

# Graymark®

## DFnDR DIGITAL FORENSICS and DATA RECOVERY



### DFnDR TRAINING SYSTEM

The DFnDR Digital Forensics & Data Recovery Training System is a complete, state-of-the-art technical education program to train students the science and techniques needed to land jobs in the growing field of computer forensics. Federal, state and local law enforcement agencies, as well as private investigation firms are hiring computer forensics technicians at an increasing rate.

The DFnDR Training System contains all elements necessary to equip a high-technology computer forensics training laboratory. Several packages comprise the Training System:

- Student Package
- Evidence Package
- Classroom Package
- Supplies Package



### STUDENT PACKAGE

The Student Package contains the basic hardware that a computer forensic technician will use, including:

- Laptop Computer
- USB Thumb Drive (4GB)
- SATA Hard Drive and mobile SATA HD Rack
- Write-Blocked Card Reader and SATA/IDE Write Blocker
- Earbud Headphones, Stereo

- Anti-Static Mat, Wrist Strap
- Student Manual, Reference Book with Companion DVD

Written by Graymark, the Student Manual is the cornerstone of the DFnDR Training System. The Manual contains an abundance of digital forensics and data recovery theory and hands-on exercises. The Manual is well-illustrated and contains clear step-by-step instructions for the hands-on exercises. A Reference Book with companion DVD (which includes exercise work files) augments the Manual.

### Digital Forensics & Data Recovery Topics

The Manual contains excellent theory discussions and hands-on exercises for a multitude of digital forensics and data recovery topics. Students gain understanding of the relevant field of knowledge, and the skills necessary to recover erased, hidden, password-protected and encrypted data, conduct investigations, and produce reports suitable for courtroom presentation. Topical coverage includes:

- Understand types of media used to store data
- Set up an investigation computer
- Use computer forensics software
- Use software & hardware write-blocking protection
- Modify Windows Registry for USB write-blocking
- Use data acquisition tools
- Gather and analyze digital evidence
- Store and retain evidence
- Document evidence
- Obtain a digital hash
- Write investigation reports
- Validate forensic data
- Access hidden partitions
- Recover passwords
- Recover graphic files
- Acquire data from a network
- Recover deleted files and email



## CLASSROOM PACKAGE

The Instructor's Package contains equipment that students will share, including:

- Forensics Server with 22" LCD Monitor
- Professional Computer Forensics Software
- Forensic Data Acquisition Device
- SATA, IDE, SCSI, USB Forensic Bridges
- Master Hard Drives
- Master USB Drives
- Master CDs & DVDs
- Master Memory Cards
- Student Manual
- Reference Book
- Instructor's Guide
- Storage Containers
- Mobile Classroom Cart with Storage Containers

## EVIDENCE PACKAGE

The Evidence Package contains a variety of hardware devices. The instructor loads evidence and other data files, including erased, hidden and password-protected, onto an evidence device before giving it to a student for a hands-on exercise. The evidence devices include:

- Desktop PC
- Notebook PC
- Hard Drives
- USB Drives
- CDs & DVDs
- Memory Cards



## CONSUMABLES PACKAGE

During the course of all computer investigations, some supplies are consumed, such as evidence bags. The DFndR students use the same supplies used by law enforcement agencies, including:

- Evidence bag, tamper indicating
- Anti-static bag
- Evidence tape, seal strip

## SUPPORT

Graymark provides a multi-faceted support package for instructors and schools, including:

- Toll-Free Help Line for technical assistance and support
- StudentProof Parts Exchange Program
- Rapid Replacement Parts Replacement

## COMPLETE LAB CONFIGURATION

Set up includes the following core lab items:

<u>Item</u>	<u>Qty</u>	
Student Package	1	(1 per student)
Classroom/Instructors Package	1	(1 per classroom)
Evidence Package	1	(1 per Classroom)
Consumables Package	1	(for 40 students)

### Options:

DFndR Courseware Site License

DFndR Student Courseware Replacement Package

\* You can easily increase student capacity by adding Student Packages to your order!

\* Additional Student Packages can be ordered with or without Laptop computers to better suit your budget needs.

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