CRYPTICON

USER MANUAL

PLEASE NOTE: SOME PHOTO EDITING METHODS CAN CAUSE ENCRYTED BITS TO BECOME VISIBLE TO OTHERS

[Take into account when using CRYPTICON to edit already-encrypted images that editing tools such as “Black/White” and “Colorize” may cause encrypted bits in your image to become visible. Check your edited images for out of place strips of altered color. (CRYPTICON is coded such that this is not an issue for images in the process of being encoded, only those with already flipped bits.)]

**OPENING CRYPTICON**

STEP-BY-STEP [USING SOURCE CODE, JAVA EDITING ENVT.]

1. From a Java editing program, click to open a file
2. From the main “CRYPTICON – Steganography Program” folder, navigate to the “Code” folder
3. Select “Driver.java”, and load it to the editing environment
4. In the editing program, click to run the file

STEP-BY-STEP [USING SOURCE CODE, WINDOWS CMD]

1. From “C:”, cd to “CRYPTICON – Steganography Program”
2. Type “cd Code” [enter]
3. Type “java Driver” [enter]

STEP-BY-STEP [USING JAR FILE, WINDOWS FILE EXPLORER]

1. From the main “CRYPTICON – Steganography Program”, double click “CRYPTICON.jar”

**USING CRYPTICON**

OPENING A FILE

BASIC INSTRUCTIONS

PHOTO-EDITING EFFECTS

CRYPTICON RESOURCES

Notes from James to Susanna:

Mention the fact that they should watch memory usage. When colorizing giraffe.png 100 times, my memory usage shot up only to decrease when the program was closed. Loading another image did NOT release used memory. I can try to fix this, but it may be a lost cause.

Every effect applied to giraffe.png resulted in ~.03 more gigs of memory used.

Also, you told me to remind you to add advice saying that, if an image is pretty much a solid color, watch out encoding and applying filters like “Black and White” as it may expose the encoding.