

Sheet1

Test #	Project	Test Procedure	Parameters	Expected Outcome	Actual Outcome	Pass / Fail
S-1	stego	Parse a PNG data image into a PNG carrier	-m stego -c ./large_rgb_wallpaper.png -d small_rgb_logo.png	Image is parsed into the carrier with no issues and no encryption. Output file is default named to the carrier	Image is parsed into the carrier with no issues and no encryption. Output file is default named to the carrier	PASS
S-2	stego	Parse a PNG data image into a PNG carrier with encryption	-m stego -c ./large_rgb_wallpaper.png -d small_rgb_logo.png -e 30	Image is parsed into the carrier with no issues and with encryption. Output file is default named to the carrier	Image is parsed into the carrier with no issues and with encryption. Output file is default named to the carrier	PASS
S-3	stego	Parse a PNG data image into a PNG carrier specifying output file name	-m stego -c ./large_rgb_wallpaper.png -d small_rgb_logo.png -o stego.png	Image is parsed into the carrier with no issues and no encryption. Output file is named as the parameter	Image is parsed into the carrier with no issues and no encryption. Output file is named as the parameter	PASS
S-4	stego	Parse a PNG data image into a PNG carrier with encryption and specifying output file name	-m stego -c ./large_rgb_wallpaper.png -d small_rgb_logo.png -e 30 -o stego.png	Image is parsed into the carrier with no issues and with encryption. Output file is default named as the parameter	Image is parsed into the carrier with no issues and with encryption. Output file is default named as the parameter	PASS
US-1	stego	Parse a PNG data image out of a PNG carrier	-m unstego -c ./large_rgb_wallpaper.png	Image is parsed out of the carrier with no issues and no encryption. Output file is named to the original image	Image is parsed out of the carrier with no issues and no encryption. Output file is named to the original image	PASS
US-2	stego	Parse a PNG data image out of a PNG carrier with encryption	-m unstego -c ./large_rgb_wallpaper.png -e 30	Image is parsed out of the carrier with no issues and with encryption. Output file is named to the original image	Image is parsed out of the carrier with no issues and with encryption. Output file is named to the original image	PASS

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US-3	stego	Parse a PNG data image out of a PNG carrier with encryption using execute program with no parameters	-m unstego -c ./larg_rgb_wallpaper.png -e 15	Image is parsed out of the carrier is off colored. Output file is named to the original image	Image is parsed out of the carrier is off colored. Output file is named to the original image	PASS
G-1	stego	Execute program with help flag	--HELP	Help information is presented	Help information is presented	PASS
G-2	stego	Execute program with carrier that is too small for data image	-m stego -d ./imgs/large_rgb_wallpaper.png -c ./imgs/small_rgb_logo.png	Error is presented to user of size conflict and the program terminates	Error is presented to user of size conflict and the program terminates	PASS
SB-1	stego	Parse a BMP data image into a BMP carrier	-m stego -c ../imgs/mountain_train_medium.bmp -d ../imgs/lena.bmp	Image is parsed into the carrier with no issues and no encryption. Output file is default named to the carrier	Image is parsed into the carrier with no issues and no encryption. Output file is default named to the carrier	PASS
SB-2	stego	Parse a BMP data image into a BMP carrier with encryption	-m stego -c ../imgs/mountain_train_medium.bmp -d ../imgs/lena.bmp -e 30	Image is parsed into the carrier with no issues and with encryption. Output file is default named to the carrier	Image is parsed into the carrier with no issues and with encryption. Output file is default named to the carrier	PASS
SB-3	stego	Parse a BMP data image into a BMP carrier specifying output file name	-m stego -c ../imgs/mountain_train_medium.bmp -d ../imgs/lena.bmp -o stego.bmp	Image is parsed into the carrier with no issues and no encryption. Output file is named as the parameter	Image is parsed into the carrier with no issues and no encryption. Output file is named as the parameter	PASS
SB-4	stego	Parse a BMP data image into a BMP carrier with encryption and specifying output file name	-m stego -c ../imgs/mountain_train_medium.bmp -d ../imgs/lena.bmp -o stego.bmp -e 30	Image is parsed into the carrier with no issues and with encryption. Output file is default named as the parameter	Image is parsed into the carrier with no issues and with encryption. Output file is default named as the parameter	PASS

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USB-1 stego	Parse a BMP data image out of a BMP carrier	-m unstego -c ./mountain_train_medium.png	Image is parsed out of the carrier with no issues and no encryption. Output file is named to the original image	Image is parsed out of the carrier with no issues and no encryption. Output file is named to the original image	PASS
USB-2 stego	Parse a BMP data image out of a BMP carrier with encryption	-m unstego -c ./mountain_train_medium.png -e 30	Image is parsed out of the carrier with no issues and with encryption. Output file is named to the original image	Image is parsed out of the carrier with no issues and with encryption. Output file is named to the original image	PASS
USB-3 stego	Parse a BMP data image out of a BMP carrier with encryption using incorred offset	-m unstego -c ./mountain_train_medium.png -e 15	Image is parsed out of the carrier is off colored. Output file is named to the original image	Image is parsed out of the carrier is looks identical due to black and white image. Can't properly tell if off worked. Output file is named to the original image	ACCEPTED