Atola Insight Forensic

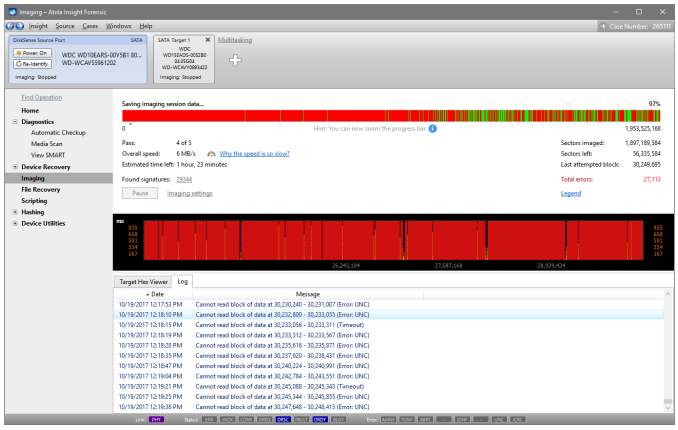
Atola Insight Forensic offers complex data retrieval functions along with utilities for manually accessing hard drives at the lowest level, wrapped in a very simple and efficient user interface.

The system consists of Atola Insight Forensic software (runs on any Windows PC or laptop) and DiskSense hardware unit and extension modules.

Damaged drive support

All features of Atola Insight Forensic are designed to support damaged media. Its multi-pass imaging system handles damaged drives in a fully automated, yet very gentle way to avoid causing further damage, while retrieving as much data as possible.

- In-depth drive diagnostics
- Selective head imaging
- Imaging of freezing drives
- Imaging of drives with surface scratches and firmware issues, logical errors, worn-out magnetic layer, bad sectors, etc.
- Current sensors on all SATA, SAS/SATA, IDE ports
- Overcurrent and short-circuit protection
- Insight hardware is equipped with full circuit protection that prevents a malfunctioning storage device attached to the unit causing damage to the system or the device itself.



Supported interfaces

It supports SAS, SATA, USB and IDE drives via 9 ports and other storage devices via extension modules.

Source ports: SATA, USB, IDE, EXT. + via extension modules: SAS, PCIe, Apple PCIe SSD, M.2 NVMe/PCIe/SATA SSD, Thunderbolt 2 & 3, FIREWIRE

Target ports: 3x SATA, 3x USB, files (E01, RAW, img, dd) on a server or on the host computer that runs Insight software.

The system has built-in write-blockers on all source ports.

Optional 10 Gb extension module enables faster imaging to the local network.

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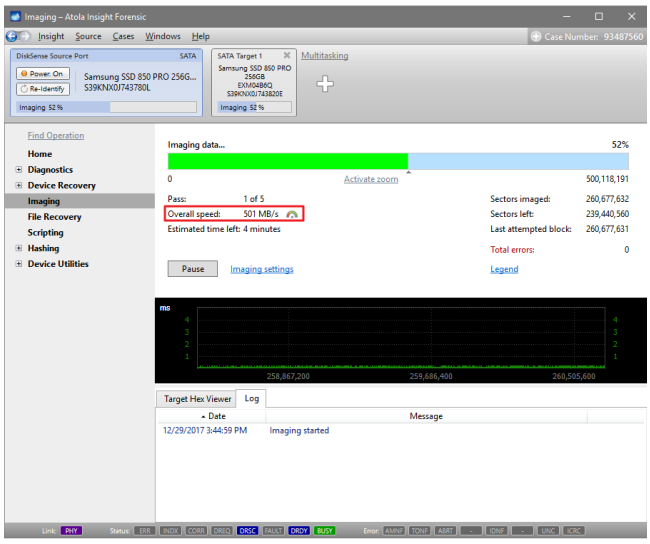

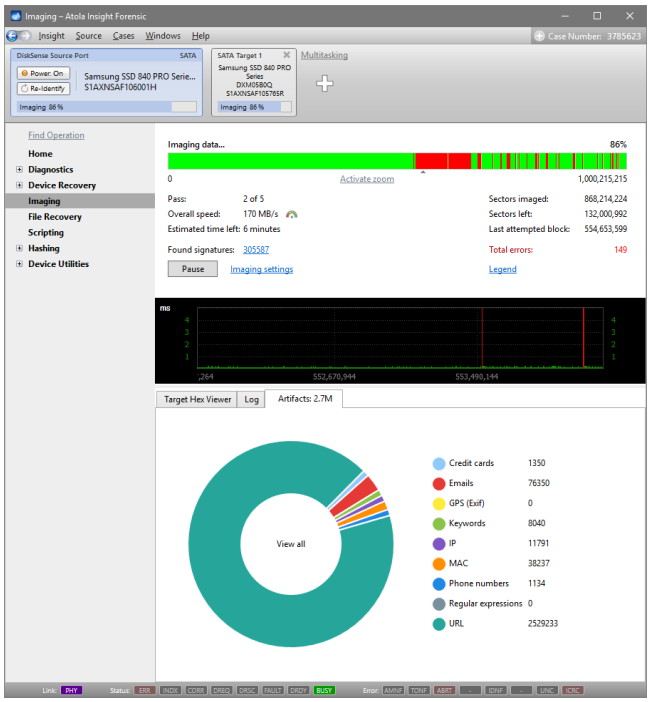

Speed of imaging

When dealing with non-damaged media, Atola Insight Forensic acquires data faster than other data acquisition equipment commercially available.

The system images media with no penalty on the native speed of the storage device and achieves 520+ MB/sec on SSDs.

Artifact Finder

Insight searches for artifacts during imaging or as a separate process and allows on-the-fly overview, sorting and search of the found values. Supported artifacts include:

- credit card numbers
- emails
- GPS coordinates
- IP addresses
- MAC addresses
- phone numbers
- URLs
- keywords
- regular expressions

Other features

- Extraction of unknown ATA Passwords
- HPA & DCO control and recovery
- Hash calculation: MD5, SHA1, SHA256, SHA512
- Segmented hashing for damaged media
- Wiping (NIST800-88, DoD 5220.22-M, etc.)
- Automatic report generation
- Case management system
- S.M.A.R.T. view
- File recovery
- Scripting
- Multitasking

Lifetime warranty

Atola stands behind its product and strives to offer the best warranty terms in the industry. No matter how old your system is, it is covered by the Lifetime warranty, for as long as your software update subscription is active.