transaction. You can have as many fields as you like for a transaction, and configure each one separately.

Pressing the OK button at the bottom accepts the transaction with the changes you made. Pressing Delete Transaction erases the transaction and takes you back to the main window.

## Transaction Controls

### *Transaction Name*

This is the name you wish to give the transaction. This name will appear in the Transaction Menu as a selection.

# Transaction Definition

## *Window Title*

This field holds the name of the application window to which the scanned data is sent, as keystrokes. You may either enter it by hand, or select it from a drop-down list. This list contains the names of all the windows that are currently open on your PC.

Note that many applications include document names in their window titles. This allows you to define transactions for different documents in that application.

## *Initial Keystrokes*

If you have any keystrokes you want performed before beginning each transaction (for example, tabbing to the appropriate field), you may enter them here. These keystrokes will be executed before the first field is keyed into the application for the transaction.

Enter printable characters without modification. Non-printable characters must be enclosed in braces, for example {TAB} and {ENTER}. For a complete list of non-printable character translations, see page C.16.

## *Transaction Prompt*

You may select an audio prompt (stored as a WAV file) to play at the start of the transaction. For example, you may want to record a prompt that says, "Inventory, ready to receive."

A number of audio prompts are included with your Flicware Pro application. These are accessible in the Sounds subfolder of your Flicware Pro folder (by default, this is My Computer \ C: \ Program Files \ Flicware Pro \ Sounds).

## **Field Controls**

Everything in this boxed area edits the individual fields for a transaction. The label at the top left corner of the box shows you which field of the transaction you are working on.

# Transaction Definition

## *Field Name*

This is simply a label to remind you what the data represent in the field you are editing.

## *Field Mask*

With the field mask, you can have Flicware Pro software check incoming data to ensure that the proper bar codes are being scanned. Flicware Pro software checks the data being sent (before exit keystrokes are added), and compares data against the mask. The data must fit the mask completely. Certain characters have special meaning:

- @ This character matches upper- and lower-case a-z only.
- # This character matches the numeric digits from 0-9.
- ? This character accepts any printable character.
- ~ This is a prefix that indicates that any quantity of the following characters is acceptable (even zero).

All other characters in the mask are treated literally. So, for example, let's assume you want to make sure that the user scans a part number for a given field and all your part numbers begin with "PA" and follow with one or more digits. If you set your field mask to "PA", only scans that are exactly "PA" will be accepted. If you set your field mask to "PA~?", any scan that starts with PA will be accepted, whether it's "PAllowed" or "PA7".

However, you might want to ensure that the user scans a bar code with at least one digit following the "PA". Use "PA#~#", and Flicware Pro software will ensure that at least one digit follows the PA. It may seem that you could use the mask "PA~##", but this will not work. Flicware Pro software scans the field mask from left to right. The application will compare the P and A, then use all the remaining digits to fill the ~# part of the mask. That leaves nothing left over for the final # character in the mask, and the comparison would always fail.

# Transaction Definition

## *Exit Keystrokes*

These keystrokes are added after the scan has been converted into keystrokes. You may wish to use these to navigate the application window before entering the next scan.

Non-printable characters must be enclosed in braces, as in {TAB}. A full list is presented on page C.16.

## *Audio Prompt*

This sound plays when Flicware Pro software is ready for the field to be scanned.

## *Error Sound*

This sound plays when the scanned data do not match the Field Mask.

## *Chars to Strip*

These two options let you set how many characters to strip from the front and/or back of the scanned data. Characters are stripped after the scan is compared to the mask, but before any exit keystrokes are added.

## *The Buttons*

The Previous and Next buttons navigate you through the various fields available for this transaction. The New button creates a new field at the end of the set of fields, while the Delete button deletes the field you are currently editing.

Finally, OK accepts all changes, while Delete Transaction removes the transaction from the menu selections.

# Transaction Definition

## Translating Non-Printable Characters

This list gives you the translations for each non-printable character for use in the Initial Keystrokes and Exit Keystrokes fields.

<u>Key</u>	<u>Translation</u>	<u>Key</u>	<u>Translation</u>
+	{+}	Num Lock	{NUMLOCK}
^	{^}	Page Down	{PGDN}
%	{%}	Page Up	{PGUP}
~	{~}	Print Screen	{PRTSC}
{	{{}	Scroll Lock	{SCROLLLOCK}
}	{}}	Tab	{TAB}
[	{[}	F1	{F1}
]	{]}	F2	{F2}
↓	{DOWN}	F3	{F3}
←	{LEFT}	F4	{F4}
→	{RIGHT}	F5	{F5}
↑	{UP}	F6	{F6}
Backspace	{BS}	F7	{F7}
Break	{BREAK}	F8	{F8}
Caps Lock	{CAPSLOCK}	F9	{F9}
Carriage Return	{ENTER}	F10	{F10}
Del	{DEL}	F11	{F11}
End	{END}	F12	{F12}
Enter	{ENTER}	F13	{F13}
Esc	{ESC}	F14	{F14}
Help	{HELP}	F15	{F15}
Home	{HOME}	F16	{F16}
Insert	{INSERT}		

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