DIGITAL FORENSICS

The use of digital devices in everyday life continues to increase as people integrate technology into their lives. It is estimated that as of 2010, there were over 5 billion cellular phone subscribers worldwide. In addition, new consumer devices continue to be introduced, including tablet computers, wi-fi readers and media players, as well as internet capable automobiles and appliances.

This prevalence of electronic devices in society is matched by a growing presence of evidence gathered from digital devices in criminal cases. Current research suggests cell phones and their potential evidence may be found in over 50% of all violent crimes and an even larger percentage in drug crimes in some jurisdictions. The proper investigation and preservation of this evidence and the maintenance of its integrity is vital to making cases that stand up to judicial challenges.

Like other evidence, there must be a protocol to establish how digital data is documented, collected, and preserved. Special tools must be utilized to extract information from the device on which it is stored without compromising its integrity. In addition, electronic evidence, like other evidence found at the scene, will usually require review by an expert, so care must be taken to capture the information and package the device properly so the digital examiner has the highest probability of gathering all of the potential evidence present.

It is the job of the first responder to review the crime scene for electronic devices and determine how each device should be processed. SIRCHIE® is proud to offer high quality digital forensics solutions that will aid investigations from the crime scene to the courtroom, including methods to extract information from various electronic devices, as well as packaging to insure the safe transport of the device to the digital examiner.

Noting that digital devices may contain latent, trace, or biological evidence, the investigator should thoroughly document and preserve this potential evidence for processing before the digital evidence imaging has been done. Please see our evidence collection and latent print sections of this catalog for the right tools.

VEHICLE SOLUTIONS!

Sirchie has developed a specially designed Mobile Computer/Cyber Crimes Investigation Vehicle.

For more information see the Vehicle Section of this catalog or visit our website at www.sirchie.com
STRONGHOLD REUSABLE BAG FEATURES:
- Unique design that prevents data cables from acting as signal conduits
- Each StrongHold Bag comes with a clear evidence bag to allow for proper evidence handling.
- The bags come in 2 sizes: 10” x 7” for cell phones and 13” x 9” for tablets/netbooks/notebooks.

STRONGHOLD ELECTRONIC INTEGRITY EVIDENCE STORAGE BAGS (REUSABLE)
The StrongHold Bag (Patented*) is the perfect evidence bag for any type of wireless device. First responders can use this bag to ensure proper wireless procedures are kept and that the evidence is protected from potential case killers - after seizure wireless communications.

These bags provide the highest level of faraday protection available. The special tri-weave material used in the StrongHold Bag is made of a Nickel, Copper, and Silver Plated Nylon, plain woven fabric. This fabric is key in preventing unwanted signals from corrupting or erasing vital evidence.

<table>
<thead>
<tr>
<th>CATALOG NO.</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
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<tbody>
<tr>
<td>FBAGR10</td>
<td>10” x 7” Reusable Stronghold Evidence Storage Bags, 1 ea.</td>
<td>$39.95</td>
</tr>
<tr>
<td>FBAGR13</td>
<td>13” x 9” Reusable Stronghold Evidence Storage Bags, 1 ea.</td>
<td>$99.00</td>
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</tbody>
</table>

ELECTROSTATIC DISSIPATION (ESD) BAGS AND FOAM WRAP
Electronic devices such as phones and tablets, storage media like discs and SD cards, and PC’s may contain a wealth of information. Protect the information they contain from exposure to damaging static electricity and electrostatic impulses with ESD bags from Sirchie®. The new 18” x 24” size is large enough for laptop computers.

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<tbody>
<tr>
<td>ESD0406</td>
<td>Electrostatic Dissipation Bags, 4” x 6” (10.2cm x 15.2cm), 100 each</td>
<td>$22.95</td>
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<tr>
<td>ESD0608</td>
<td>Electrostatic Dissipation Bags, 6” x 8” (15.2cm x 20.3cm), 100 each</td>
<td>$34.95</td>
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<tr>
<td>ESD0810</td>
<td>Electrostatic Dissipation Bags, 8” x 10” (20.3cm x 25.4cm), 100 each</td>
<td>$49.95</td>
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<tr>
<td>ESD1012</td>
<td>Electrostatic Dissipation Bags, 10” x 12” (25.4cm x 30.5cm), 50 each</td>
<td>$34.95</td>
</tr>
<tr>
<td>ESD1824</td>
<td>Electrostatic Dissipation Bags, 18” x 24” (45.7cm x 61cm), 50 each</td>
<td>$99.95</td>
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<tr>
<td>ESDF24</td>
<td>Electrostatic Dissipation Foam Wrap, 24” wide x 25’ (61cm x 7.6m), 1 roll</td>
<td>$19.95</td>
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</table>

Electrostatic bags come in five sizes for various types of electronics, from cell phones to hard drives. For larger devices, such as a desktop computer or server, use ESD Foam Wrap.
**BLACK HOLE FARADAY BAGS (WITH WINDOW)**

Black Hole Faraday bags are manufactured with the ISOTech shielding system and materials with windows to offer clear previews of evidence while maintaining a high level of shielding. These bags include protective outer layers to keep shielding material from being exposed and come in three sizes.

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<tr>
<td>FBW10</td>
<td>Black Hole Faraday Bag w/Window, Standard, 7.5” x 4.25”</td>
<td>$58.00</td>
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<tr>
<td>FBW20</td>
<td>Black Hole Faraday Bag w/Window, Large, 11” x 7.8”</td>
<td>$95.00</td>
</tr>
<tr>
<td>FBW30</td>
<td>Black Hole Faraday Bag w/Window, XL, 17.25” x 13.75”</td>
<td>$195.00</td>
</tr>
<tr>
<td>FBW40</td>
<td>Black Hole Faraday Bag Kit, (1 each: Standard, Large, XL)</td>
<td>$325.00</td>
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**BLACK HOLE DATA BAG KIT**

The Black Hole Data Bag Kit has an integral shielded, electronically filtered USB 2.0 connection that allows for charging, data transfer, and analysis of devices without compromising shielding. The kit includes the Data Bag, a separate faraday bag for transport, and a device cradle that allows use of capacitive touch screen devices inside the data bag.

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<tbody>
<tr>
<td>FDBK</td>
<td>Black Hole Data Bag Kit</td>
<td>$495.00</td>
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**TABLETOP STRONGHOLD TENT**

This lightweight, portable solution uses the same Stronghold technology and material as the Reusable StrongHold bags and is perfect for performing forensic examinations on active wireless devices. The tent comes with a wireless StrongHold bag to keep your digital evidence secure until you’re ready to examine it. Place your investigation laptop and the evidence inside the tent, insert your arms securely into the faraday sleeves, remove your evidence from the included bag and connect it to your investigation laptop for secure examination.

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<tr>
<td>FTENT20</td>
<td>Tabletop StrongHold Tent</td>
<td>$795.00</td>
</tr>
<tr>
<td>FTENT22</td>
<td>Tabletop StrongHold Tent w/shielded USB 2.0</td>
<td>$995.00</td>
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</table>
**Digital Forensics**

**Digital Mobile Seizure Kit**
The Mobile Seizure Kit is a comprehensive collection system for wireless devices that allows for proper evidence handling with full Faraday protection for any wireless transmitting device. Designed for ease of use and to protect the integrity of your evidence, this kit is essential for investigators in the field.

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<tr>
<td>DMSK</td>
<td>Digital Mobile Seizure Kit</td>
<td>$369.95</td>
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**Digital Device Review Kit**
The Digital Device Review Kit allows you to conduct mobile triage and contains everything you need to be able to forensically process over 4,000 mobile devices on scene and extract in a forensically sound manner any data associated with those devices.

**DS & DDS System Requirements**
- Processor: 1.4GHz+
- RAM: 1 GB
- Hard Drive Space: 200 MB

Get more information from more devices. Depending on the model, DS or DDS can acquire the following data:
- SMS History (Text Messages)
- Phonebook (both stored in the memory of the phone and on the SIM card)
- Call History
  - Received Calls
  - Dialed Numbers
  - Missed Calls
  - Call Dates & Durations
- Datebook
- Calendar
- To-Do List
- Filesystem
  - System Files
  - Multimedia Files (Images, Videos, etc.)
  - Java Files
  - Quicknotes
  - More...
- PDA Databases
- E-mail

**DDRK and DDRK1 Contents:**
1. Tablet PC (DDRK1 only)
2. FBAGR10 Reusable StrongHold® Evidence Storage Bag for handheld devices
3. FBAGR13 Reusable StrongHold® Evidence Storage Bag for PC
1. Remote Charger (Battery operated charger with tips for different devices to allow handheld devices to remain charged until acquisition)
1. DS-Device Seizure software application (integrated on tablet PC)
1. Mobile Cable Kit with carry bag
1. One year subscription for both DS and DDS software licenses
10. ESD0406 4" x 6" Electrostatic Dissipation Bags
10. IEB9120 9" x 12" Integrity Evidence Bags
1. DDKPC Black Nylon Carry Bag

**Device Seizure (DS)**- acquire and analyze data from over 4,000 mobile phones, PDAs and GPS devices including iPhones. It is delivered in a MS Windows format.

**Deployable Device Seizure (DDS)** is a version of Device Seizure designed for use in the field. It is integrated into a tablet PC and delivered in a touch screen format. It can also be provided for installation on any Windows laptop, or tablet.

Both software packages are advanced forensic acquisition and analysis tools. Don't settle for half the data. Most commercial cell phone forensic software only retrieves logical data files. That's like doing an investigation on half a crime scene. If a tool doesn't have advanced analysis features, it's probably because they don't get enough data to analyze. Deleted data and user data such as text messages and images can often be found in a physical data dump of a phone. Device Seizure was designed from the ground up as a forensic grade tool that has been upheld in countless court cases.

Point 2 Point has been integrated into Device Seizure. The Point 2 Point feature converts GPS data points to be read directly into Google Earth so investigators can quickly and easily visualize where these GPS locations are.

**DDS and DS Device Manufacturers and Operating Systems Supported:**
- Alcatel, Android, BlackBerry, Garmin, Apple iOS, Kyocera, LG, Motorola, Nokia, Palm, Web OS, Samsung, Sanyo, Siemens, Ericsson, Symbian, TomTom, Windows Mobile, ZTE, Memory Cards

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<tbody>
<tr>
<td>DDRK</td>
<td>Digital Device Review Kit with Tablet PC</td>
<td>$3,649.00</td>
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<tr>
<td>DDRK1</td>
<td>Digital Device Review Kit without Tablet PC</td>
<td>$3,149.00</td>
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DIGITAL MOBILE DEVICE KIT
This versatile forensic stick kit contains easy to use tools for the review of mobile digital devices including iPhones, iPads, iTouch devices, Android devices, and cell phones.

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<tr>
<td>DSRK100</td>
<td>Digital Mobile Device Kit</td>
<td>$475.00</td>
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SIM CARD SEIZURE
This SIM reader is designed to recover deleted text messages (SMS) and other information that may be stored on the seized device’s SIM card. SIM Card Seizure includes software and a Forensic SIM Card Reader.

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<tr>
<td>SIM100</td>
<td>SIM Card Seizure</td>
<td>$129.00</td>
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ECLIPSE SCREEN CAPTURE KIT
The Eclipse Screen Capture Kit is designed as an easy to use yet comprehensive system for the capture of user information from screens of cell phones, GPS units, tablets, and any other portable device that can be photographed. The Eclipse kit allows the user to capture screen shots from mobile devices, add notes to them, and organize the images. Eclipse saves images and video within the program and is capable of exporting reports to most web browsers.

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<tr>
<td>ECL1000</td>
<td>Eclipse Screen Capture Kit</td>
<td>$2,100.00</td>
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</table>
DIGITAL COMPUTER REVIEW KIT
The Computer Review Kit contains easy to use tools that allow for on-scene forensic acquisition of data from any computer system. The bootable kit maintains forensic integrity by read-only processing of the computer. The DP2C P2 Commander is a bootable thumb drive that allows you to quickly look for evidence on a PC without making any changes to the computer. It also allows you to extract files you need. Windows Breaker is a thumb drive password breaker for Windows.

**DCRK CONTENTS:**
1- DP2C-Deployable P2 Commander with external hard drive
1- Windows Breaker
1- DCRKC Black Nylon Carry Bag

**CATALOG NO.** | **DESCRIPTION** | **PRICE**
--- | --- | ---
DCRK | Digital Computer Review Kit | $875.00
WBS10 | Replacement Windows Breaker Stick, 10 uses | $149.00

DIGITAL FORENSIC COMPUTER ANALYSIS KIT
This versatile forensic stick kit contains easy to use tools for the detection and recovery of data from computers, laptops, notebooks, and netbooks.

**DSRK200 CONTENTS:**
1- Data Recovery Stick – Bootable USB that allows for recovery of deleted documents, photos, music, and more using a cluster-by-cluster forensic grade data recovery algorithm
1- Windows Breaker Stick – Bootable USB that allows for bypassing of Windows accounts – Limit of 10 uses per Windows Breaker Stick
1- Porn Detection Stick – Bootable USB that searches through all images and videos on a computer, scans them for pornographic content, and creates a report of suspected pornographic images and videos
1- Chat Stick – Bootable USB that detects and analyzes chat logs from the most popular online chat programs
1- DSRKC Plastic Carrying Case

**CATALOG NO.** | **DESCRIPTION** | **PRICE**
--- | --- | ---
DSRK200 | Digital Forensic Computer Analysis Kit | $525.00
WBS10 | Replacement Windows Breaker Stick, 10 uses | $149.00