MFT Forensic Tower





What is MFT?

The MFT Forensic Tower is Meiya Pico's 2nd generation Forensic Workstation. Oriented by the Parallel Forensic Technology, the MFT provides rich interfaces, achieves concurrent data duplication, parallel analysis, OS emulation, and is compatible with various kinds of forensic software.

What can MFT do?

The MFT helps save labor, money, and time in forensic investigations.

Investigators today often find difficulty in balancing the cost and efficiency in forensic investigations; and requirements of the massive, forensically-sound data processing, make such investigations even more difficult. The MFT however, can solve this problem perfectly. It can access various kinds of storage mediums through write-blocked interfaces, perform simultaneous disk duplications, automated data analysis, live OS emulation, and generate compelling investigation reports.

Features

Parallel Forensic Technology

- The Parallel Forensic Technology makes a leap in promoting the duplication speed, that is, four times faster as regular methods.
- The Parallel Forensic Technology helps MFT achieve a parallel duplication speed up to 7.5GB/min, and SSD speed up to 19.5GB/min. It supports flexible configuration that allows investigators to customize the sources, destinations, and parameter settings in data duplication.

Multi-threading Analysis

■ This feature allows the MFT to better leverage CPU resources; this greatly promotes the efficiency of digital acquisition (E01 imaging) and analysis.

Rich interfaces

- SAS, SATA, IDE, SCSI, and USB at source
- SATA/SAS supported on destination
- All sources are write-blocked
- Allow access to various storage cards

Ventilated Drive Holder

- All sizes of IDE (3.5 ", 2.5 ", 1.8 ") with adapter, SCSI (with adapters),
- SATA drives can be put in the drive holder to be imaged or analyzed.
- The silo is ventilated and stable, which protects drives safely.



Hot swapping & Cable Free Design

All SATA/SAS interfaces and four target R/W ports (SATA/SAS) are hot-pluggable with cable-free design.



MFT Solution Highlights: Save Labors, Save Time, Save Money.

MFT V.S. Other Forensic Workstations

Other forensic workstations

- Insufficient write blocker
 They provide only one write blocker (ICS Super Drive Lock or Tableau T3458is)
- Low CPU usage
 Their hardware performance is high, but CPU usage is low.
- Bottlenecked bandwidth They have RAID, but low bandwidth becomes their bottleneck when processing multiple large evidence files.

MFT

- Sufficient write blocker
 - A maximum of four SAS/SATA disks can connect to the MFT through write-blockers at the same time, allowing concurrent duplication and imaging.
- High CPU usage
 - With Parallel Forensic Technology and multi-threading feature adopted, the MFT can make sufficient use of CPU usage, promoting duplication, imaging and analysis efficiency.
- Broad bandwidth
 - With great bandwidth capacity, the MFT achieves even higher performance when processing multiple large evidence files.

The MFT is a all-in-one solution that works as the sum of 4 disk duplicators, 6 write-blockers, 4 analysis software, and 4 computers.



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