



PC-3000 SSD DATA RECOVERY EXPERT TRAINING

1. Features of data storage on SSD.

- ▶ SATA and NVMe (PCIe) storage devices
- ▶ SSD internal structure

2. Software and hardware implementation of SSD.

- ▶ The main causes of malfunctions
- ▶ Malfunction signs and their diagnosis
- ▶ Reasons why Chip-Off cannot be used in modern tasks

3. PC-3000 SSD. Components. Features.

- ▶ Technological Mode. Possibilities

4. Method of primary diagnosis and determination of the malfunction nature.

- ▶ BSY-state
- ▶ Incomplete drive passport. Reasons
- ▶ Safe Mode
- ▶ TRIM

5. Practice. Solving of real cases on damaged drives.

- ▶ Intel Postville Utility
- ▶ Marvell Utility
- ▶ Indilinx Barefoot Utility
- ▶ Indilinx Barefoot 3 (OCZ) Utility
- ▶ Samsung Utility
- ▶ Silicon Motion Utility
- ▶ Phison Utility
- ▶ OCZ Utility

6. Additional theory about unsupported SSDs.

- ▶ Alternative recovery methods
- ▶ General guidelines

Practice:

The real damaged drives will be examined during the practice. All the necessary methods for data recovery and repair of modern SSD are demonstrated.