



**AuthenTec, Inc.**  
Personal Security for the Real World™

# Image Capture Application



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## User's Manual

**2108 Rev 1.0**  
**11 SEP 00**



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#### **AuthenTec Image Capture Application** **2108 Rev 1.0 (11 SEP 00)**

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## Introduction

The **ImageCapture** application is a program that can be used by evaluators and developers of the AuthenTec Personal Authentication System (PAS) to capture single images of fingers. Unlike the Data Capture function in the Aware program, which displays a stream of images without regard to their degree of optimization, the Image Capture Application is designed to produce and capture a single, fully-optimized image.

Developers who wish to see and evaluate the image quality that can be delivered by the PAS to a host application using the Application Programming Interface (API) can use this program.

This application simplifies the developer's work by generating the same image output that would be obtained by using one of the native PAS APIs, without having to do any programming.

The **ImageCapture** application uses the features of the Fingerprint Services API to generate the image. However, identical results could also be obtained by using the High Performance API or the Convenience API.

## Starting the Application

The **ImageCapture** application can be started at any time after the AuthenTec software, version 4.0 or higher, has been installed. When installation was complete an icon for the **ImageCapture** program was placed on your desktop - simply double-click this icon to launch the application:



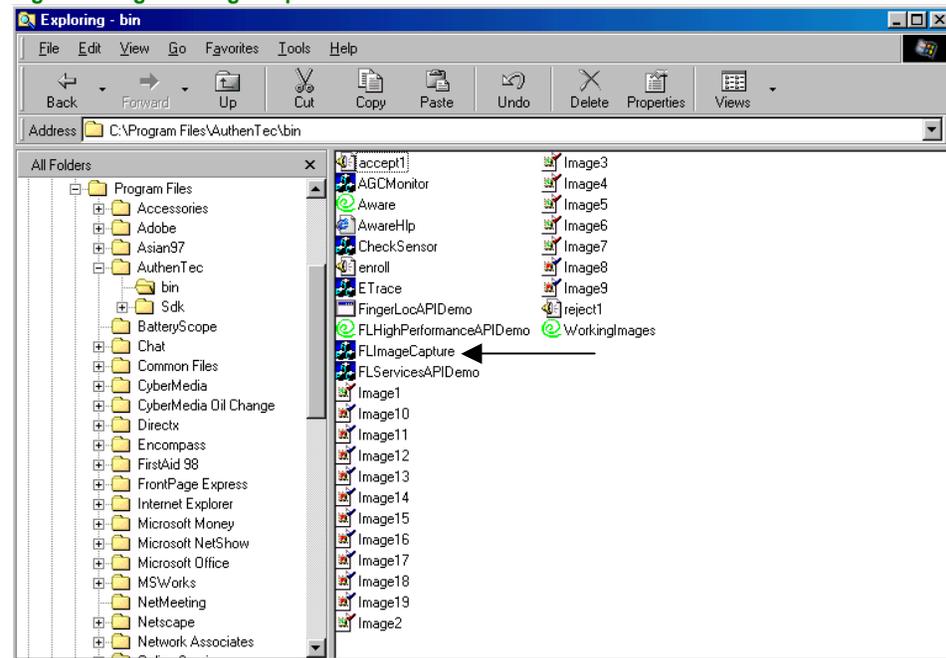
or...

If the AuthenTec software was installed using the default settings, the executable for this application is located in the directory named:

`c:\Program Files\AuthenTec\bin`

The executable is called **FLImageCapture**, as seen in the following illustration:

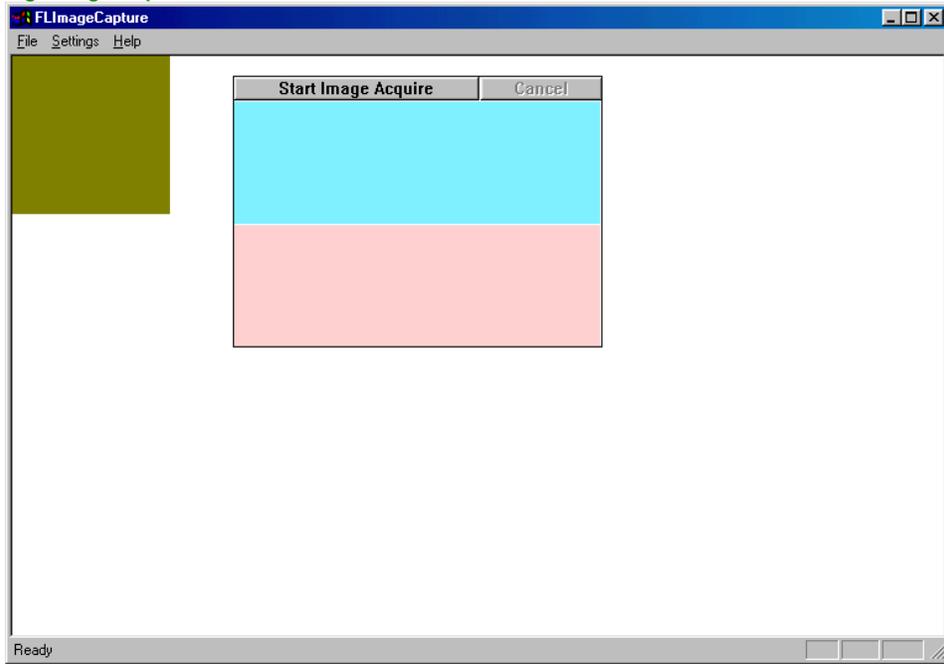
**Fig: Locating the Image Capture Executable**



Simply double-click **FLImageCapture** to launch the application.

The main program screen appears:

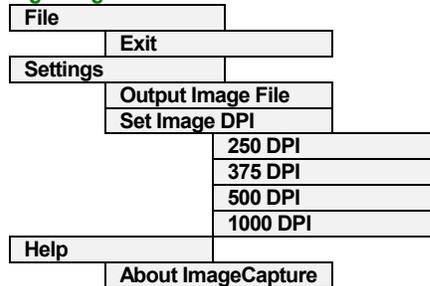
**Fig: Image Capture Main Screen**



## Program Settings

In the menu at the top of the program window, there are three pull-down menus that offer the selections shown in the following illustration:

**Fig: Program Window Menu Selections**

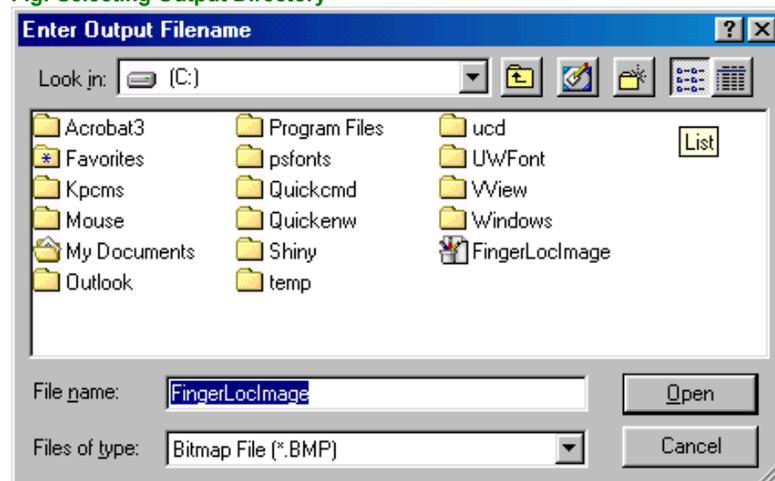


- ◆ **File > Exit** - exits the program
- ◆ **Settings >**
  - ◆ **Output Image File** – this allows the user to change the default filename and location in which images will be saved, as shown below. The program creates a default directory for saving images:

[c:\FLImageCapture Images](#)

but the user can change this to any desired directory.

**Fig: Selecting Output Directory**



**Set Image Dpi** – this changes the resolution of the image that is displayed or saved in the output file. The resolution settings are 250, 375, 500, and 1000 DPI. The raw image output of the sensor is always 250 DPI. The other resolutions are generated by interpolation of the 250 DPI raw image.

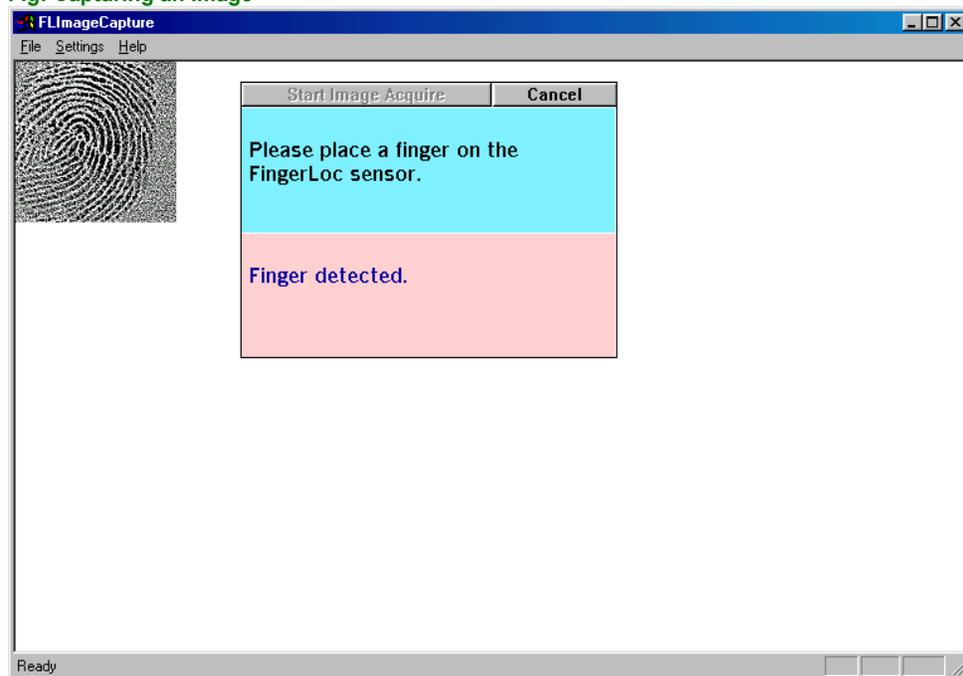
- ◆ **Help** – Reports the version number of the software.

## Capturing Images

To start the image capture process, click the **Start Image Acquire** bar in the main window. Place a finger gently but firmly on the fingerprint sensor.

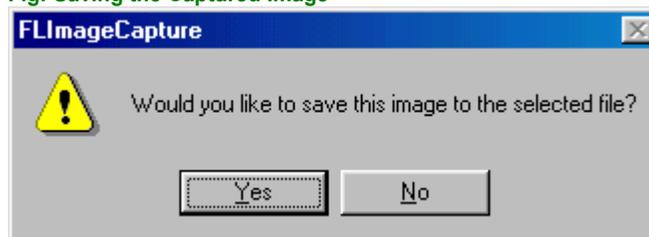
The program performs the optimization necessary to get the best image and displays it in the box at the upper left hand corner of the main window. This process may take a few seconds.

Fig: Capturing an Image



When the image has been fully optimized, the following dialog box appears:

Fig: Saving the Captured Image



If you would like to save the optimized image to the output file, click **Yes**. The image will be saved in Windows BMP file format. Click **No** to abandon this process and exit without effect to the main screen.

The **ImageCapture** operation can be stopped at any time by clicking on the **Cancel** bar at the top of the main window.



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