Atola TaskForce

An on-scene and large-scale acquisition tool capable of working with both good and damaged media, developed specifically for forensic use.
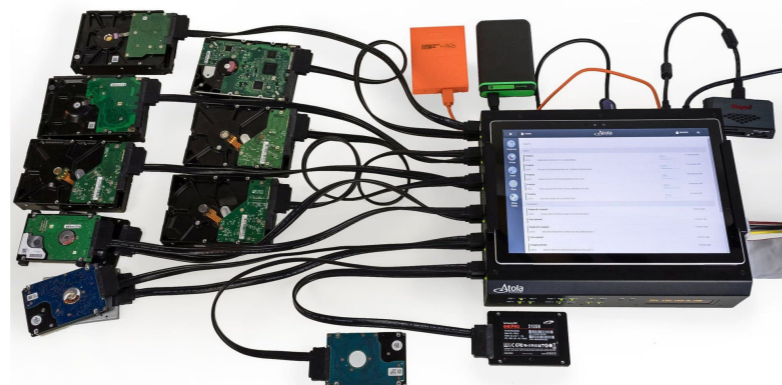

RAID configuration autodetection and imaging

- RAID identification by data parcing on connected drives and/or image files

- RAID types: RAID 0, 1, 5, 10 and JBOD

- File systems: NTFS, ext4/3/2, XFS, exFAT, HFS/HFS+, FAT32/16

- Instant identification of mdadm-created RAID

- One-click application of a suggested configuration

- Partition preview

- Rebuild of RAID with a missing or damaged device (for certain types of redundancy-enabled RAID)

- Max number of auto-checked RAID configurations: 100,000,000

Functions

Forensic Imaging

- 15 TB/h cumulative speed of imaging

- 12+ simultaneous imaging sessions

- Imaging to up to 5 targets

- Automation via Web API

- Physical imaging to E01, AFF4 and RAW files

- Logical imaging to L01 file

- Source/target switch on all ports
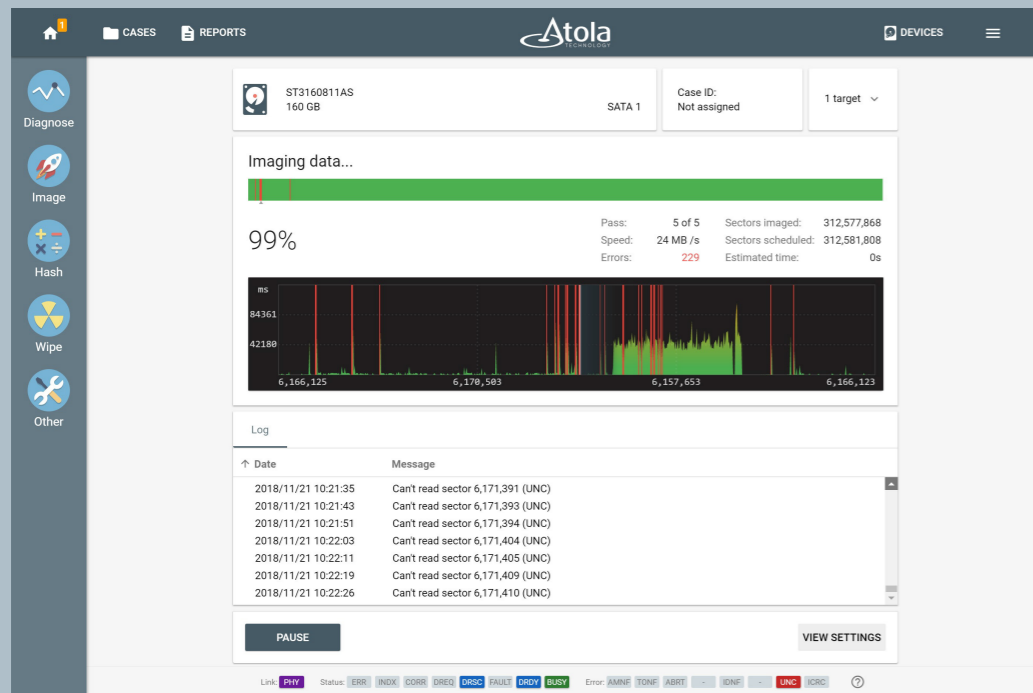
- Hardware write protection in Source mode on all ports

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Damaged drive support

- Imaging data from good heads only

- Imaging freezing drives

- Imaging drives with surface scratches and firmware issues

- In-depth drive diagnostics

- Pause/resume an imaging sessions, optimizing the settings to retrieve more data

- Current sensor on all SATA, SAS/SATA, IDE ports

- Automatic overcurrent and short-circuit protection

Two ways to manage TaskForce

10Gb Ethernet network

Standalone mode

Supported Drives

- 1.8-inch, 2.5-inch, 3.5-inch IDE
- USB hard drives

- SATA, SAS
- USB Flash media

(Optional) With extension modules:

- M.2 NMVe/PCIe/SATA SSDs

- Latest Apple SSDs via Thunderbolt extension

- The newest PCIe SSDs from Apple MacBooks (2013 - 2015)

Other features of TaskForce forensic imager

- Wiping with various methods: Pattern, Secure Erase, NIST 800-88, DoD 5220.22-M, Random, LBA number

- Browse files on any connected device

- SMART viewing + recording it before and after image acquisitions

- Hash calculation (linear and segmented): MD5, SHA1, SHA256, SHA512

- HPA & DCO control and recovery

- Automatic report generation

- Case management system

* For further information, please visit
https://www.atola.com/products/taskforce/