

# Apacer

## *S.M.A.R.T Utility*

*HW Development Dept.  
6 May 2009*

# S.M.A.R.T. Utility

- Self Monitoring Analysis & Report Technology
- Why Monitor the SSD's health?
  - Back-up data
  - Timely replacement before SSD lifecycle ends

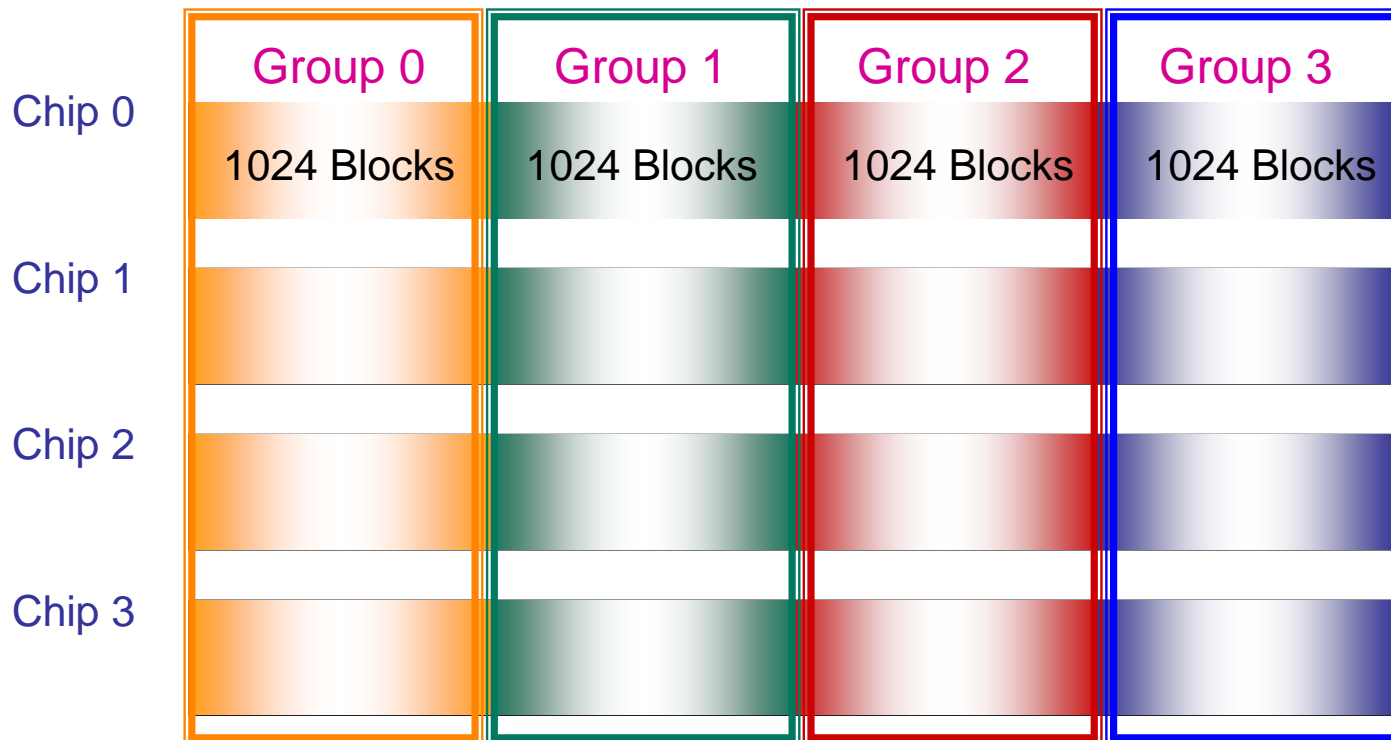
Warning!

Call for Help!



# S.M.A.R.T. Utility

- SMART reports:
  - Bad blocks per chip
  - Free blocks , Avg. age , Max. age per group



# S.M.A.R.T. Utility

**SSD HEALTH STATUS**  
SSD drive health status information:  
 ✓ - all ok  
 ✗ - replace the drive!

**SSD DRIVE INFO**  
Technical information about the solid-state drive - model, size, serial number, firmware and more.

**ANYWHERE VIEW™**  
Hard drive health and free space information in any Explorer window (works in Windows 2000&XP as well)

**WARNINGS**  
Sample tray hint warning in case any possible troubles with the hard drive and your data are detected.

SSDlife for Apacer version 1.0.23

File Language Help

✓ SSD drive 0

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SSD model: [www.apacer.com](http://www.apacer.com)  
**8GB ATA Flash Disk**  
 Capacity: **7.45 GB**  
 731cB  
 B512H

Does your SSD feel healthy?

is OK!

**SSDlife™**

last checked: **7/31/2008, 3:59:02 PM**  
 period: **0 hours 10 minutes**

Data on this drive (volumes):

Volume	Label	File system	Capacity	Free
D:	SSD volume	NTFS	392.18 MB	143.69 MB

Hard Disk Drives (3)

Local Disk (C:)  
5.09 GB free of 22.3 GB

SSD volume (D:)  
8GB ATA Flash Disk - A191101995A10fC731cB  
Health status: OK!

# S.M.A.R.T. Utility

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File Language Help

SSD drive 0

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powered by  
**HDDlife**

SSD model: [www.apacer.com](http://www.apacer.com)  
**64G SATA Flash Drive**

Total capacity: **56.34 GB**

Serial number:  
**C0082215200000000001**

Firmware version: **SFDA402B**

SSD Type: **SLC**

Channel number: **8**

Bank number: **4**

**Health is OK!**

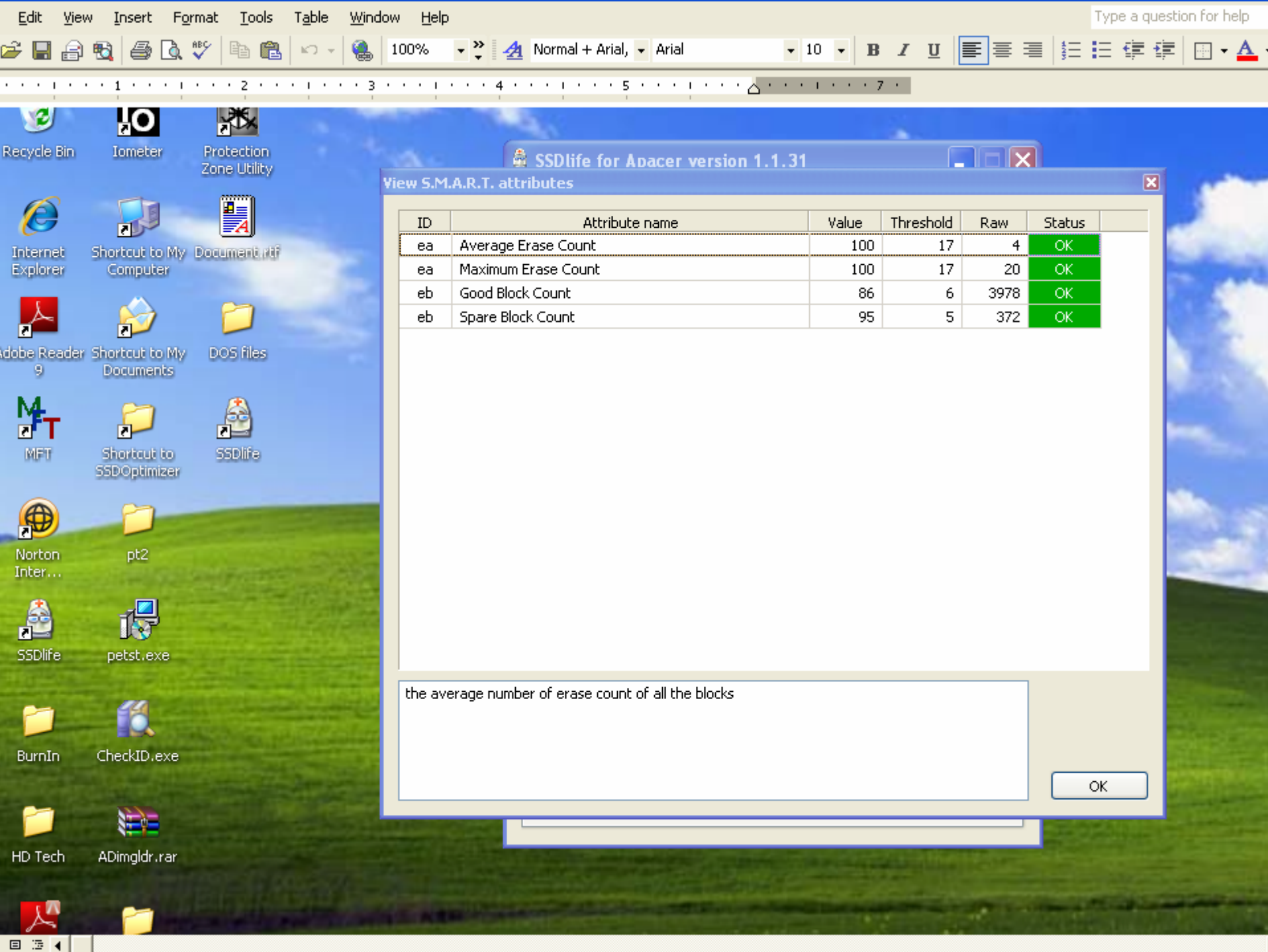
**conclusion:**

ALL RIGHT!  
The reliability and performance of your hard drive are completely all right. But do not forget to back up

health monitoring:  
started:  
**12/4/2008, 7:35:08 PM**  
last checked:  
**12/4/2008, 7:35:08 PM**  
period:  
**0 hours 10 minutes**

Data on this drive (volumes):

Volume	Label	File system	Capacity	Free
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SSDlife for Apacer version 1.1.31

View S.M.A.R.T. attributes

ID	Attribute name	Value	Threshold	Raw	Status
ea	Average Erase Count	100	17	4	OK
ea	Maximum Erase Count	100	17	20	OK
eb	Good Block Count	86	6	3978	OK
eb	Spare Block Count	95	5	372	OK

the average number of erase count of all the blocks

OK



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[www.apacer.com](http://www.apacer.com)

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