# Atola Insight Forensic



3 imaging sessions at up to 550 MB/s (33 GB/min) each using the hardware unit's server-grade motherboard, CPU, ECC RAM.

6 Source ports with built-in write blocker:
- 3 SATA
- USB 3.1
- IDE
- Extension (SAS, PCIe, M.2 NVMe/PCIe/SATA SSD, Apple PCIe SSD, Thunderbolt/FIREWIRE)

4 Target ports:
- 3 SATA
- USB 3.1

Ethernet: 2 x 10 Gbit ports

Imaging to/from files (E01, RAW, AFF4) located on a server or the host computer.

- **2021 generation of hardware**
- **3 parallel imaging sessions**
- **automated data recovery**

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## Damaged drive support

Atola Insight Forensic offers complex data retrieval functions with utilities to access drives at the lowest level.
It makes it possible to image drives with surface scratches, firmware issues, logical errors, worn-out magnetic layer, etc.
All in a forensically sound manner.

The imaging algorithms handle damaged media automatically, yet gently to avoid causing further damage, while retrieving as much data as possible:

- in-depth drive diagnostics
- multi-pass imaging system
- selective head imaging
- automatic reset of freezing drives
- overcurrent, short-circuit protection
- segmented hashing for damaged drive image verification
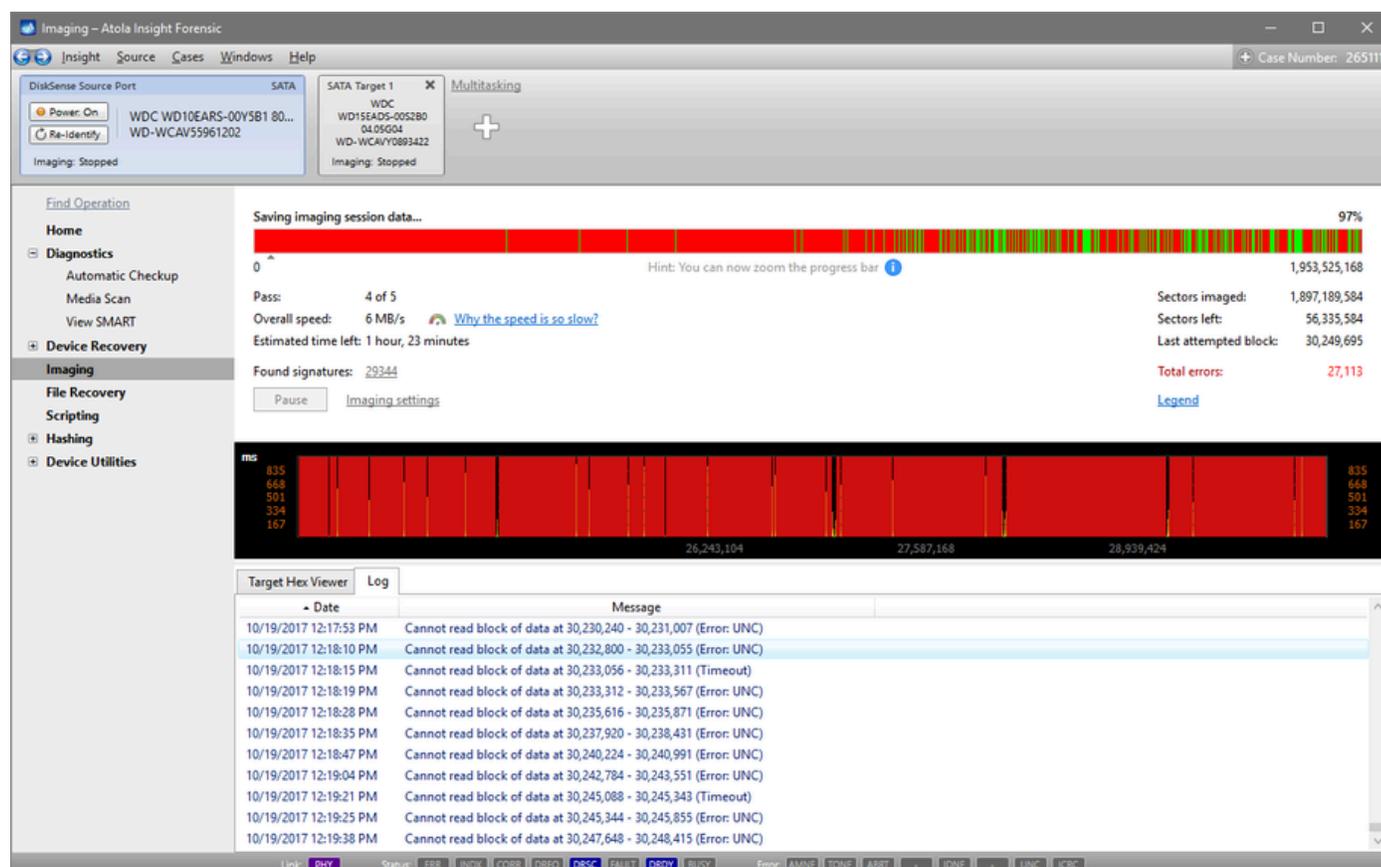


## Other features

- Remote image acquisition via **iSCSI**.
- **Logical imaging** to L01 with smart filters (partitions, folders, files of a specific type or size, matching a hash value, etc.)
- Pause/resume of imaging
- Locate sectors feature to detect which files and partitions specified drive sectors belong to.
- Target drive encryption (VeraCrypt)
- Extraction of **unknown ATA passwords**
- HPA, DCO, AMA **hidden area** detection and reset
- Hash calculation: MD5, SHA1, SHA256, SHA512
- Wiping: NIST800-88, DoD 5220.22-M, Secure Erase, etc.
- Case management system: automatic report generation
- Supported file systems: NTFS, Btrfs, APFS (with encrypted volumes), XFS, ext4/3/2, ExFAT, HFS/HFS+, FAT32, FAT16

- On-the-fly sector-level **Artifact finder** based on Intel Hyperscan engine. Artifacts include: Keywords, Regular expressions, Bitcoin and Ethereum wallet addresses, BIP39 mnemonic phrases, Credit cards, Emails, GPS coordinates, IP, MAC, Phone numbers, URL
- Disk Editor, media recovery, compare devices & other utilities
- Forensic file recovery
- Comparison of drives and their images

## Subscription includes

- Support from our team of engineers
- Regular software updates with new features
- Training and knowledge refresher sessions
- Lifetime warranty