

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



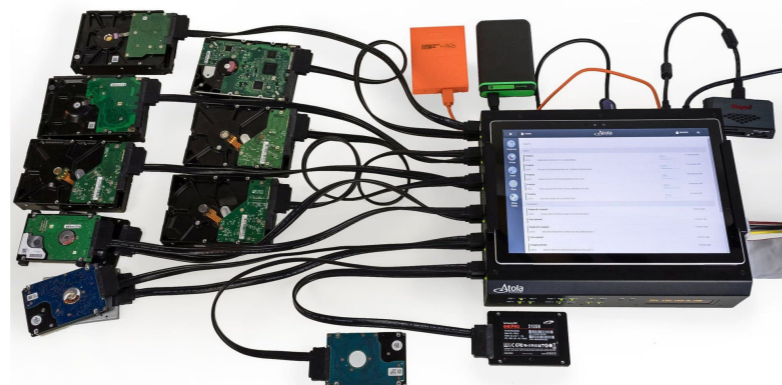
RAID configuration autodetection and imaging

- RAID identification by data parsing 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

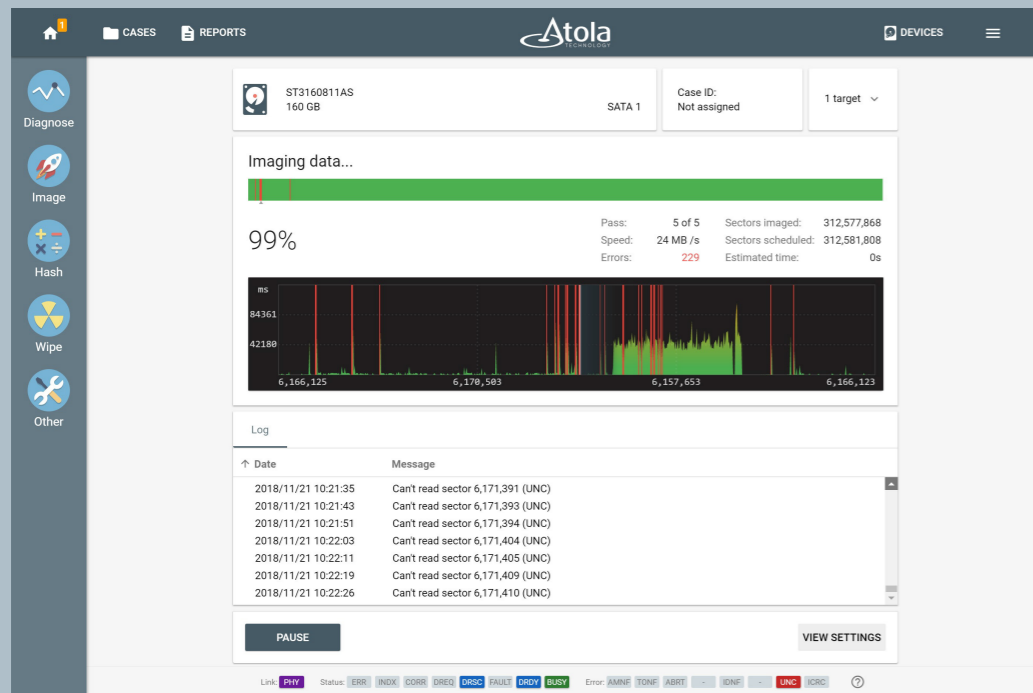


The screenshot shows the Atola software interface with the following sections:

- RAID configuration:** RAID type: RAID 0 (Stripe), Start LBA: 0, Block size: 256 KB (LaCie, ServeRAID-8*). A table lists three drives: 1. HGST HDN721010ALE604 15GRV9L (10 TB), 2. HGST HDN726060ALE610 NAGE1P (6 TB, ext4), 3. ST12000VE0008-2KW101 ZHZ1EL1 (12 TB).
- Autodetection:** Shows a "Possible configuration" for RAID 0 with a block size of 256 KB and start LBA of 0. Includes a "RESTART" button and an "APPLY" button.
- PARTITIONS:** A table showing partitions: 0 (20GB_partition1, ext4 - 21 GB, Start LBA 2,048), 1 (empty_partition2, ext4 - 3.2 TB, Start LBA 40,962,048), 2 (empty_partition3, ext4 - 3.4 TB, Start LBA 6,196,979,712).
- HEX VIEWER:** A table showing folders: lost+found, Kernel-sources, Share, media, SAS3IRCU_P16, hpt.
- Buttons: "GO TO IMAGE" and "UNMOUNT RAID".

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
- SATA, SAS
- USB hard drives
- USB Flash media

(Optional) With extension modules:

- M.2 NVMe/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/>