



iLook v2.2.7

Test Results for Graphic File Carving Tool

July 16, 2014



**Homeland
Security**

Science and Technology

This report was prepared for the Department of Homeland Security Science and Technology Directorate Cyber Security Division by the Office of Law Enforcement Standards of the National Institute of Standards and Technology.

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Introduction

The Computer Forensics Tool Testing (CFTT) program is a joint project of the Department of Homeland Security (DHS), the National Institute of Justice (NIJ), and the National Institute of Standards and Technology Law Enforcement Standards Office (OLEs) and Information Technology Laboratory (ITL). CFTT is supported by other organizations, including the Federal Bureau of Investigation, the U.S. Department of Defense Cyber Crime Center, U.S. Internal Revenue Service Criminal Investigation Division Electronic Crimes Program, and the U.S. Department of Homeland Security's Bureau of Immigration and Customs Enforcement, U.S. Customs and Border Protection and U.S. Secret Service. The objective of the CFTT program is to provide measurable assurance to practitioners, researchers, and other applicable users that the tools used in computer forensics investigations provide accurate results. Accomplishing this requires the development of specifications and test methods for computer forensics tools and subsequent testing of specific tools against those specifications.

Test results provide the information necessary for developers to improve tools, users to make informed choices, and the legal community and others to understand the tools' capabilities. The CFTT approach to testing computer forensics tools is based on well-recognized methodologies for conformance and quality testing. Interested parties in the computer forensics community can review and comment on the specifications and test methods posted on the CFTT Web site (<http://www.cftt.nist.gov/>).

This document reports the results from testing iLook version 2.2.7 against raw disembodied "dd" images that contain various layouts of fragmentation and completeness. The "dd" images are available at the CFREDS Web site (<http://www.cfreds.nist.gov/>).

Test results from other tools can be found on the DHS S&T-sponsored digital forensics web page, <http://www.cyberfetch.org/>.

How to Read This Report

Section 1 in this report identifies and provides a summary of the test results for iLook v2.2.7. This section is sufficient for most readers to assess the suitability of the tool for the intended use. To download a zip file containing data returned for each test case for iLook v2.2.7 runs, see <http://www.cftt.nist.gov/CFTT-Test-Run-Raw-Files-v3.html>.

Test Results for Graphic File Carving Tool

Tool Tested: iLook
Software Version: v2.2.7

Supplier: Perlustro LP

Address: PO Box 486
Belden MS 38826

Tel: 901-202-5207

Email: contact@perlustro.com
WWW: <https://www.perlustro.com>

1 Results Summary

Below summarizes how iLook v2.2.7 performed when carving raw disembodied “dd” images containing various layouts of fragmentation and completeness.

The specific build of iLook v2.2.7 does not fully support file carving. Please refer to the iLook website (<https://www.perlustro.com>) for further updates.