

TECHNICAL NOTE 23

USING MAGIC FIX

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0. IN WHICH CASE YOU NEED TO USE THIS PROCEDURE:

Magic Fix is a software capable of running a CHKDSK on a windows operating system (<http://ss64.com/nt/chkdsk.html>) in order to check the error and if needed repair those. This process allow an ECHOSSENS certified engineer in case of corrupted HDD/SSD or MSATA to clean it without opening the FibroScan.

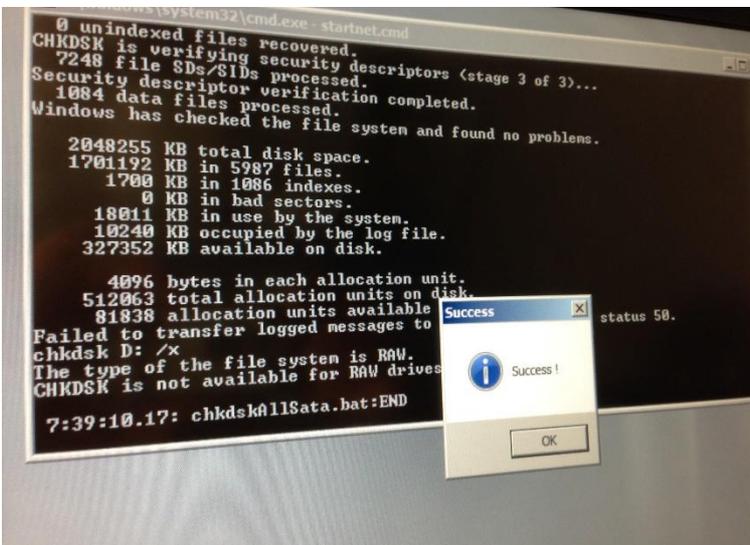
Magic Fix can be used on the following devices :

- FibroScan 502 step 4&5 (CD)
- FibroScan TOUCH step 1&2 (CD)
- FibroScan 402 (USB stick)
- FibroScan 530 (USB stick)

1. INSTRUCTION

Upon demand addressed to service@echosens.com you will obtain the software , the folder "chkdskAllSata" will contain an ISO file (CD) and a zip file (USB stick).

If you are checking a FibroScan 502 or 502 TOUCH burn a CD from the chkdskAllSata.iso file, boot your device with the CD inserted and let the process end, make sure the end message displayed is "success"



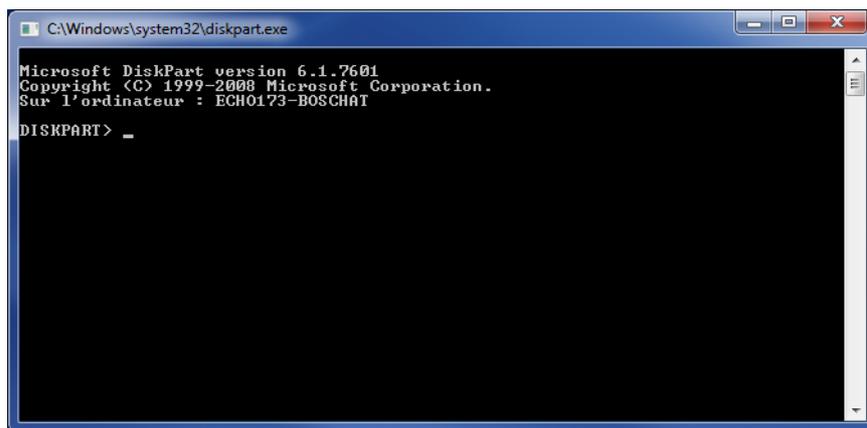
If you are checking a FibroScan 402 or 530 you will have to copy the software extracted from internal_Prod-version_CheckdiskAllSata_x64_1.0.0.zip and paste it on a USB bootable key (see paragraph 2), the process will be the same after that (boot on with the key inserted and let the process run until the success message).

If magic fix has no action then your storage media (HDD/SSD or MSATA) is physically damaged and you need to replace it.

2. HOW TO MAKE A USB KEY BOOTABLE

Connect a USB memory stick with a capacity superior to 4G0 to a computer.

Open diskpart by clicking on the windows logo and typing in the searchbar "diskpart"



Run the following commands

```
DISKPART > list disk
```

*Will list the available disks so that you find the ID of the memory stick, **pay attention not to select the computer C : drive***

```
DISKPART > select disk <id>
```

Replace <id> by the ID found on the previous step

```
DISKPART > clean
```

Delete all partitions on the USB key

```
DISKPART > create partition primary
```

Create primary partition

```
DISKPART> format fs=ntfs quick
```

Format as NTFS the partition

DISKPART > active

Makes the partition bootable.