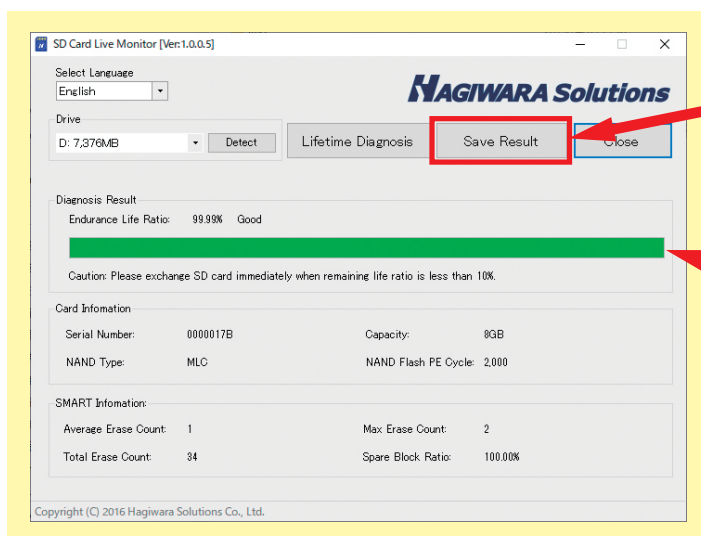# Life Prediction Tools

Livemonitor Software

You can diagnose the life of Hagiwara Flash Storages, using Livemonitor software.

SD Card Live Monitor [Ver: 1.0.0.5]

HAGIWARA Solutions

Select Language
English

Drive
D: 7,376MB   Detect   Lifetime Diagnosis   Save Result   Close

Diagnosis Result
Endurance Life Ratio: 99.99%   Good

Caution: Please exchange SD card immediately when remaining life ratio is less than 10%.

Card Infomation
Serial Number: 0000017B   Capacity: 8GB
NAND Type: MLC   NAND Flash PE Cycle: 2,000

SMART Infomation:
Average Erase Count: 1   Max Erase Count: 2
Total Erase Count: 34   Spare Block Ratio: 100.00%

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You can export the log data.
*Excel format

Life Indicator

Green
Rest of life: **more than 20 %**

Yellow
Rest of life: **10 % to 20 %**

Red
Rest of life: **less than 10 %**

GUI supports visual management.
*We also offer you **API**.

Features

Device Information

- **S.M.A.R.T. Values**
- **Temperature**
- **Life Estimate**

Access Analysis *1

- **Read/Write Ratio**
- **Data Transfer Size Ratio**
- **Sequential Access Ratio**

Device Settings *2

- **Perform Secure Erase**
- **PSID Revert to reset TCG Opal settings**
- **Enable eDrive (IEEE1667)**

Block Information *1

- **Drive Map**
- **Utilization Rate**
- **Erase Count**
- **Read Count**
- **Reallocated Count**

Other Functions *2

- **Firmware Update**
- **PDF Report**

*1: Compatible SATA 6.0Gbps models only.
*2: Target SSD must have corresponding functions.
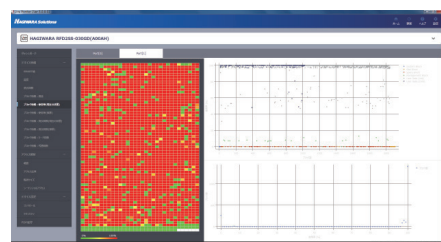
Drive Monitoring

Access Pattern Analysis
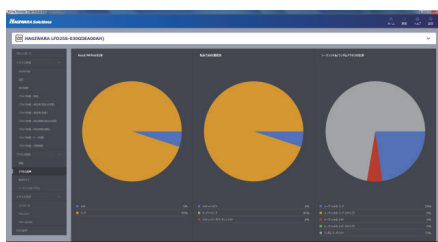
Provides in-depth SSD access pattern analysis for system performance optimization.

Access Analysis *1
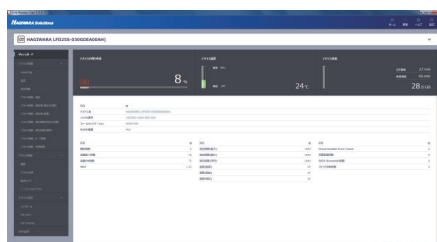
Provides accurate life estimation based on real usage data.

Block Information *1

Visualizes SSD usage at block level to help determining optimal device configuration for maximized life.

■Partner :