



**CAUCASIAN**  
Male & Female



**BLACK**  
Male & Female



**LATIN Males**  
dark & light skinned



**ASIAN**  
Male & Female



**HISPANIC**  
Male & Female



**DATABASES EXPANDED FEATURES DATABASES EXPANDED FEATURES**

# COMPUTERIZED

Facial Identification Software

## COMPHOTOFIT® + COLOR II

FOR WINDOWS®

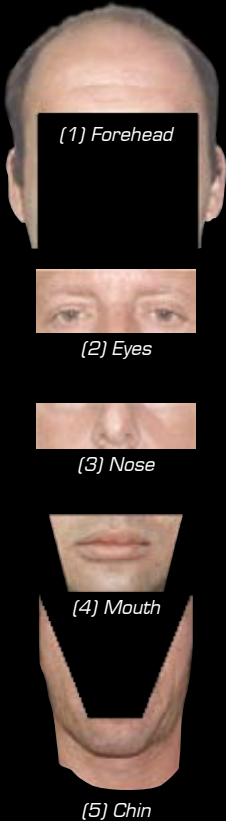


By: **SIRCHIE®**  
FINGER PRINT LABORATORIES, INC.

# Creating Composites that **FIT** the Description...



## 5 MAIN COMPONENTS



- Easily installed on most laptops for maximum portability
- Hundreds of Caucasian/Black Male and Female features included
- On-Screen Candidate Line-Up for easy recall
- Built-In Wanted Poster
- Capture Option lets you create your own database from your mugshot files

## It's Just A **CLICK** Away!



The eyewitness description of a suspect is often the only lead an investigator has to go on. The mental recall of the witness is greater when they have realistic images to choose from. That's why COMPHOTOFIT® + COLOR II is the only computerized facial identification software you will ever need—and much more!

There's a simple reason why this Wanted Poster looks amazingly like a color photograph...

## COMPHOTOFIT® + COLOR II

COMPHOTOFIT® + COLOR II features an extensive database that is comprised of hundreds of features from actual photographs—not artistic renderings. Therefore, your finished composite will be more like a photographic representation of the suspect. Billions and billions of composite combinations are possible! So, regardless of the skill level, very realistic composites bearing a great likeness to the suspect are just a CLICK away.



This user-friendly software will have you producing composites like never before!

**VERSATILITY** Change anything and everything over and over. Try different eyes, noses, mouths, chins and foreheads until it fits the witness description.

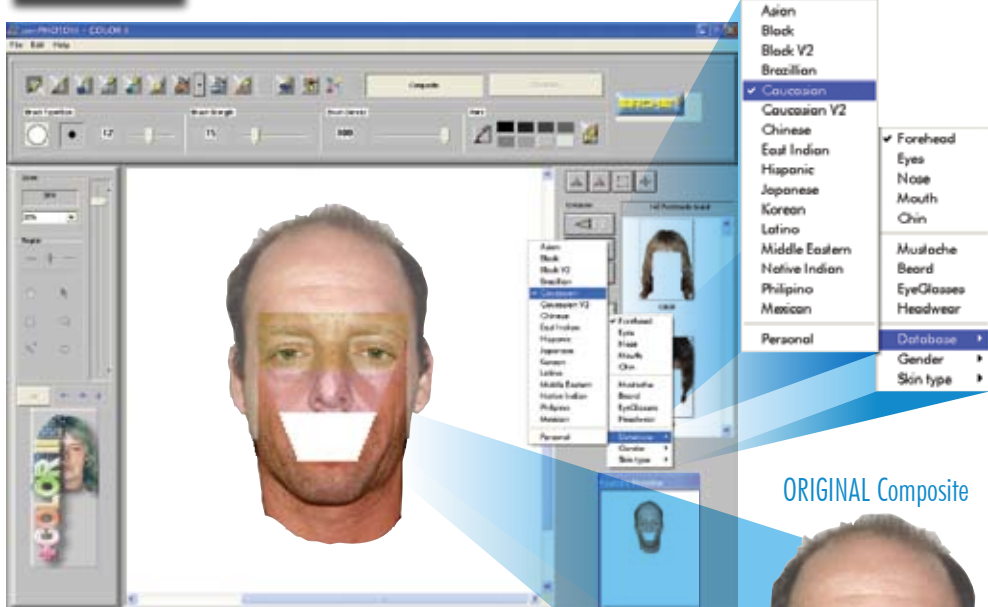
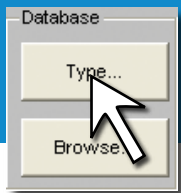
**POP-UP-WINDOWS** let you browse the database and preview features before you ever commit to them.

**PAINT/REGION TOOLS** allow you to alter the image, adjust skin tone, change eye and hair color, and add wrinkles and scars.

**CREATIVE WARP** enables you to add expressions, bumps, bruises and receding hair lines.

**ACCESSORIES** are included...headwear, eyewear, beards, moustaches, etc.

# Making It **EASY** to Build Your Realistic Color Composite



ORIGINAL Composite



Simple blending & tone adjustments were made to finish composite.

## Building A Composite

With the initial database selected, the realistic color composite (shown to the right) was easily created by choosing the forehead, chin, eyes, nose and mouth.

## Selecting Features and Accessories

Changing features and accessories is just a CLICK away.

MOUTH changed



MOUSTACHE added



HAT ACCESSORY



EYES replaced



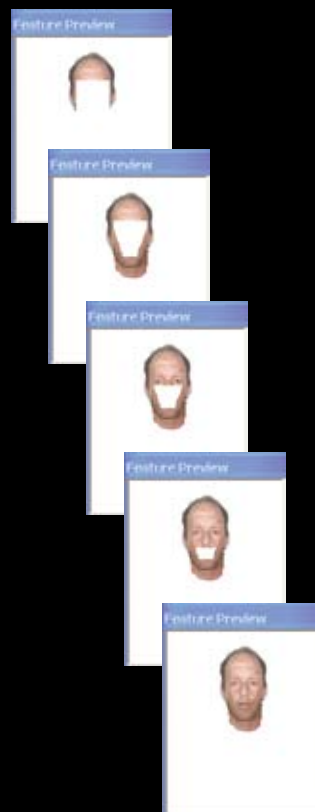
## CANDIDATE GALLERY



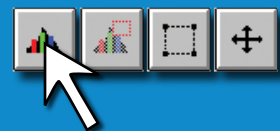
Easy Image Recall

## FEATURE PREVIEW

See the image every step of the way!

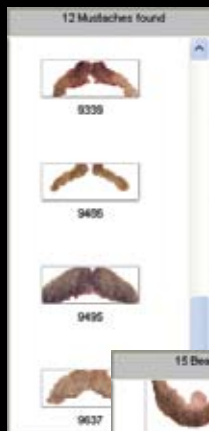


# Altering Feature Components is a mere **CLICK** away!



## ACCESSORY FEATURES

### Moustaches



### Beards



### Eyewear



### Headwear



SKIN TONE wrong



BEFORE



SKIN TONE adjusted

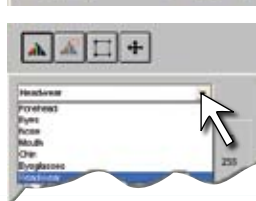


AFTER

CAP COLOR wrong



BEFORE



CAP COLOR changed



AFTER

## Adjusting Colors

Changing skin tones of facial features is easy and precise with the Alter Feature Color dialog box. Even accessories, like the ball cap shown, can be adjusted to another color.



EYES

## Changing the Size and Position of Features

Adjusting the size and position of features and accessories is just a CLICK away. Change the width, height and position of any accessory like sunglasses or facial components like the eyes, nose and mouth shown to the far right.



SUNGLASSES wrong



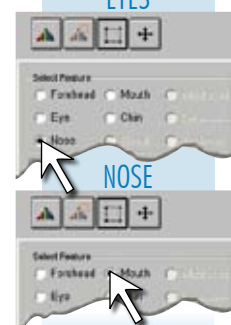
BEFORE



SUNGLASSES adjusted



AFTER



NOSE



and MOUTH re-sized



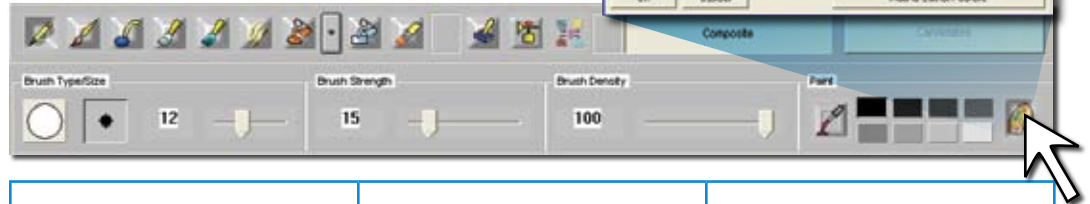
ALTERED

# Ways to CUSTOMIZE Your Composites



## Editing Tools

These editing tools provide a means of manipulating areas of the component images on a pixel by pixel basis. Numerous brush shapes with adjustable density are provided to customize the function of each tool as needed. Through the Color Pallet (shown to the top right), you can add color variations or customize the color you need to create.



### PENCIL

Draw teardrop tattoo and blood-shot eyes.



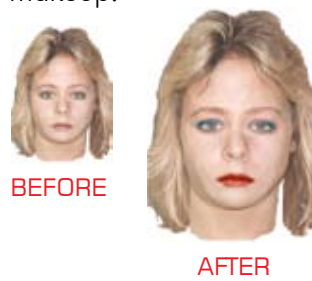
BEFORE

AFTER



### PAINT BRUSH

Apply color to eyelids and lips for makeup.



BEFORE

AFTER



### BLUR PIXELS

Create black eyes and bruises.



BEFORE

AFTER



### BRIGHTEN PIXELS

Lighten beard and moustache.



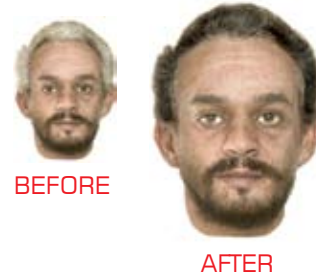
BEFORE

AFTER



### DARKEN PIXELS

Darken hair to match beard.



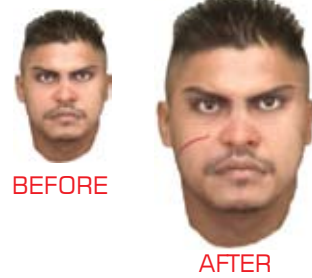
BEFORE

AFTER



### WRINKLE/SCAR

Use to create a prominent scar.



BEFORE

AFTER



### SOLID FILL

Fill lenses of sunglasses with a different color.



BEFORE

AFTER



### FILLED RECTANGLE

Blot-out emblem on baseball cap.



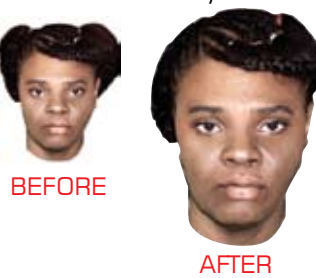
BEFORE

AFTER



### ERASER

Remove hair to simulate a hair cut or different hair style.



BEFORE

AFTER



### CLONE

Create longer hair and extend moustache.



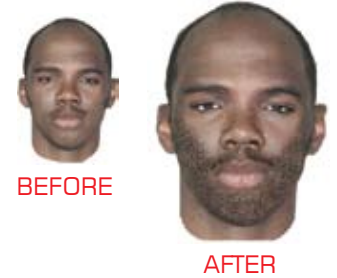
BEFORE

AFTER



### PAINT SPRAYER

Create beard stubble.



BEFORE

AFTER

# Editing Specified Regions with **EASE!**

## ALTER COMPOSITION

### RECTANGULAR REGION

Selected the ears in order to move them higher.



BEFORE



SELECT and MOVE



AFTER

### FREEHAND LASSO

Selected an area of hair to move and change hair style.



SELECT



MOVE



AFTER

## Region Area Tools

The Region Area Tools are used to select or define an area for editing. Create complex shapes to alter color of specified regions without affecting other areas of the composite. You can define areas such as hair, eyes, lips (to simulate lipstick) and glass lenses in order to change their specific color.

Through selection, you can also alter the composition of your image. For instance, define the ears in order to move them higher or lower on the forehead feature. By selecting portions of the hair, a different hair style can be achieved. Editing specific areas of your composite is much easier through the use of Region Area Tools.



## ALTER COLOR of Specified Regions



### ELLIPSE

Selected the eyes to change their color.



### REGION COLOR

Hazel eyes are changed to blue eyes.



### FREEHAND LASSO

Defined the lens area of glasses to color.



### REGION COLOR

Color is applied and eyes are still visible.



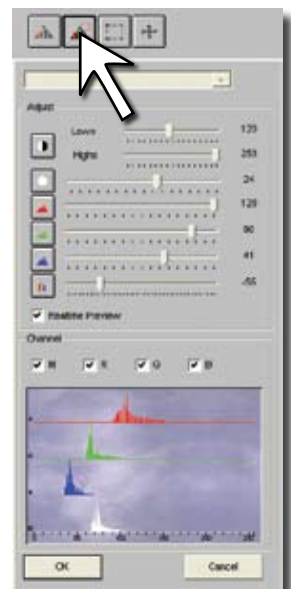
### MAGIC WAND

Selected the hair to change its color.



### REGION COLOR

Dark brown hair made to appear red.



BEFORE



AFTER

# Achieve Special Effects using the Creative **WARTER!**



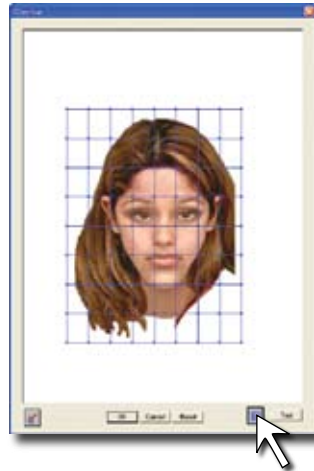
## Creative Warper

The Creative Warper is a special effects option designed to enhance and edit your composites by warping the image. Special effects can be created with the features and accessories with either the Grid Tool or the Nudge Tool.



### GRID TOOL

Use the Grid Tool to make controlled, dramatic changes to the perspective of your image. Easily warp and distort localized regions by dragging the control points on the grid. Greater distortion results from a longer drag distance—the shorter the distance, the more subtle the change. So—widen, narrow, lengthen, shorten and angle any area of the image and even create expressions with the control grid.

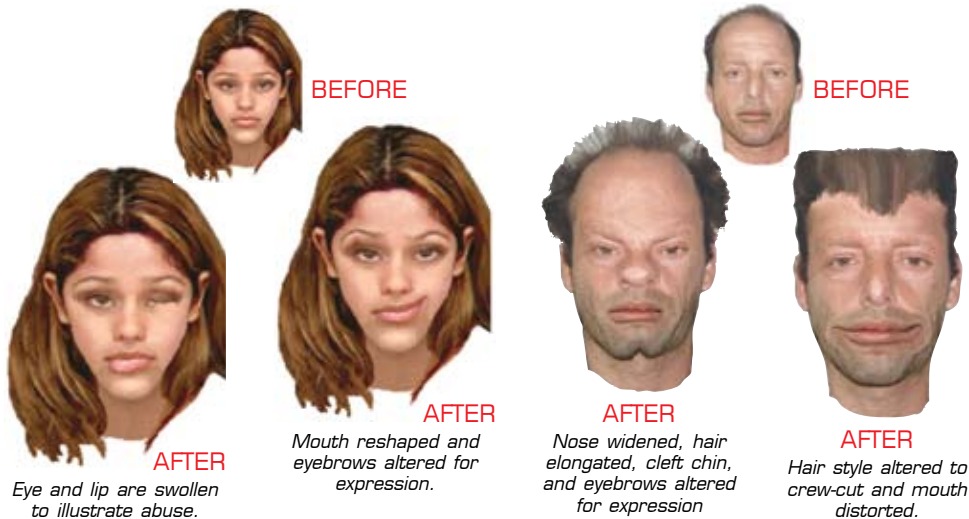


### NUDGE TOOL

Use the Nudge Tool to distort, edit or manipulate specific areas of the features and accessories on your image. By dragging the line of the Nudge Tool, you determine the direction and amount of the change. Easily create effects such as swelling, bumps and receding hairlines or change the appearance of specific features—alter the shape of the ears, flatten and widen a nose, or square-off a pointed chin. The possibilities seem limitless.

## NUDGE DISTORTION

Easily create effects such as swelling, bumps and receding hairlines or change the appearance of specific features by altering their shape.



*Eye and lip are swollen to illustrate abuse.*

*Mouth reshaped and eyebrows altered for expression.*

*Nose widened, hair elongated, cleft chin, and eyebrows altered for expression.*

*Hair style altered to crew-cut and mouth distorted.*

## GRID DISTORTION

Easily warp and distort the image by dragging the grid control points!



BEFORE



*Eyes pinched and chin shortened.*



AFTER

# Capture Features to **CREATE** Your Own Database!

## REMOVE UNWANTED BACKGROUNDS

Easily create non-prejudicial lineups by removing backgrounds, tattoos, scars, glasses etc.



**BEFORE**



**AFTER**

## UPDATE OLD PHOTOS

Old suspect photos and criminal mugshots can be updated by capturing the full face, changing the appearance and adding disguises, etc.



Removed Glasses



Removed Beard & Glasses



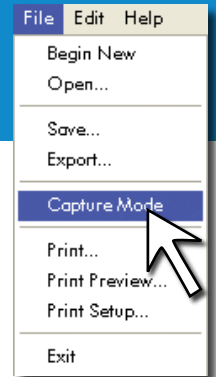
Added Hat & Sunglasses



Aged with disguise

## The Capture Feature

Use the Capture Feature to create a database using your agency's mugshot images (negatives, slides, prints or digital pictures). Using a film or flatbed scanner with Twain-compliant software, import them into COMPHOTOFIT® + COLOR II or directly load BMP, TGA, TIF, JPEG or PCX images into the capture window.



## Feature Extraction

Once you've imported the image, you can capture any or all of the features and accessories from it to create your own personalized composite database. You can create a non-prejudicial lineup by removing backgrounds, tattoos, scars, glasses, etc.

**FEATURE TYPE**  
Specify feature to be captured.

- Forehead
- Eyes
- Nose
- Mouth
- Chin
- Mustache
- Beard
- Eyeglasses
- Headwear
- Full face

**SKIN TYPE/GENDER**  
Specify race and sex of features to be captured.

**FEATURE COMPATIBILITY**  
Captured features are automatically sized for compatibility with composite images.

**EDIT FEATURES**  
Lets you manipulate captured features to remove glasses, scars, tattoos, etc. prior to saving them to the database.

**ON-SCREEN GUIDES**  
Make capturing specified features easy.

**FEATURE PREVIEW**  
Lets you see the feature captured prior to saving it to your database.

# Print Your Finished Composite

Create a Poster...

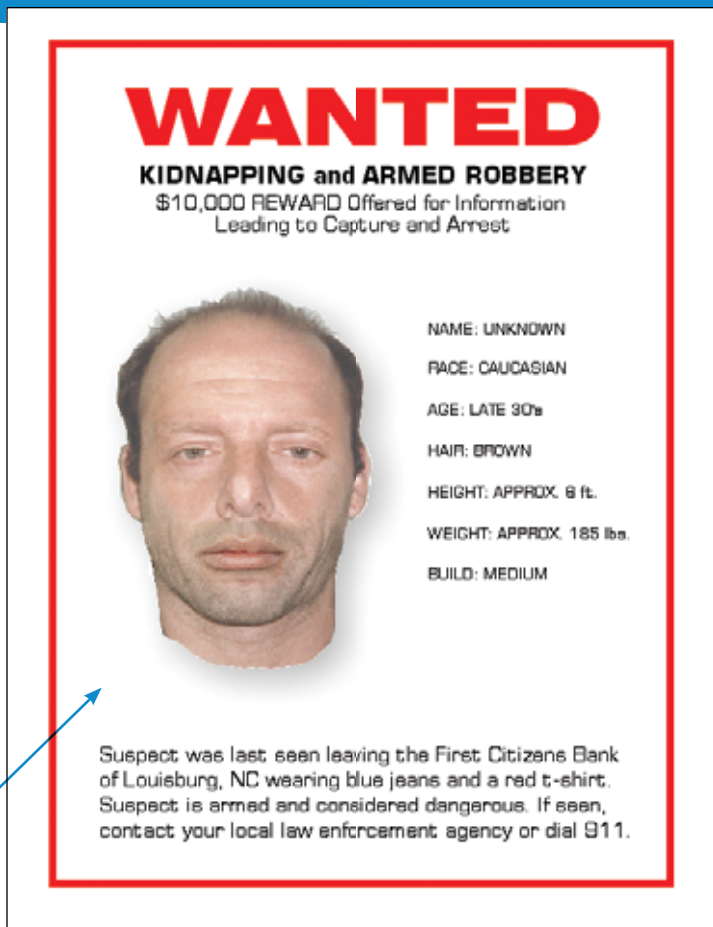
# as a **WANTED POSTER!**

## Creating A Wanted Poster

This is a powerful vector-graphics drawing function that allows you to design and print Wanted Posters without ever leaving the program! Everything you need to create graphics, illustrations and text is provided. You can even import graphics from BMP, TGA, TIF, and JPEG file formats.

You have complete flexibility and control over both text and graphics!

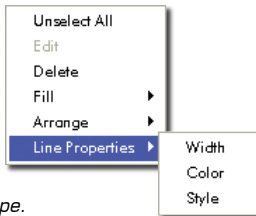
The flexibility of this feature lets you control the placement, size and color of graphics and text. Plus, as a time saving feature, create your own CWP (COMPHOTOFIT® Wanted Poster) Template for later use. By saving your poster in this manner, you only have to edit the text next time!



### EDITING TEXT

Supports all TrueType fonts which can be edited and colored as desired.

**DRAWING TOOLS**  
Stretch and size text and graphics to your specifications.



**BORDERS**  
Draw borders with your choice of style, line width, color and shape.



### PLACEMENT

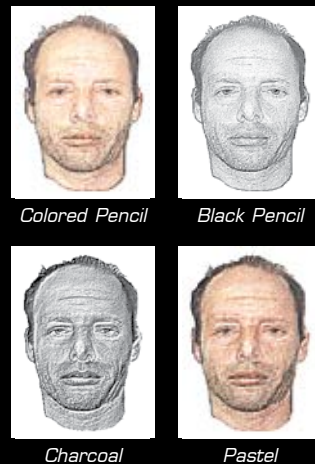
Allows complete flexibility in placing text/graphics.

**TEXT and GRAPHICS**  
Stretch and size text and graphics to your specifications.



## ARTISTIC EFFECTS

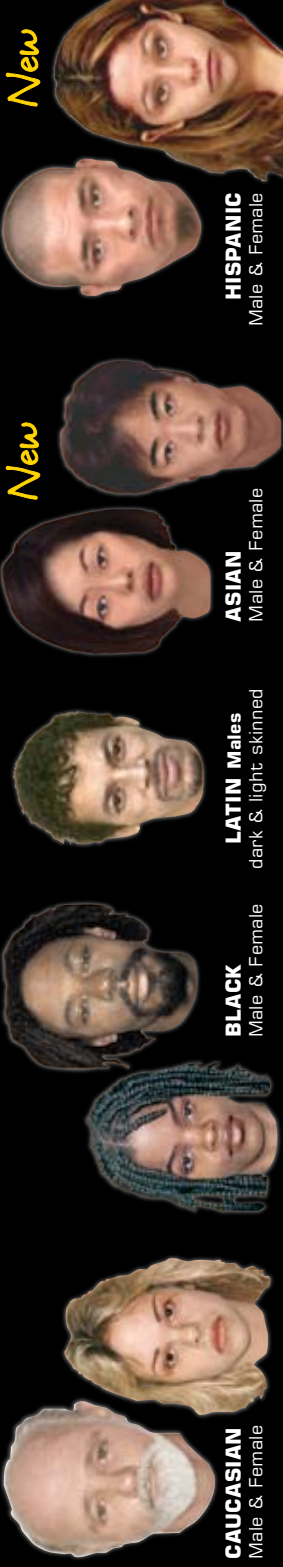
Place a shadow under your image as done above or use an effect shown below.



# The Many Faces

New

New



**HISPANIC**  
Male & Female

**ASIAN**  
Male & Female

**LATIN Males**  
dark & light skinned

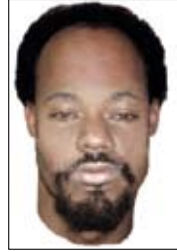
**BLACK**  
Male & Female

**CAUCASIAN**  
Male & Female

DATABASES **EXPANDED** FEATURES DATABASES **EXPANDED** FEATURES



Caucasian



Black



Latino



Asian



Hispanic



Caucasian



Hispanic



Black



Black



Caucasian



Asian



Asian



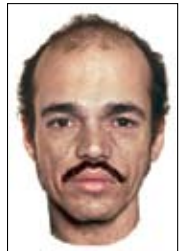
Hispanic



Caucasian



Latino



Latino



Latino



Asian



Black



Hispanic



Black



Hispanic



Black



Caucasian



Asian

# of COMPHOTOFIT®



Hispanic



Latino



Asian



Black



Caucasian



Latino



Caucasian



Asian



Hispanic



Black



Latino



Caucasian



Hispanic



Asian



Caucasian



Black



Hispanic



Caucasian



Latino



Black



Latino



Asian



Caucasian



Hispanic



Caucasian

DATABASES **EXPANDED** FEATURES DATABASES **EXPANDED** FEATURES



CAUCASIAN  
Male & Female



BLACK  
Male & Female



LATIN Males  
dark & light skinned



ASIAN  
Male & Female



New



HISPANIC  
Male & Female



New

# Features/Operating Requirements

the **SIRCHIE**® group  
 P.O. Box 639  
 Youngsville, North Carolina 27596

## FEATURES:

- Create 24-bit color or grayscale images
- Easily installs on most laptops with Windows® for maximum portability
- Utilizes actual photographic components
- Hundreds of Caucasian/Black Male and Female features included
- Accessories are included...headwear, eyewear, beards, moustaches, etc.
- On-Screen Candidate Line-Up for easy recall
- Built-In Wanted Poster
- Alter images, adjust skin tones, and add wrinkles or scars with paint tools
- Vary brush size, strength and density. Create special effects: beard stubble, scars, black-eyes and more!
- Capture Option lets you create your own database from your mugshot files

## REQUIREMENTS:

- PROCESSOR: Intel® Pentium® II or compatible, 333 MHz or greater
- VIDEO DISPLAY: SVGA monitor; SVGA card capable or 64K colors @ 1024 x 768 pixel screen resolution
- OPERATING SYSTEM: MS Windows®
- MEMORY: 128MB
- CD-ROM Reader
- MOUSE: Microsoft® mouse or compatible
- PRINTER: Any Windows® supported graphics printer

## SPECIAL INCENTIVES:

Special incentives are available for those departments replacing their existing composite software or upgrading from any COMPHOTOFIT® program.

U.S. PATENT NO. 5,057,019

CAT. NO.	DESCRIPTION	PRICE
CCPLS1000L	COMPHOTOFIT® + COLOR II for Windows®	\$2,995.00
CCPLS3000L	COMPHOTOFIT® + COLOR II w/Capture Option	\$3,990.00
CCID200	Latin American Male Database	\$895.00
CCID300	Hispanic Male & Female Features Database	\$1,295.00
CCID400	Asian Male & Female Features Database	\$1,295.00
CCPLS3000XL	Extra Site License	\$495.00
CCPLS3000TRG	COMPHOTOFIT® On-Site Training	Call for Price

PRSR STD  
 US POSTAGE  
 PAID  
 YOUNGVILLE, NC  
 PERMIT NO. 4

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