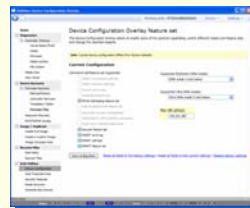
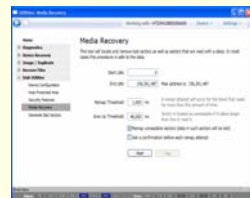
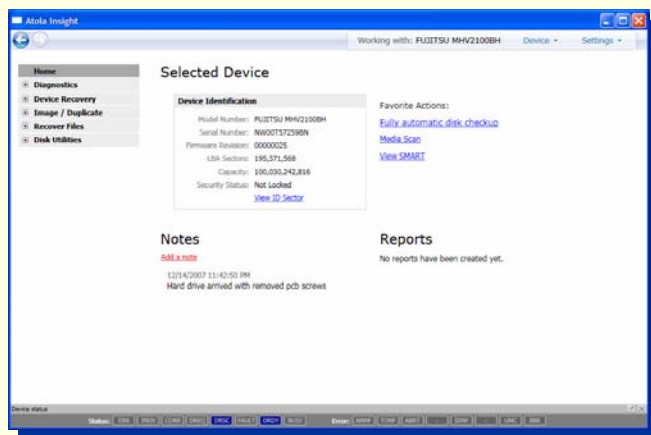


ATOLA INSIGHT

A New Standard In Data Recovery Equipment

The Atola Insight is a brand new data recovery solution from **Atola**, creators of **AFF Repair Station** and **HDD Unlock Wizard**. It is a full, 360 degree solution made by data recovery professionals to address common needs that are not being fulfilled by current data recovery software or hardware products.



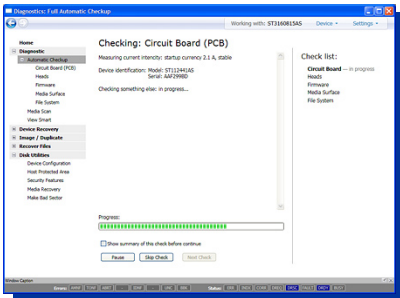
What Separates the Atola Insight from the Competition?

The Atola Insight is the world's only data recovery solution that provides automated features for every step of the data recovery process from initial diagnostics to firmware and file recovery. It is also unique in that it is fully portable, meaning it can perform on-site data recovery from a laptop or desktop computer.

Is this a Software or Hardware Solution?

Both. Atola Insight is a software program that conducts a full spectrum of data recovery tasks. Atola DiskSense is a supplementary USB box that mounts the customers hard drive and monitors HDD processes.

Diagnostic Functions



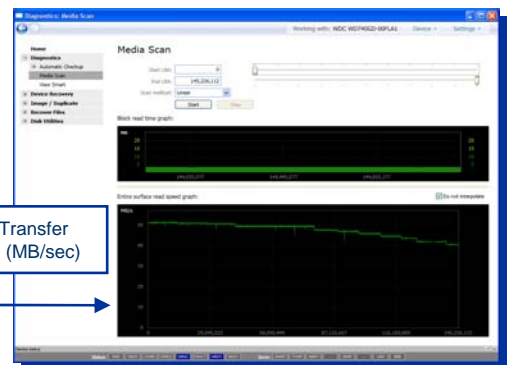
- Fully automatic disk checkup
- Media scan
- SMART Operations
- Firmware Area (System Area) Checkup
- Partitions and File Systems Checkup
- Head Checkup
- PCB Checkup
- **Automatic Reporting System For All Diagnostic Functions**

Fully Automated Diagnosis:

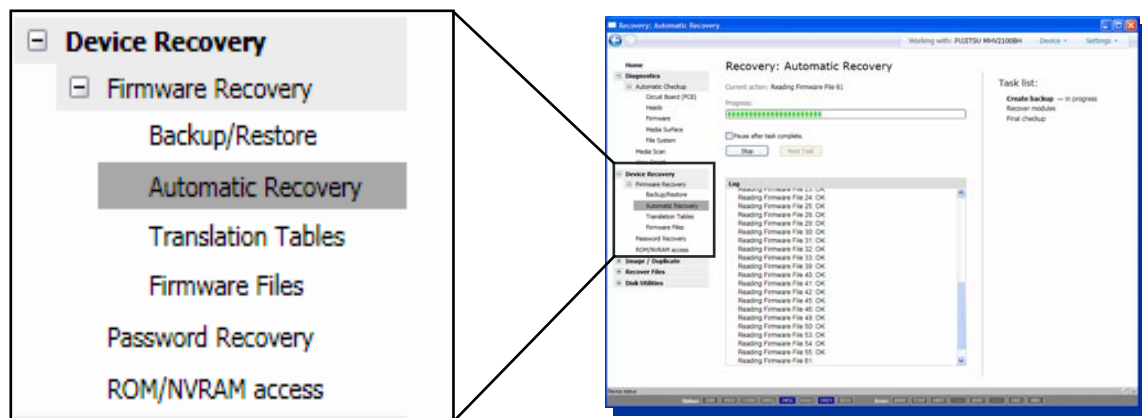
Atola Insight automatically diagnoses all components of a hard drive and report specific problems to the operator along with recommendations for completing data recovery. It also automatically repairs HDD firmware and identifies/removes ATA passwords (User or Master setting at any security level). Automatic recovery tasks can be cancelled at any time during operation and all functions can be performed manually according to the operators preference.

Media Scan Function:

Media Scan reveals read delays and errors (bad sectors). Two graphs are created; one showing the exact time needed to read a block of sectors and the other showing HDD transfer speed. Media Scan is used to determine surface and head damage.



Firmware Recovery



- Firmware Backup
- Firmware Editing
- Firmware Restoration
- Automatic Firmware Recovery
- Translation Table Recovery
- Universal Firmware Archive

Automatic Recovery Mode:

Automatically assesses firmware issues and repairs/recovers most common types of firmware damage. Backup and Restore functions can be executed automatically.

Firmware Backup & Restore:

Atola Insight takes the pain out of backing up firmware modules by allowing the user to save all firmware modules and ROM/EEPROM/NVRAM images. This reliable and convenient feature is achieved with just two clicks of a mouse.

Firmware Editing Capability:

Full access to ROM, EEPROM/NVRAM Firmware modules is implemented for the seasoned recovery professional. Read, write, modify and erase any firmware module or structure and switch a hard drive's internal flags and features.

Firmware Restoration Archives:

Two online Firmware Banks ("Repositories") are available for downloading Firmware files needed for restoration. One Repository is maintained by Atola Technology and the other is composed of contributions from Insight users.

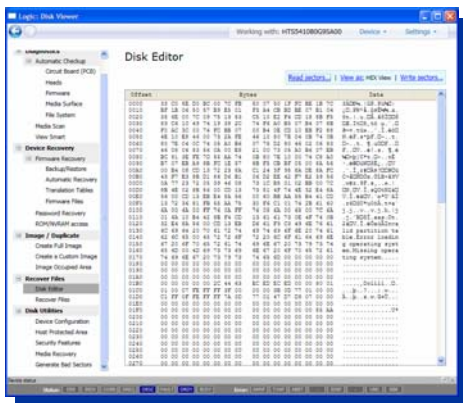
Insight supports all firmware formats including PC300, Salvation Data and HRT

HDD Duplication

The Atola Insight's Disk Duplication function allows the user to create precise copies of hard drives with plenty of options for flexibility in various data recovery applications. This feature is enhanced by Atola's DiskSense unit by enabling UDMA transfer speed.

- Create A Full or Partial HDD Image
- 'Data Only Copy' Option
- Create a Sector-by-Sector HDD Copy
- 'Media Map Support' Option

File Recovery



The Atola Insight File Recovery Engine extracts files from badly damaged hard drives, even in cases where all partitions are lost. It does this by scanning a hard drive's entire platter area to identify possible system file structures (such as MFT) and then recovering the original file and folder structures. Operation automatically applies identification methods such as file type signatures.

Password Recovery

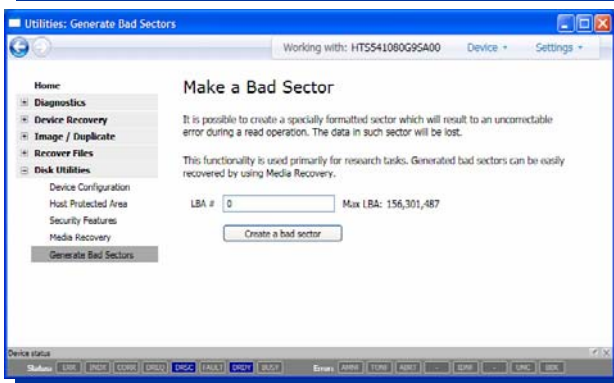
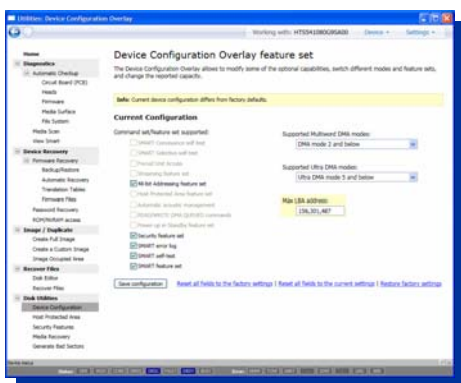
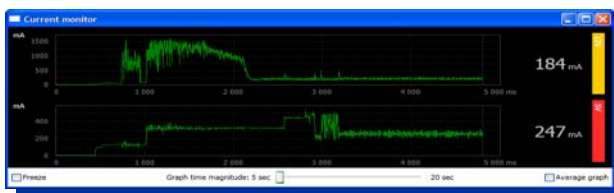
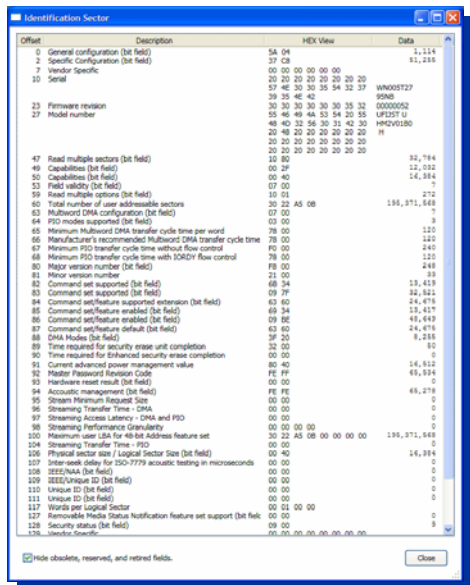
Identify and/or Remove unknown passwords regardless of setting (Master or User) or security level (High or Maximum).

Operation is fast, easy and automatic. Brute Force and Dictionary Attack are available when needed.



Disk Utilities

- Device Configuration
- Host Protected Area
- Security Features
- Media Recovery
- Create Bad Sectors
- Disk Editor
- Device Configuration
- Current Monitor (Oscilloscope)



Media Recovery:

Extract data from damaged or unstable sectors to maximize recovered data.

Disk Editor:

Allows the user to view or modify any hard drive sector.

DCO & HPA:

Set, remove and adjust DCO and HPA for full hard drive access and control.

Create Bad Sectors:

Used primarily for research purposes, this function allows the user to generate "soft errors" by altering ECC fields of chosen sectors. These sectors then act like real bad sectors; and can be easily removed by erasing the entire surface.

Atola DiskSense

Atola DiskSense is a USB hardware unit that maximizes the speed, flexibility and potential of the Atola Insight suite. It offers the following features...

Mobility:

Can be used on any computer equipped with a USB port, allowing the user to perform on-site diagnosis or recovery. Standard 5/12v Molex DC connector is included to power the unit via PC power supply.

UDMA Data Transfer:

Enhances Atola Insight's functions by enabling the hard drive to run in UDMA transfer mode. *Save time by increasing transfer speed.*

Buzzer and LEDs:

Provides clear task status as well as HDD power, IDE/SATA activity (BUSY/DREQ) and RS-232 port activity.

Current Monitor:

Protects the connected hard drive from short-circuits in conjunction with the Insight's Current Monitor/Oscilloscope. It also enhances the Insight's HDD diagnostic capabilities. 5v and 12v currents are monitored separately.

Power Control:

Provides full control over HDD power. It allows the user to terminate HDD power by pushing two buttons or instantly abort an operation entirely if necessary.

RS-232 Port:

Equipped with an on-board RS232C (com) port for specialized tasks including accessing Seagate hard drives.



Please contact ***YEC International*** for further product information:



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