FAST FORENSIC IMAGING
EVEN WITH BAD DRIVES

PRODUCT GUIDE

TASKFORCE & INSIGHT

Atola TECHNOLOGY

ATOLA.COM

Atola is a team of industry renowned data recovery engineers working in collaboration with law enforcement agencies and forensic experts from around the globe.

Our forensic imagers offer evidence retrieval functions for fast automated processing of hard drives and solid-state drives at the engineering level, wrapped in a very simple and efficient user interface.

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WHAT PROBLEM IS SOLVED

Saves total evidence acquisition time

Images damaged and "dead" drives in a forensically sound manner

HOW THE PROBLEM IS SOLVED

- 12 parallel imaging sessions
- 18 ports. 12 can be used for SATA drives
- Maximum flexibility: each port can be configured to Source or Target mode
- Multiple users can operate TaskForce simultaneously from their devices using Chrome browser
- Max total imaging performance: 15 TB/hour
- Automatic integration with other forensic software via API

- Time-tested data recovery system developed into forensic solution
- Automatic diagnostics guides you to take the best imaging strategy with a bad drive
- Multi-pass imaging engine copes with bad sector areas
- Effectively handles freezing drives
- Selective head imaging allows disabling damaged heads

Product feature comparison is available at ***atola.com/products***

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TYPICAL USE

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In the lab and in the field (standalone)	In the lab

SECONDARY IMPORTANT FEATURES

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1. Automatic diagnostics shows: - Actual drive condition - Estimated imaging time - Suggestions for damaged drives - Existing and lost partitions 2. Images severely damaged drives 3. Two 10Gbit Ethernet ports 4. Super-simple user interface 5. Imaging of NVMe drives at 1.3GB/sec	1. Unlocks drives with unknown ATA passwords 2. Finds file signatures and artifacts in the course of imaging 3. Recovers files from various partitions including encrypted APFS (with known password or recovery key)

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WHAT BOTH PRODUCTS HAVE IN COMMON

Max speed of a single imaging session with SATA source drive: 500 MB/s (30GB/min). Imaging session can be paused at any moment and resumed later.

Export case with imaging sessions and pass it to a colleague to resume imaging using another Atola hardware unit.

Image source devices into various types of targets:

- other drives
- E01/RAW files located on other drives
- E01/RAW files located on a network server

Automatically create cases and reports that can be exported and used in the court.

Detect and control HPA & DCO max address limitations.

Wipe devices with various methods: Zero-fill, Custom pattern, LBA number in each sector, Secure Erase, DoD 5220.22-M, NIST 800-88, Random.

Support of interfaces: SATA, NVMe, IDE, SAS, USB devices, M.2, PCIe, Thunderbolt 2 and 3, Firewire.

Measure drive currents and protect from short circuit.