



SSD ToolBox

User Manual

Version 1.0

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2. Product Brief

SSD ToolBox is a diagnostic software designed for the entire range of Team Group solid-state drive (SSD) products. It aims to help users easily obtain information about the product they are using, and quickly perform simple configurations and tests, allowing for easy monitoring of product health and performance.

With SSD ToolBox, you can perform the following tasks on all of your SSDs:

***Disk Information:** provides information on the specified device, including capacity, space used, hard drive temperature, and total writes values.

S.M.A.R.T: provides an S.M.A.R.T. report for monitoring the current operational status of the specified device.

Life Span: monitors current wear level of the specified device.

DATA Migration: a hard drive sector data migration tool for migrating data. It can be used to move data (including music, pictures, documents, and video, etc.) and operating systems from one PC to another.

3. System Requirements

Operating System: Microsoft Window® 7 32bit/ 64bit, Windows® 8 32bit/ 64bit, Windows® 8.1 32bit / 64bit, Windows® 10 32bit/ 64bit.

4. Notes

SSD ToolBox is only for use with Team SSDs (entire range) and T-FORCE SSD products.

5. Software Limitations

Currently only supports physical SSDs.

SSD Support Matrix O : Supported X : Not supported

		Disk Info	S.M.A.R.T	Data Migration	Life Span
SATA	L3 EVO	O	O	O	O
	L5 LITE 3D	O	O	O	O
	L5 LITE	O	O	O	O
	L7 EVO	O	O	O	X
	Delta RGB	O	O	O	O
	MS30	O	O	O	O
	M.2 LITE	O	O	O	O
PCI-E	CARDEA	O	O	X	O
	CARDEA ZERO	O	O	X	O
	P30	O	O	X	O
	MP32	O	O	X	O

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6. Features Overview

6.1 Launching SSD ToolBox

Please download SSD ToolBox from the official website:

https://www.teamgroupinc.com/en/support/download.php?index_m_id=3

and decompress the downloaded file. Then double-click "SSD ToolBox" to launch the ToolBox for installation. Please decompress the software file, which will create an "SSD ToolBox" folder. Open the "ToolBox" folder to find a file named "SSD ToolBox".

Click on the app to run and use without installing, as shown in Figure 6.1.1.

6.1.1



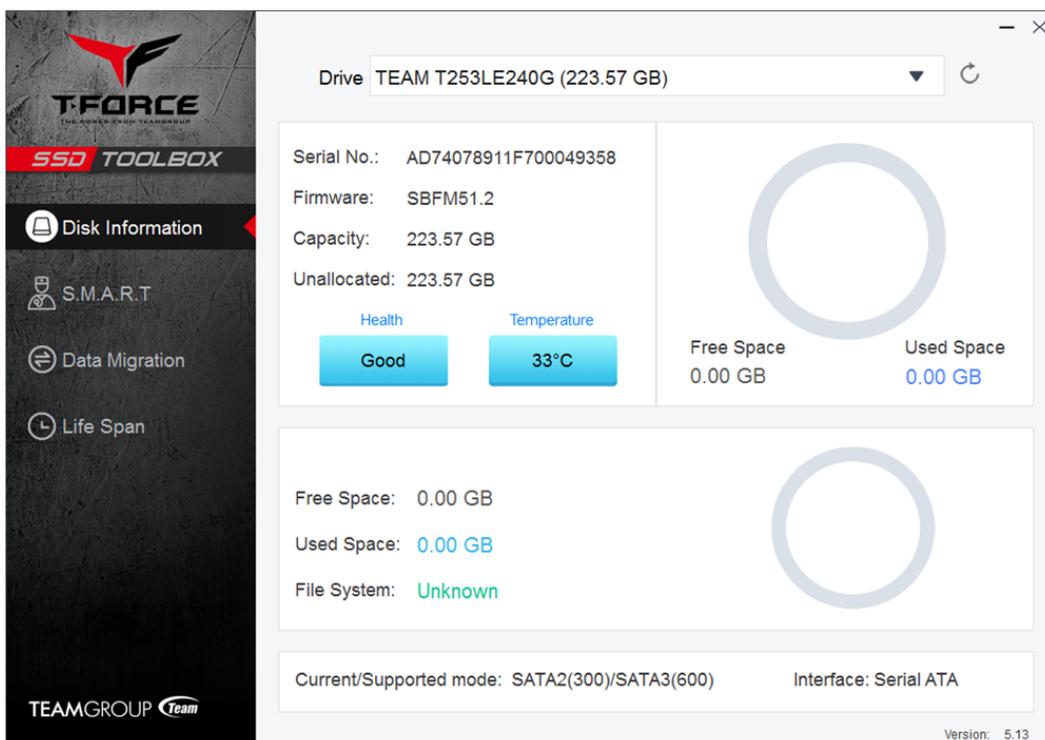
6.2 Features Overview

Every time SSD ToolBox is launched, the main screen will be shown. The left side of the page shows function options, while the right side shows the content for the "Disk Information" option.

6.3 SSD ToolBox Main Screen Features Overview

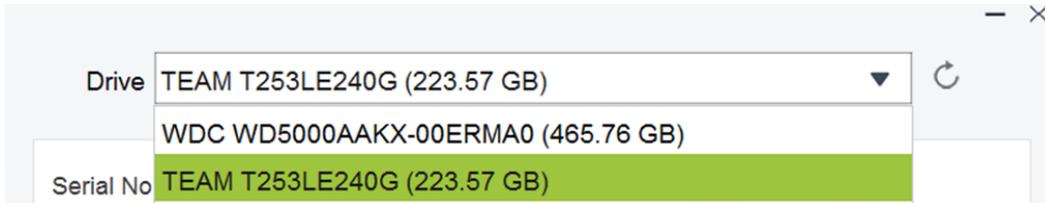
This is the initial screen that displays when SSD ToolBox is launched, as shown in Figure 6.2.1.

6.2.1



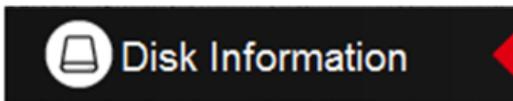
Use the drop-down menu to select the drive to be used, as shown in Figure 6.2.3

6.2.3



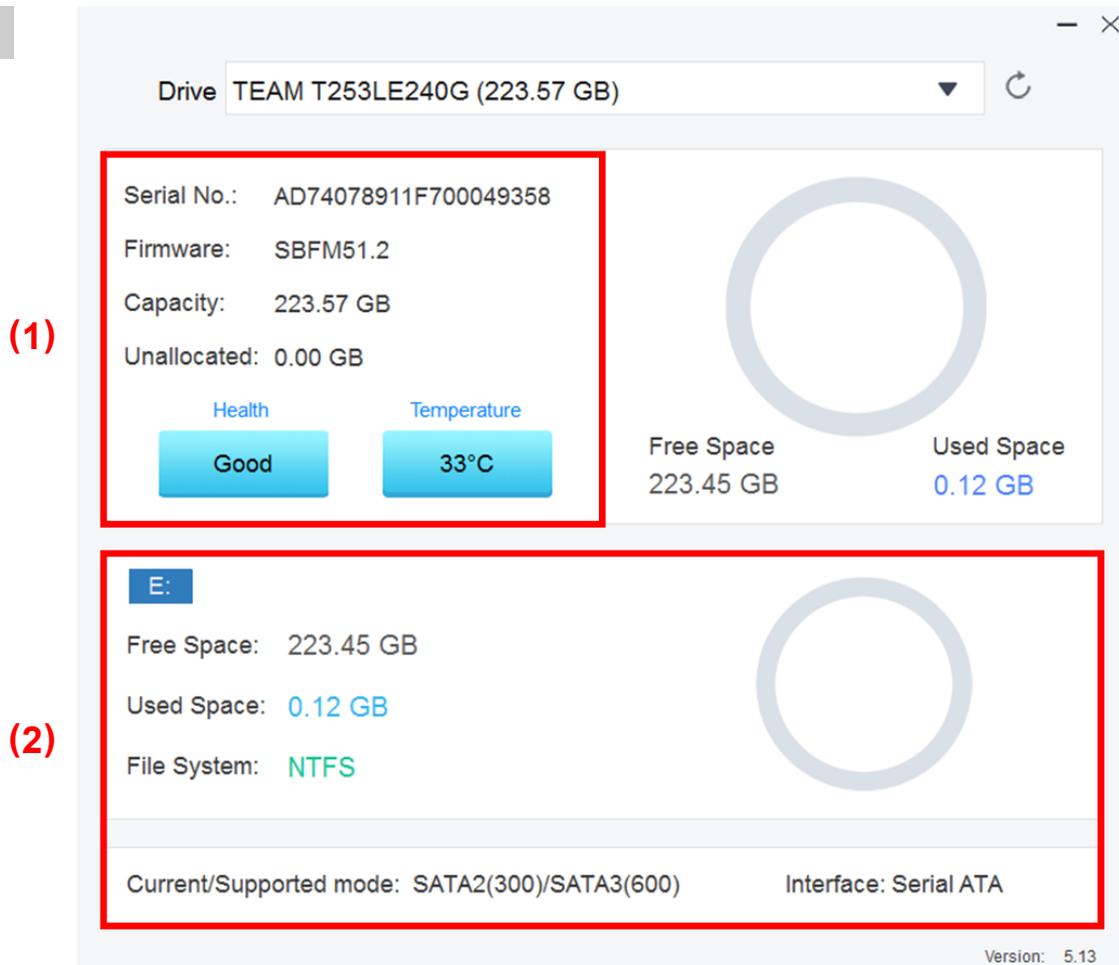
7. SSD ToolBox Features

7.1 Disk information



Displays the basic information for the currently linked SSD. This includes: SSD information, total capacity and capacity used, amount of data written, and current operating temperature, as shown in Figure 7.1.1.

7.1.1



(1) DEVICE INFO

Shows the name of the SSD, its serial number, firmware version, health, and operating temperature.

HEALTH

Good (blue) All attributes normal.

Warning (yellow) Some attributes abnormal.

Danger (Red) Important attributes abnormal. * Please back up your data as soon

(2) CAPACITY USAGE

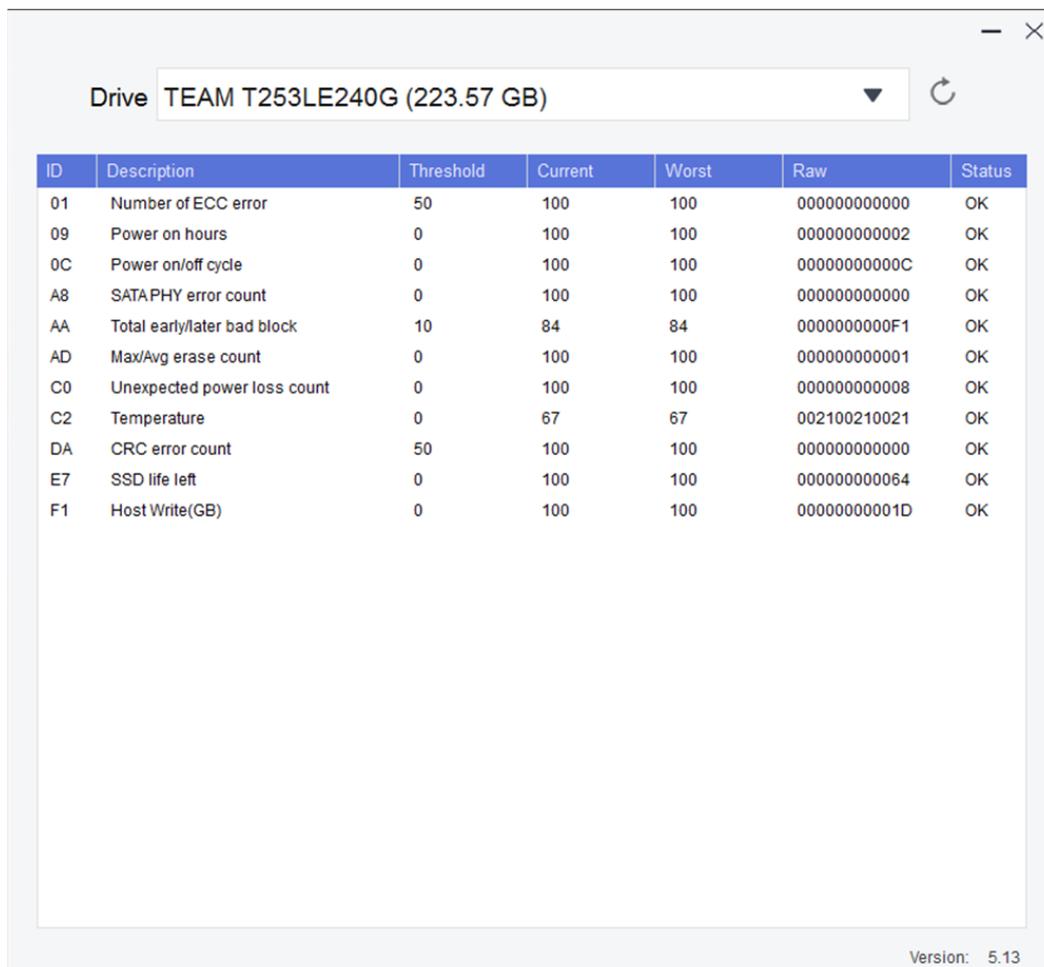
Shows the drive's total capacity, capacity used, and total amount of data written.

7.2 S.M.A.R.T



S.M.A.R.T.(Self-Monitoring Analysis and Reporting Technology) This function can be used to monitor the health of hard drives and predict possible drive failures. For sample results, please see Figure 7.2.1. Note that different products will produce a different list of result items.

7.2.1



ID	Description	Threshold	Current	Worst	Raw	Status
01	Number of ECC error	50	100	100	000000000000	OK
09	Power on hours	0	100	100	000000000002	OK
0C	Power on/off cycle	0	100	100	00000000000C	OK
A8	SATA PHY error count	0	100	100	000000000000	OK
AA	Total early/late bad block	10	84	84	0000000000F1	OK
AD	Max/Avg erase count	0	100	100	000000000001	OK
C0	Unexpected power loss count	0	100	100	000000000008	OK
C2	Temperature	0	67	67	002100210021	OK
DA	CRC error count	50	100	100	000000000000	OK
E7	SSD life left	0	100	100	000000000064	OK
F1	Host Write(GB)	0	100	100	00000000001D	OK

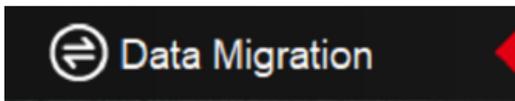
Version: 5.13

7.3 DATA Migration

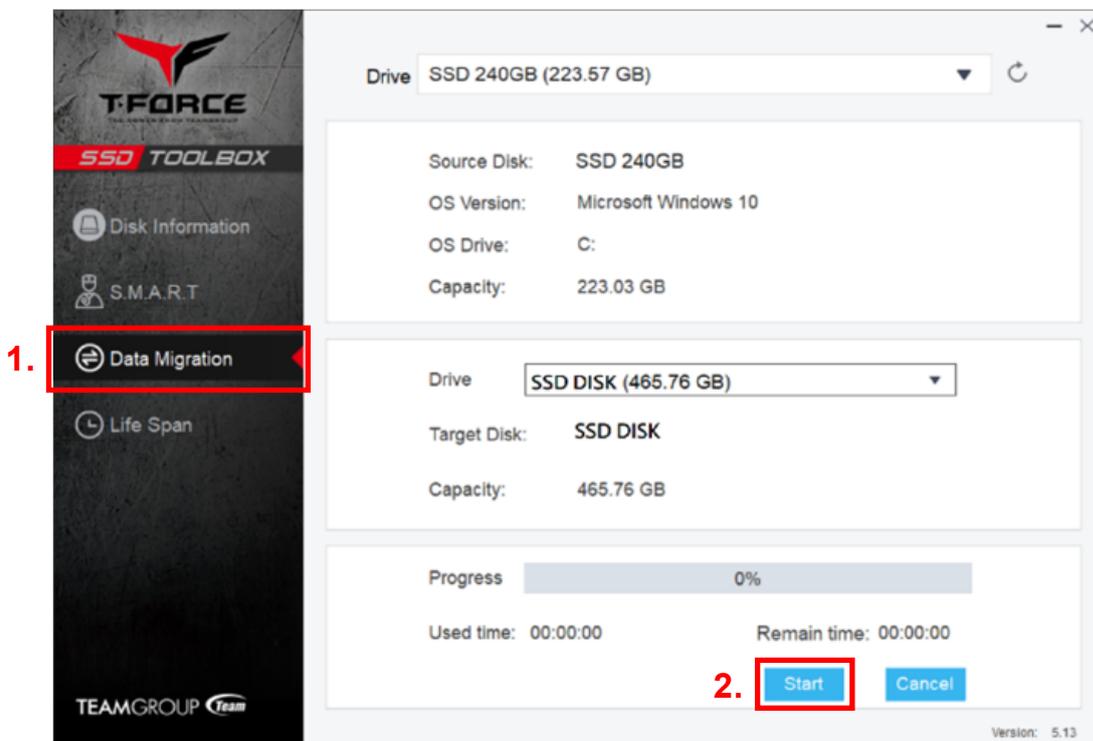
Note :

- Support insert the disk by SATA
- Target disk can not be the same name as the original disk and target disk must clean disk Partition
- The migration process do not perform other operations

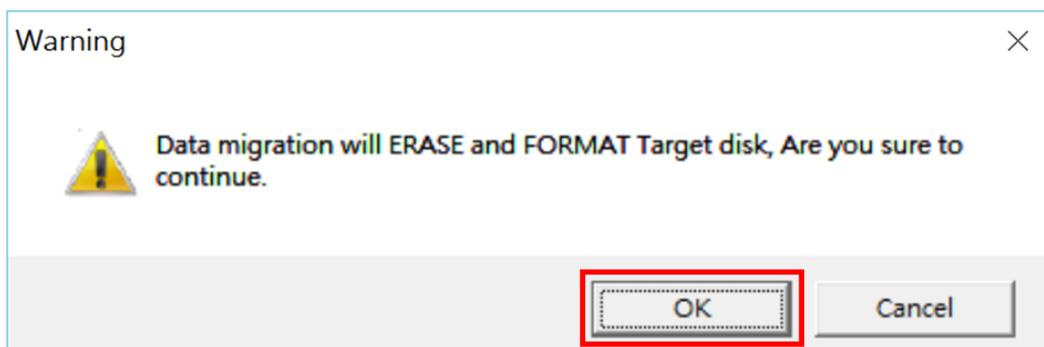
1. Open the Tool , choose the Data Migration



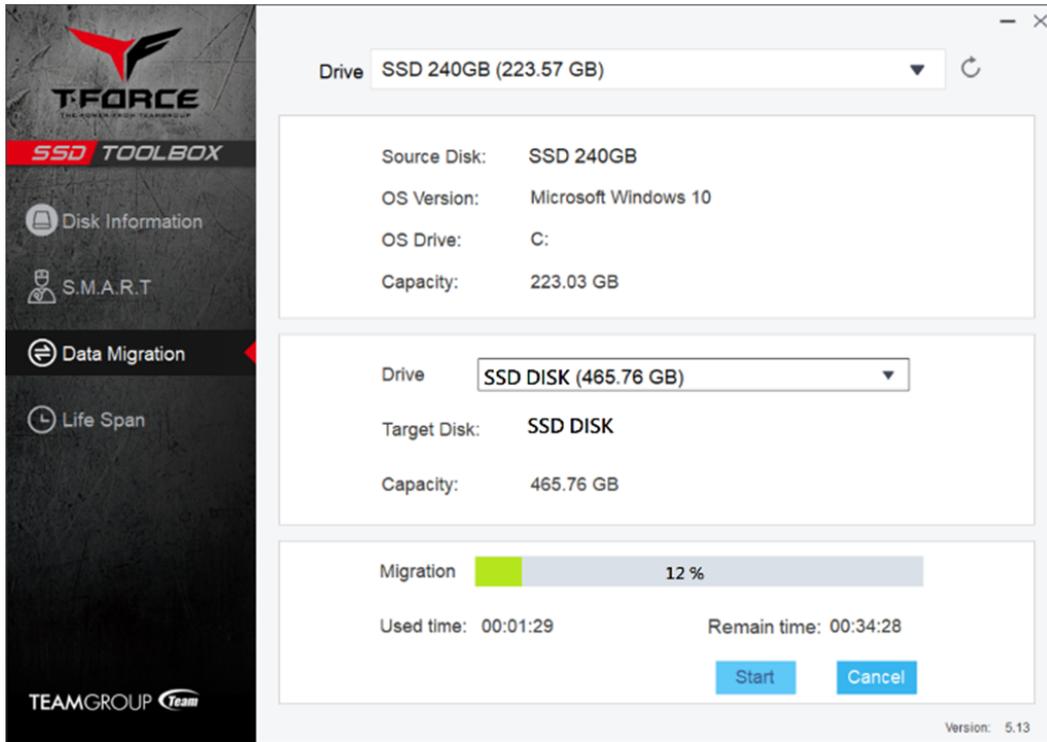
2. Select the the original disk and Target disk , click“Start”



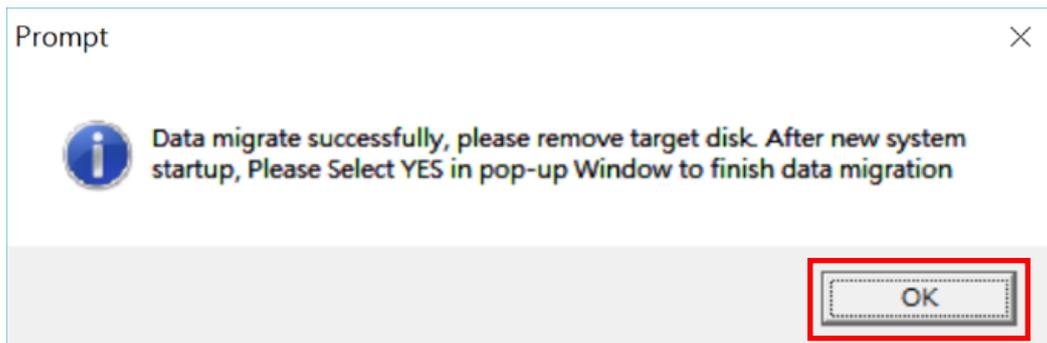
3. Click OK



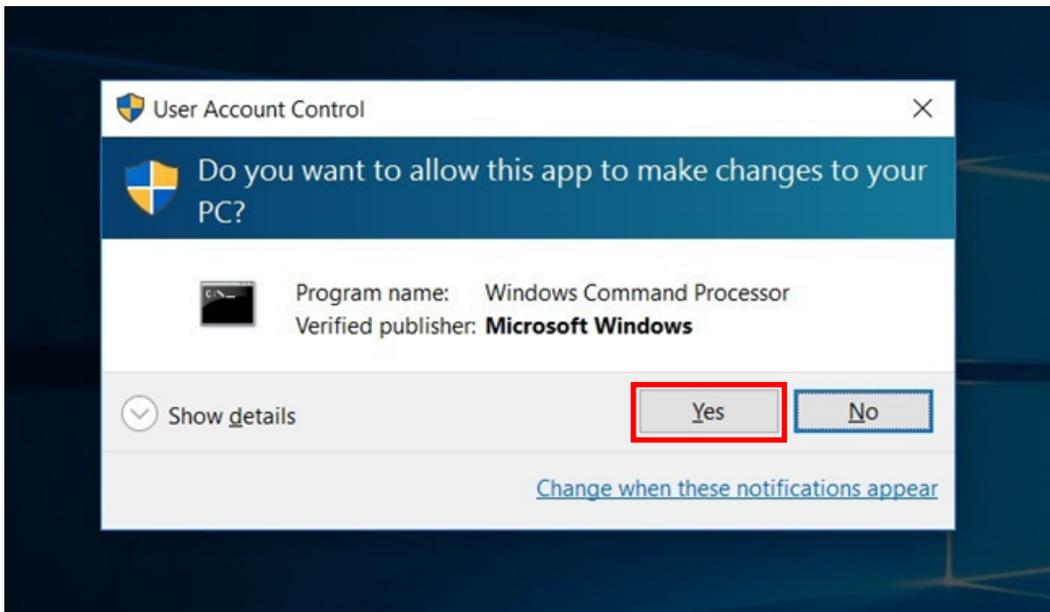
4. The migration process do not perform other operations.



5. After migration succeeded, close the tool, Unplug original disk , the target to start.use



6. If the target drive is your system boot drive, please select "Yes" at the UAC prompt.



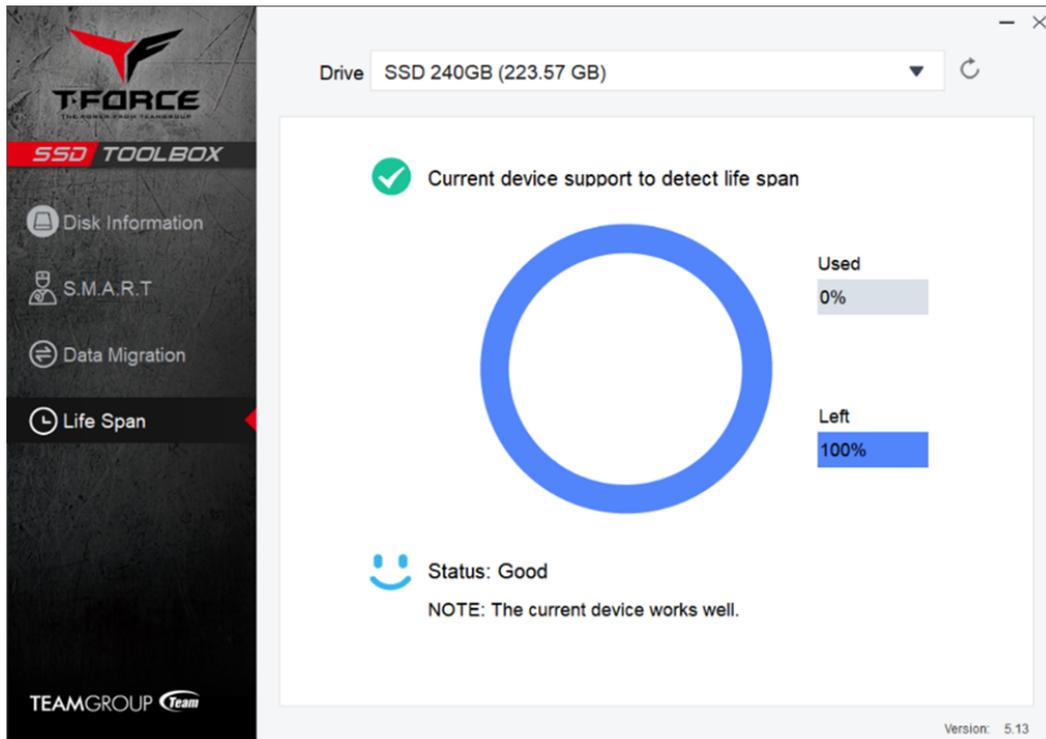
7. Done

7.4 Life Span



Shows the remaining life span of the SSD. This is an estimated value derived from the S.M.A.R.T.

* If the life span is lower than 10%, please make a full backup of your data.



9. Release notes

Date	Version	Description
2018/10/25	1.0	First Release