

Supported Model List



SRT FOR SEAGATE SAS

VERSION 3.0

1 Introduction:

SRT stands for Server Disk Recovery Tool, **SRT FOR SEAGATE SAS** specializes in repairing SEAGATE enterprise and server drives with firmware failure, could repair all SCSI drive models developed by SEAGATE manufacturer and SEAGATE OEM drives before June 1, 2010 (both 2.5-inch and 3.5-inch).

Some common firmware failure regarding SEAGATE SAS drives are as follows:

1. Cheetah 15K.3, Cheetah 15K.4 or previous models (3.5") and Savvio 10.1 (2.5"):

Drive model is available but no capacity shown, SAS card reports "Medium Error" and "Sense Key: 0x03 (KEY_MEDIUM_ERROR)".

2. New Cheetah 15K.5, 15K.6 and 15K.7 (3.5") and Savvio 10K.2, 10K.3 and 15K.1 (2.5"):

Drive model and capacity are available; the entire disk of bad tracks; Unable to access any sector in WinHex; it shows "!" on entire disk in test software, such as MHDD.

3. We have tested all new SEAGATE SAS drives so far, **SRT FOR SEAGATE SAS** can support all the latest SEAGATE SAS drive models. (Please refer to the supported list below.)

SRT FOR SEAGATE SAS takes advantage of factory level instructions and it's easier to repair SAS drive with firmware failure by virtue of **One-Click Repair. Wizard Version** completely absorbs essences of **SCSITOOl-Professional Version** in order to avoid complicated firmware reading and writing. Meanwhile, it can repair:

- translator failure, G-List error;
- model available but no capacity, capacity=None;
- Sense Key: 0x03 (KEY_MEDIUM_ERROR)
- 0 LBA
- "Medium Error" reported in SAS card
- bad tracks shown on entire disk

SRT FOR SEAGATE SAS may rapidly rebuild **Drive Parameters** to save your priceless data. We have enhanced test and repair function for new Version 3.0, in addition, **SRT FOR SEAGATE SAS** adds the latest SCSI/FC/SAS drive models as well as IBM-ESXS series!

SRT FOR SEAGATE SAS –Ver.3.0 fulfilled compatibility test for operating system, such as Win2000/2003/7/XP/Vista. The new **SRT FOR SEAGATE SAS-Ver.3.0** may support SAS card of more brands because of the latest optimization and integration, at the same time **SRT FOR SEAGATE SAS** has the best compatibility with SAS card.

Note: please identify your hard drive belongs to firmware failure before repairing and software purchase.

Common ways:

- If SRT software reports "Medium Error" and "Sense Key: 0x03", indicating that it belongs to firmware failure, so you may select **SRT** to repair your patient hard drive.
- If SRT software reports "Off-Line" and "Sense Key: 0x02", indicating that it belongs to hardware failure, first you should solve hardware issue.
- In the supported model list, if the models in the area marked with blue color occurred firmware failure, it reports "Medium Error", "0 LBA", "capacity is null", "capacity=None" or "Unable to access". If SRT reports "Off-Line" error, first you should replace PCB and use ROM attached with source disk to exclude hardware issue.
- If the models in the area marked with gray color occurred failure, and the drive reports: "capacity is available and shows normal capacity", and in the SRT it shows "Medium Error", "Unable to access", "bad sectors shown on the entire disk". If SRT reports "Off-Line", indicating that more than 80% of failure reason is due to head corruption or hardware issue caused by platter corruption.

2 Supported Model List

2.1 ORIGINAL SEAGATE SAS DRIVE

Series	Model number	Capacity	Head Number	Specification	SAS Controller
Cheetah 15K.3	ST336753SS	36GB	4	3.5	Dual port SAS
	ST373453SS	73GB	8	3.5	Dual port SAS
Cheetah 15K.4	ST336754SS	36GB	2	3.5	Dual port SAS
	ST373454SS	73GB	4	3.5	Dual port SAS
	ST3146854SS	146GB	8	3.5	Dual port SAS
Cheetah 15K.5	ST373455SS	73GB	2	3.5	Dual port SAS
	ST3146855SS	146GB	4	3.5	Dual port SAS
	ST3300655SS	300GB	8	3.5	Dual port SAS
Cheetah 15K.6	ST3146356SS	146GB	3	3.5	Dual port SAS
	ST3300656SS	300GB	6	3.5	Dual port SAS
	ST3450856SS	450GB	8	3.5	Dual port SAS
	ST3146756SS	146GB	3	3.5	Dual port SAS
	ST3300056SS	300GB	6	3.5	Dual port SAS
	ST3450056SS	450GB	8	3.5	Dual port SAS
Cheetah 15K.7	ST3300657SS	300GB	4	3.5	Dual port SAS
	ST3450857SS	450GB	6	3.5	Dual port SAS
	ST3600057SS	600GB	8	3.5	Dual port SAS
	ST3300557SS	300GB	4	3.5	Dual port SAS
	ST3450757SS	450GB	6	3.5	Dual port SAS

	ST3600957SS	600GB	8	3.5	Dual port SAS
Cheetah NS	ST3400755SS	400GB	8	3.5	Dual port SAS
Cheetah NS.2	ST3450802SS	450GB	6	3.5	Dual port SAS
	ST3600002SS	600GB	8	3.5	Dual port SAS
Cheetah T10	ST373355SS	73GB	2	3.5	Dual port SAS
	ST3146755SS	146GB	4	3.5	Dual port SAS
	ST3300555SS	300GB	8	3.5	Dual port SAS
Savvio 10K	ST936701SS	36GB	2	2.5	Dual port SAS
	ST973401SS	73GB	4	2.5	Dual port SAS
Savvio 10K.2	ST973402SS	73GB	2	2.5	Dual port SAS
	ST9146802SS	146GB	4	2.5	Dual port SAS
Savvio 10K.3	ST9146803SS	146GB	2	2.5	Dual port SAS
	ST9146703SS	146GB	2	2.5	Dual port SAS
	ST9300603SS	300GB	4	2.5	Dual port SAS
	ST9300503SS	300GB	4	2.5	Dual port SAS
Savvio 10K.4	ST9600204SS	600	5	2.5	Dual port SAS
	ST9600104SS	600	5	2.5	Dual port SAS
	ST9450404SS	450	6	2.5	Dual port SAS
	ST9450304SS	450	6	2.5	Dual port SAS
Savvio 15K.1	ST936751SS	36GB	2	2.5	Dual port SAS
	ST973451SS	73GB	4	2.5	Dual port SAS
Savvio 15K.2	ST973452SS	73GB	2	2.5	Dual port SAS
	ST9146852SS	146GB	4	2.5	Dual port SAS

	ST973352SS	73GB	2	2.5	Dual port SAS
	ST9146752SS	146GB	4	2.5	Dual port SAS
Barracuda ES.2	ST3500620SS	500GB	4	3.5	Dual port SAS
	ST3750630SS	750GB	6	3.5	Dual port SAS
	ST31000640SS	1000GB	8	3.5	Dual port SAS
Constellation ES	ST3500414SS	500GB	2	3.5	Dual port SAS
	ST3500415SS	500GB	2	3.5	Dual port SAS
	ST31000424SS	1000GB	4	3.5	Dual port SAS
	ST31000425SS	1000GB	4	3.5	Dual port SAS
	ST32000444SS	2000GB	8	3.5	Dual port SAS
	ST32000445SS	2000GB	8	3.5	Dual port SAS
Constellation	ST9500430SS	500GB		2.5	Dual port SAS
	ST9500431SS	500GB		2.5	Dual port SAS

2.2 IBM SAS DRIVE (SEAGATE OEM)

Series	Model number	Capacity	Head Number	Specification	SAS Controller
Cheetah 15K.4	IBM-ESXS-ST336754SS	36GB	2	3.5	Dual port SAS
	IBM-ESXS-ST373454SS	73GB	4	3.5	Dual port SAS
	IBM-ESXS-ST3146854SS	146GB	8	3.5	Dual port SAS
Cheetah 15K.5	IBM-ESXS-IBM-ESXS-ST373455SS	73GB	2	3.5	Dual port SAS
	IBM-ESXS-IBM-ESXS-	146GB	4	3.5	Dual port SAS

	ST314685SS				
	IBM-ESXS-ST3146855ss	146GB	4	3.5	Dual port SAS
	IBM-ESXS-ST3300655SS	300GB	8	3.5	Dual port SAS
Cheetah 15K.6	IBM-ESXS-ST3146356SS	146GB	3	3.5	Dual port SAS
	IBM-ESXS-ST3300656SS	300GB	6	3.5	Dual port SAS
	IBM-ESXS-ST3450856SS	450GB	8	3.5	Dual port SAS
	IBM-ESXS-ST3146756SS	146GB	3	3.5	Dual port SAS
	IBM-ESXS-ST3300056SS	300GB	6	3.5	Dual port SAS
	IBM-ESXS-ST3450056SS	450GB	8	3.5	Dual port SAS
Cheetah 15K.7	IBM-ESXS-ST3300657SS	300GB	4	3.5	Dual port SAS
	IBM-ESXS-ST3450857SS	450GB	6	3.5	Dual port SAS
	IBM-ESXS-ST3600057SS	600GB	8	3.5	Dual port SAS
	IBM-ESXS-ST3300557SS	300GB	4	3.5	Dual port SAS
	IBM-ESXS-ST3450757SS	450GB	6	3.5	Dual port SAS
	IBM-ESXS-ST3600957SS	600GB	8	3.5	Dual port SAS
Cheetah NS.2	IBM-ESXS-ST3450802SS	450GB	6	3.5	Dual port SAS
	IBM-ESXS-ST3600002SS	600GB	8	3.5	Dual port SAS
Savvio 15K.1	IBM-ESXS-ST936751SS	36GB	2	2.5	Dual port SAS
	IBM-ESXS-ST973451SS	73GB	4	2.5	Dual port SAS
Savvio 15K.2	IBM-ESXS-ST973452SS	73GB	2	2.5	Dual port SAS
	IBM-ESXS-ST9146852SS	146GB	4	2.5	Dual port SAS
	IBM-ESXS-ST973352SS	73GB	2	2.5	Dual port SAS
	IBM-ESXS-ST9146752SS	146GB	4	2.5	Dual port SAS

Savvio 10K.1	IBM-ESXS-ST936701SS	36GB	2	2.5	Dual port SAS
	IBM-ESXS-ST973401SS	73GB	4	2.5	Dual port SAS
Savvio 10K.2	IBM-ESXS-ST9146802SS	146GB	4	2.5	Dual port SAS
Savvio 10K.3	IBM-ESXS-ST9146803SS	146GB	2	2.5	Dual port SAS
	IBM-ESXS-ST9146703SS	146GB	2	2.5	Dual port SAS
	IBM-ESXS-ST9300603SS	300GB	4	2.5	Dual port SAS
	IBM-ESXS-ST9300503SS	300GB	4	2.5	Dual port SAS
Savvio 10K.4	IBM-ESXS-ST9600204SS	600	5	2.5	Dual port SAS
	IBM-ESXS-ST9600104SS	600	5	2.5	Dual port SAS
	IBM-ESXS-ST9450404SS	450	6	2.5	Dual port SAS
	IBM-ESXS-ST9450304SS	450	6	2.5	Dual port SAS
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	ST3750630SS	750GB	6	3.5	Dual port SAS
	ST31000640SS	1000GB	8	3.5	Dual port SAS
Cheetah T10	ST373355SS	73GB	2	3.5	Dual port SAS
	ST3146755SS	146GB	4	3.5	Dual port SAS
	ST3300555SS	300GB	8	3.5	Dual port SAS
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	ST3500415SS	500GB	2	3.5	Dual port SAS
	ST31000424SS	1000GB	4	3.5	Dual port SAS
	ST31000425SS	1000GB	4	3.5	Dual port SAS
	ST32000444SS	2000GB	8	3.5	Dual port SAS

	ST32000445SS	2000GB	8	3.5	Dual port SAS
Cheetah 15K.5	ST314685SS	500GB		2.5	Dual port SAS

Note: Some OEM manufacturers often change drive models, **SRT FOR ST SAS** can support a plenty of SEAGATE OEM drives (i.e. SUN, COMPAQ, DELL, EMC, HDS, Brocade, IBM, SGI, etc.) and the DSP coming from PCB on the drive can tell you if your hard drive can be supported by **SRT**, also **SRT** may support the drive with SAS interface which **SEAGATE** logo labeled on the main DSP.

3 Customer Service Contacts

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As SEAGATE technology R&D department, we have better technology than **SRT FOR SEAGATE DRIVE**.

If you still have questions unsolved, please contact:

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