

Supported Model List



SRT FOR SEAGATE FC

VERSION 3.0

1 Introduction:

SRT stands for Server Disk Recovery Tool, **SRT FOR SEAGATE FC** specializes in repairing SEAGATE FC (Fibre Channel) drives with firmware failure, and could repair all SEAGATE FC 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 FC 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, FC card reports "Medium Error" and "Sense Key: 0x03 (KEY_MEDIUM_ERROR)".

2. New Cheetah 15K.5, 15K.6, 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 the latest SEAGATE FC drives so far, **SRT FOR SEAGATE FC** can repair all SEAGATE FC drives with firmware failure. (Please refer to the supported list below.)

SRT FOR SEAGATE FC takes advantage of factory level instructions and it's easier to repair FC 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)
- Capacity 0 LBA or Capacity -----
- "Medium Error" reported in SCSI card
- bad tracks shown on entire disk

SRT FOR SEAGATE FC 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 FC** adds the latest supported FC drive models as well as IBM-ESXS series!

SRT FOR SEAGATE FC –Ver.3.0 fulfilled compatibility test for operating system, such as Win2000/2003/7/XP/Vista. The new **Version 3.0** may support FC card of more brands because of the latest optimization and integration, at the same time **SRT FOR SEAGATE FC** software has the best compatibility with FC 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 FOR SEAGATE FC** to repair your patient hard drive.
- If SRT reports "Off-Line", 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, 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 FC DRIVE

Series	Model number	Capacity	Head Number	Specification	FC Controller
Cheetah 18LP	ST318203FC	18GB	12	3.5	Dual port FC-AL
	ST39103FC	9.1GB	6	3.5	Dual port FC-AL
Cheetah 18XL	ST39204FC	9.1GB	3	3.5	Dual port FC-AL
	ST318404FC	18GB	6	3.5	Dual port FC-AL
Cheetah 18	ST118202FC	18GB	24	3.5	Dual port FC-AL
Cheetah 36LP	ST318304FC/FCV	18GB	6	3.5	Dual port FC-AL
	ST336704FC/FCV	36GB	12	3.5	Dual port FC-AL
Cheetah 36XL	ST336705FC	36GB	8	3.5	Dual port FC-AL
Cheetah 36	ST136403FC	36GB	24	3.5	Dual port FC-AL
	ST136403FCV	36GB	24	3.5	Dual port FC-AL
Cheetah 73LP	ST336605FC/FCV	36GB	4	3.5	Dual port FC-AL
	ST373405FC/FCV	73GB	8	3.5	Dual port FC-AL
Cheetah 73	ST173404FC	73GB	24	3.5	Dual port FC-AL
	ST173404FCV	73GB	24	3.5	Dual port FC-AL
Cheetah 9	ST19101FC	9.1GB	16	3.5	Dual port FC-AL
Cheetah 9LP	ST39102FC	9.1GB	12	3.5	Dual port FC-AL
Cheetah 4LP	ST34501FC	4.5GB	8	3.5	Dual port FC-AL
Cheetah 10K.6	ST336607FC	36GB	2	3.5	Dual port FC-AL
	ST373307FC	73GB	4	3.5	Dual port FC-AL

	ST3146807FC	146GB	8	3.5	Dual port FC-AL
Cheetah 10K.7	ST373207FC	73GB	2	3.5	Dual port FC-AL
	ST3146707FC	146GB	4	3.5	Dual port FC-AL
	ST3300007FC	300GB	8	3.5	Dual port FC-AL
Cheetah 10K.7 36GB	ST336807FC	36GB	1	3.5	Dual port FC-AL
Cheetah X15	ST318451FC	18GB	10	3.5	Dual port FC-AL
Cheetah X15 36LP	ST318432FC	18GB	4	3.5	Dual port FC-AL
	ST318452FC	18GB	4	3.5	Dual port FC-AL
	ST336732FC	36GB	8	3.5	Dual port FC-AL
	ST336752FC	36GB	8	3.5	Dual port FC-AL
Cheetah 15K.3	ST318453FC	18GB	2	3.5	Dual port FC-AL
	ST336753FC	36GB	4	3.5	Dual port FC-AL
	ST373453FC	73GB	8	3.5	Dual port FC-AL
Cheetah 15K.4	ST336754FC	36GB	2	3.5	Dual port FC-AL
	ST373454FC	73GB	4	3.5	Dual port FC-AL
	ST3146854FC	146GB	8	3.5	Dual port FC-AL
	ST336854FC	36GB	2	3.5	Dual port FC-AL
	ST373554FC	73GB	4	3.5	Dual port FC-AL
	ST3146954FC	146GB	8	3.5	Dual port FC-AL
Cheetah 15K.5	ST373455FC	73GB	2	3.5	Dual port FC-AL
	ST3146855FC	146GB	4	3.5	Dual port FC-AL
	ST3300655FC	300GB	8	3.5	Dual port FC-AL

Cheetah 15K.6	ST3146356FC	146GB	3	3.5	Dual port FC-AL
	ST3300656FC	300GB	6	3.5	Dual port FC-AL
	ST3450856FC	450GB	8	3.5	Dual port FC-AL
	ST3146756FC	146GB	3	3.5	Dual port FC-AL
	ST3300056FC	300GB	6	3.5	Dual port FC-AL
	ST3450056FC	450GB	8	3.5	Dual port FC-AL
Cheetah 15K.7	ST3300657FC	300GB	4	3.5	Dual port FC-AL
	ST3450857FC	450GB	6	3.5	Dual port FC-AL
	ST3600057FC	600GB	8	3.5	Dual port FC-AL
	ST3300557FC	300GB	4	3.5	Dual port FC-AL
	ST3450757FC	450GB	6	3.5	Dual port FC-AL
	ST3600957FC	600GB	8	3.5	Dual port FC-AL
Cheetah NS	ST3400755FC	400GB	8	3.5	Dual port FC-AL
	ST3300955FC	300GB	4	3.5	Dual port FC-AL
Cheetah NS.2	ST3300602FC	300GB	4	3.5	Dual port FC-AL
	ST3450802FC	450GB	6	3.5	Dual port FC-AL
	ST3600002FC	600GB	8	3.5	Dual port FC-AL
Savvio 10K	ST936701FC	36GB	2	2.5	Dual port FC-AL
	ST973401FC	73GB	4	2.5	Dual port FC-AL
Savvio 10K.2	ST973402FC	73GB	4	2.5	Dual port FC-AL
	ST9146802FC	146GB	8	2.5	Dual port FC-AL
Savvio 10K.4	ST9600204FC	600GB	6	2.5	Dual port FC-AL
	ST9450404FC	450GB	6	2.5	Dual port FC-AL

Savvio 15K.1	ST936751FC	36GB	2	2.5	Dual port FC-AL
	ST973451FC	73GB	4	2.5	Dual port FC-AL
Barracuda ES.2	ST31000640FC	1000GB	8	3.5	Dual port FC-AL
NL35	ST3500071FC	500GB	8	3.5	Dual port FC-AL
	ST3400071FC	400GB	8	3.5	Dual port FC-AL

2.2 IBM FC DRIVE (SEAGATE OEM)

Series	Model number	Capacity	Head Number	Specification	FC Controller
Cheetah 18LP	IBM-ESXS-ST318203FC	18GB	12	3.5	Dual port FC-AL
	IBM-ESXS-ST39103FC	9.1GB	6	3.5	Dual port FC-AL
Cheetah 18XL	IBM-ESXS-ST39204CF	9.1GB	3	3.5	Dual port FC-AL
	IBM-ESXS-ST318404CF	18GB	6	3.5	Dual port FC-AL
Cheetah 36LP	IBM-ESXS-ST318304FC/FCV	18GB	6	3.5	Dual port FC-AL
	IBM-ESXS-ST336704FC/FCV	36GB	12	3.5	Dual port FC-AL
Cheetah 36XL	IBM-ESXS-ST336705FC	36GB	8	3.5	Dual port FC-AL
Cheetah 36ES	IBM-ESXS-ST318406FC	18GB	2	3.5	Dual port FC-AL
Cheetah 73LP	IBM-ESXS-ST336605FC	36GB	4	3.5	Dual port FC-AL
	IBM-ESXS-ST336605FCV	36GB	4	3.5	Dual port FC-AL
	IBM-ESXS-ST373405FCV	73GB	8	3.5	Dual port FC-AL
Cheetah 73	IBM-ESXS-ST173404FC	73GB	8	3.5	Dual port FC-AL
Cheetah 10K.6	IBM-ESXS-ST336607FC	36GB	2	3.5	Dual port FC-AL
	IBM-ESXS-ST373307FC	73GB	4	3.5	Dual port FC-AL
	IBM-ESXS-ST3146807FC	146GB	8	3.5	Dual port FC-AL

Cheetah 10K.7	IBM-ESXS-ST373207FC	73GB	2	3.5	Dual port FC-AL
	IBM-ESXS-ST3146707FC	146GB	4	3.5	Dual port FC-AL
	IBM-ESXS-ST3300007FC	300GB	8	3.5	Dual port FC-AL
Cheetah X15	IBM-ESXS-ST318451FC	18GB	10	3.5	Dual port FC-AL
Cheetah X15 36LP	IBM-ESXS-ST318432FC	18GB	4	3.5	Dual port FC-AL
	IBM-ESXS-ST318452FC	18GB	4	3.5	Dual port FC-AL
	IBM-ESXS-ST336732FC	36GB	8	3.5	Dual port FC-AL
	IBM-ESXS-ST336752FC	36GB	8	3.5	Dual port FC-AL
Cheetah 15K.3	IBM-ESXS-ST318453FC	18GB	2	3.5	Dual port FC-AL
	IBM-ESXS-ST336753FC	36GB	4	3.5	Dual port FC-AL
	IBM-ESXS-ST373453FC	73GB	8	3.5	Dual port FC-AL
Cheetah 15K.4	IBM-ESXS-ST336754FC	36GB	2	3.5	Dual port FC-AL
	IBM-ESXS-ST373454FC	73GB	4	3.5	Dual port FC-AL
	IBM-ESXS-ST3146854FC	146GB	8	3.5	Dual port FC-AL
	IBM-ESXS-ST336854FC	36GB	2	3.5	Dual port FC-AL
	IBM-ESXS-ST373554FC	73GB	4	3.5	Dual port FC-AL
	IBM-ESXS-ST3146954FC	146GB	8	3.5	Dual port FC-AL
Cheetah 15K.5	IBM-ESXS-IBM-ESXS-ST373455FC	73GB	2	3.5	Dual port FC-AL
	IBM-ESXS-IBM-ESXS-ST314685FCV	146GB	4	3.5	Dual port FC-AL
	IBM-ESXS-ST3146855FC	146GB	4	3.5	Dual port FC-AL
	IBM-ESXS-ST3300655FC	300GB	8	3.5	Dual port FC-AL
Cheetah 15K.6	IBM-ESXS-ST3146356FC	146GB	3	3.5	Dual port FC-AL

	IBM-ESXS-ST3300656FC	300GB	6	3.5	Dual port FC-AL
	IBM-ESXS-ST3450856FC	450GB	8	3.5	Dual port FC-AL
	IBM-ESXS-ST3146756FC	146GB	3	3.5	Dual port FC-AL
	IBM-ESXS-ST3300056FC	300GB	6	3.5	Dual port FC-AL
	IBM-ESXS-ST3450056FC	450GB	8	3.5	Dual port FC-AL
Cheetah 15K.7	IBM-ESXS-ST3300657FC	300GB	4	3.5	Dual port FC-AL
	IBM-ESXS-ST3450857FC	450GB	6	3.5	Dual port FC-AL
	IBM-ESXS-ST3600057FC	600GB	8	3.5	Dual port FC-AL
	IBM-ESXS-ST3300557FC	300GB	4	3.5	Dual port FC-AL
	IBM-ESXS-ST3450757FC	450GB	6	3.5	Dual port FC-AL
	IBM-ESXS-ST3600957FC	600GB	8	3.5	Dual port FC-AL
Cheetah NS.2	IBM-ESXS-ST3300602FC	300GB	4	3.5	Dual port FC-AL
	IBM-ESXS-ST3450802FC	450GB	6	3.5	Dual port FC-AL
	IBM-ESXS-ST3600002FC	600GB	8	3.5	Dual port FC-AL
Savvio 15K.1	IBM-ESXS-ST936751FC	36GB	2	2.5	Dual port FC-AL
	IBM-ESXS-ST973451FC	73GB	4	2.5	Dual port FC-AL
Savvio 10K.1	IBM-ESXS-ST936701FC	36GB	2	2.5	Dual port FC-AL
	IBM-ESXS-ST973401FC	73GB	4	2.5	Dual port FC-AL
	IBM-ESXS-ST9146802FC	146GB	8	2.5	Dual port FC-AL
Savvio 10K.4	IBM-ESXS-ST9600204FC	600GB	6	2.5	Dual port FC-AL
	IBM-ESXS-ST9450404FC	450GB	6	2.5	Dual port FC-AL
Barracuda ES.2	ST31000640FC	1000GB	8	3.5	Dual port FC-AL
	ST3500071FC	500GB	8	3.5	Dual port FC-AL

NL35 Series					
	ST3400071FC	400GB	8	3.5	Dual port FC-AL

2.3 Additionally Added SEAGATE FC DRIVE

Note: Drive capacity under 9.1GB not tested yet

Series	Model number	Capacity	Head Number	Specification	FC Controller
Barracuda 9LP	ST39173FC	9.1GB	10	3.5	Dual port FC-AL
Barracuda 9	ST19171FC	9.1GB	20	3.5	Dual port FC-AL
Barracuda 50	ST150176FC	50GB	22	3.5	Dual port FC-AL
Barracuda 4LP	ST32171FC	2.1GB	5	3.5	Dual port FC-AL
	ST34371FC	4.3GB	10	3.5	Dual port FC-AL
	ST34571FC	4.5GB	10	3.5	Dual port FC-AL
Barracuda 4	ST15150FC	4.29GB	21	3.5	Dual port FC-AL
Barracuda 36	ST136475FC	36GB	20	3.5	Dual port FC-AL
Barracuda 180	ST1181677FC	18GB	24	3.5	Dual port FC-AL
	ST1181677FCV	18GB	24	3.5	Dual port FC-AL
Barracuda 18LP	ST318275FC	18GB	10	3.5	Dual port FC-AL
	ST39175FC	9.1GB	5	3.5	Dual port FC-AL
Barracuda 18	ST118273FC	18GB	20	3.5	Dual port FC-AL

Note: Some OEM manufacturers often change drive models, **SRT FOR SEAGATE** 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 SCSI interface which **SEAGATE** logo labeled on the main DSP.

3 Customer Service Contacts

SRT FOR SEAGATE DRIVER TECHNOLOGY R&D CENTER

CHINA HARBIN HYDATA SOFTWARE CO., LTD.

Add: Room 396, East Zone, Chuanbo Cyber Plaza, Nangang District, Harbin, Heilongjiang Prov., China

Tel: +86 451 87529888 Fax: +86 451 87529888

Customer MSN: Scsitool@hotmail.com

Contact: David Shan

Website: <http://en.hydata.com>

Product Sale Email: sales@hydata.com, Scsitool@hotmail.com

Technical Support Email: support@hydata.com

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

If you still have questions unsolved, please contact:

HYDATA DATA RECOVERY CENTER

Add: Room 301B, Center Zone, Chuanbo Cyber Plaza, Nangang District, Harbin, Heilongjiang Prov., China

Business Tel: +86 451 5555345 55533322 Fax: +86 451 82838431

Customer MSN: Scsitool@hotmail.com

Technical Support: +86 451 82549777

Website: <http://www.hydata.net>

Business Consultation Email: sales@hydata.com