



**Multimedia Section**

**Approved Software**

**Digital and Multimedia Evidence** Division



## **1. APPROVED SOFTWARE FOR MULTIMEDIA SECTION**

### **1.1. Purpose**

1.1.1. This section describes software currently approved for use in computer, mobile forensic examinations, audio/video analysis, and DVR analysis by the Multimedia Section.

### **1.2. Scope**

This section serves as a reference to denote forensic, interpretive, and administrative software utilized in casework by analysts in the Multimedia Section. Some forensic software is capable of both forensic imaging and examination/interpretation. The forensic imaging functionality of the forensic software must be performance checked prior to being placed into service. Examination software is considered analytical and/or interpretive and does not require performance checks.

### **1.3. Forensic Software**

1.3.1. Multimedia Section analysts may be authorized to utilize one or more of the following forensic software, dependent upon their individual authorization memos:

#### **1.3.2. Imaging**

- Guidance EnCase/EnCase Imager
- Access Data FTK Imager
- EnCase Linen
- BlackBag MacQuisition
- Sumuri Paladin Forensic Suite
- Magnet Axiom (Acquire)

#### **1.3.3. Wiping**

- EnCase

#### **1.3.4. Write-blocking**

- EnCase Fast Bloc SE

#### **1.3.5. Mobile Device Extraction**

- Cellebrite UFED4PC
- AccessData MPE
- Guidance EnCase
- Katana Forensics Lantern
- MSAB XRY
- BlackBag BlackLight
- Magnet Axiom (Acquire)
- Cellebrite UFED Physical Analyzer
- Cellebrite UFED Premium
- Grayshift GrayKey



#### 1.3.6. Vehicle Infotainment Extraction

- Berla iVe

1.3.7. **Examination/Interpretive Software** – Multimedia Section analysts may utilize one or more of the following examination/interpretive software. This list is not meant to be exhaustive nor all inclusive:

- Guidance Software EnCase
- AccessData FTK
- AccessData FTK Imager
- Magnet Internet Evidence Finder (IEF)
- Magnet Axiom
- Sumuri Paladin Forensic Suite
- BlackBag BlackLight
- Cellebrite UFED Physical Analyzer
- Oxygen Forensic Suite
- MSAB XRY
- Basis Technology Autopsy

#### 1.3.8. Video Analysis Software

- Amped FIVE
- iNPUT-ACE
- Video FOCUS
- Adobe Photoshop
- Adobe Premiere Pro
- Video Concatenator
- Camtasia

#### 1.3.9. Audio Analysis Software

- iZotope RX
- Adobe Audition
- Audacity

#### 1.3.10. DVR Analysis Software

- DVR Examiner

### 1.4. File Viewers

1.4.1. Multimedia Section analysts are free to utilize 3<sup>rd</sup> party file viewers that are necessary to examine and represent the file examined in an intelligible format. Successful results are self-evident.

1.4.2. It is recognized that numerous products exist that replicate capabilities to view assorted file types. For example, MS Windows has picture viewing software that displays .jpg files. IrfanView also properly displays .jpg images. There are numerous freeware and commercial software that accurately displays file content of various types. The specific



file viewer utilized by the analyst is at the analyst's discretion, as long as the software utilized does not violate licensing or copyrights.

### **1.5. Administrative Software**

1.5.1. Software used by Multimedia Section analysts for administrative purposes can include, but are not limited to:

- text editors
- word processors
- spreadsheet tools
- portable document format (PDF) tools
- presentation software
- QuickHash
- MediaInfo
- GSpot
- Karen's Directory Printer
- Snagit