

Expert Forensics Data Recovery and Acquisition(SSD)

*optional Training Course

Course Description

Solid State Drives are becoming more and more popular and a lot of new SSD models appear in the market. New laptops and Desktop PC are increasingly using SSD as main or additional storage device in the system. Data recovery from these devices is becoming more frequent year by year.

You'll learn how SSD data recovery process is different from that of a platter drive recovery and why the process can be more complex. And the latest knowledge and skills to work with SSD in technological mode.

***To archive higher level of Data Acquisition ability, we strongly recommend students to take this course with Expert (SFAE).**

Duration: 1day

Location: China

What's Included

- A Training license for software
- SSD to practice on
- The learning environment consists of lectures, real world examples and hands-on exercises
- A comfortable training Room

Course requirements

1. Basic computer skills
2. A laptop capable of running our software
3. Note*: This is optional course to go with "SAFE" which takes 1 day more

Learning Objectives

- To know how does "TRIM" effect SSD performance and recovery possibility
- To develop knowledge and skills to work with SSD in technological mode
- To improve necessary skills and knowledge for data recovery and repair of modern SSD
- To develop hands-on ability on SSD

Course Topics

1. Introduction to the Solid State Drive(SSD)

2. HDD vs SSD, Recovery Point of View
3. Check SSD Health
4. Reasons for SSD Failure
5. Failure Types
6. Data storage characteristics of solid state hard disk
7. Hardware and software realization of solid state hard disk
8. Primary diagnosis technique and determination of fault nature
9. Two methods of recovering and acquiring data from SSD

Hands-on section

1. Correct ways to organize data recovery process when recover data from SSD
2. Initial diagnostics of SSD
3. Identifying SSD families, connecting SSD drives through serial port
4. Two approaches of data recovery from SSD
5. Technique of primary diagnosis and determination of the nature of malfunction
6. Written and practical examination

Customization

In order to meet different customer needs and help learners best achieve their learning goals, we provide opportunities for our clients to customize the course attributes, including time, place, close-door requirements, etc.