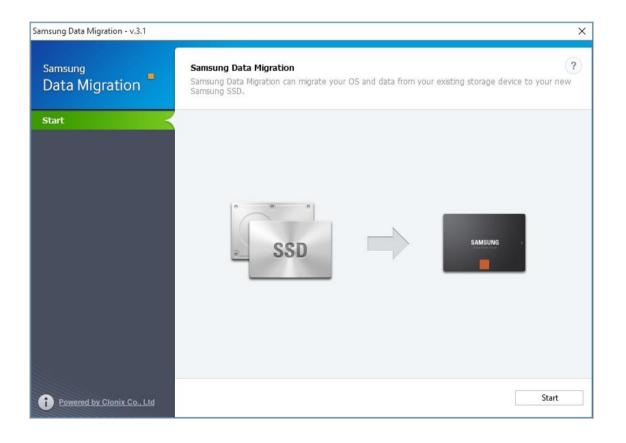
## Samsung SSD Data Migration v.3.1

## User Manual



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#### Introduction

The Samsung Data Migration software is designed to help users quickly, easily, and safely migrate all of their data – including their current operating system, application software, and user data – from their existing storage device (e.g. HDD) to their new Samsung SSD.

Samsung Data Migration software is developed and distributed exclusively for owners of Samsung Solid State Drives (SSDs).

#### **Precautions**

- 1. When cloning the content of the source drive (e.g. HDD), all data on the Target Disk (Samsung SSD) will be deleted and is impossible to recover. Therefore, if you have stored any data that you would like to keep on the Target Disk, please back it up in advance.
  - \* This software is not a data backup solution.
- 2. Samsung Electronics assumes no responsibility for any loss of data that may occur on the Target Disk in the course of using this software and will not be held liable for data recovery services. Even if the migration process fails, data contained on the Source Disk is not affected.

#### Improvements

- 1. Support for new models
- 2. Improvements to the cloning compatibility

### System Requirements

Component	Requirement		
	Windows XP SP2 (32bit)		
	Windows Vista (32/64bit)		
Onerating System	Windows 7 (32/64bit)		
Operating System	Windows 8 (32/64bit)		
	Windows 8.1 (32/64bit)		
	Windows 10 (32/64bit)		
PC Memory (RAM)	1 GB or more		
Disk Space	30 MB required for installation		
Supported Partition Types	MBR, GPT		
Source Disk	The Source Disk (HDD or SSD) must contain the operating system installation		
	The Target Disk must be one of the following:		
	Samsung SSD 960 PRO Series		
	Samsung SSD 960 EVO Series		
	Samsung SSD 750 EVO Series		
	Samsung SSD 950 PRO Series		
	Samsung SSD 850 EVO Series		
Target Disk	Samsung SSD 850 PRO Series		
	Samsung SSD 840 EVO Series		
	Samsung SSD 840 Series		
	Samsung SSD 840 PRO Series		
	Samsung SSD 830 Series		
	Samsung SSD 750 EVO Series		
	Samsung SSD 470 Series		



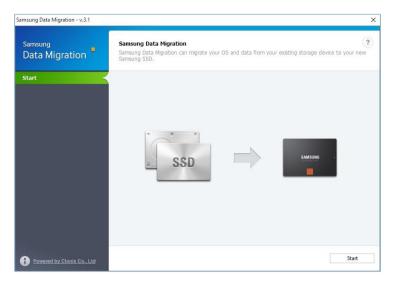
#### Limitations

- 1. This software only supports the Windows operating systems listed in the User Manual.
- This software only supports the Samsung SSDs listed in the User Manual.
   OEM storage devices provided through a computer manufacturer or supplied through another channel are not supported.
- 3. This software will run only if the operating system is installed on the Source Disk. It will not function on disks that lack an operating system installation.
- 4. On systems with two (2) drives or more (e.g. "C:", "D:", and "E:" drives) with the operating system installed on the "C:" drive, only the first two drives will be cloned. The "System" partition that is created during Windows installation is automatically replicated.
- 5. The OEM Recovery partition created by the computer manufacturer as a factory setting will not be cloned. However, it will be automatically cloned if the manufacturer is Samsung and SRS (Samsung Recovery Solution) 5, SRS 6, or SRS 7 is installed. (Versions lower than SRS 5 are not supported.)
- 6. A difference of a few GB of data capacity between the Source and Target Disks is normal after cloning. The software does not copy the files Windows automatically generates to manage virtual memory (page files and hibernation files).
- 7. This software cannot clone encrypted disks. In order to clone an encrypted disk, you must first remove the password from the disk.
- 8. If the mainboard chipset drivers are not up to date when cloning, this software may not function properly.
- 9. If there are multiple operating systems installed on the PC (e.g. Windows 7 is installed on the C drive and Windows 8 is installed on the D drive), the cloned disk may not function properly.
- 10. If the Source Disk is damaged (e.g. the disk has bad sectors), the cloned disk may not function properly.
- 11. When attempting to clone a disk using this software, it is recommended that you close all other programs and free up sufficient memory before cloning.
- 12. If you have instant PC recovery software installed on your system, this software may not function properly.
- 13. If a Source Disk is converted into a dynamic disk, the software may not function properly.
- 14. The files in the user's Library folder are listed by default on the screen for selecting files to exclude during cloning.
- 15. To exclude files that are not in the Library folder, you can search for them by scanning folders. Program Files, Windows files, and Recycle Bin files are not scanned.



#### **User Guide**

- 1. (Normal Mode) If the Source Disk is smaller than the Target Disk
  - STEP 1. Start migration



#### STEP 2. Connect Target Disk

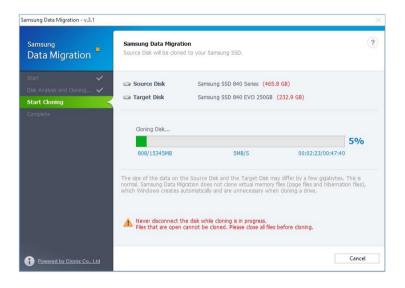
	Samsung Data Migration	?
Samsung Data Migration <sup>■</sup>	Verify Source Disk and Samsung SSD.	Ċ
Start 🗸 🗸 Disk Analysis and Clo 🤜	Source Disk Samsung SSD 840 Series (465.8	GB)
	Dick 0 C:	
	Disk 0 C: 465.86 12.0 / 465.2G	
	2 Target Disk           Image: Constraint of the second sec	+ C
	<< Prev	Start Cancel

- ① If the Target Disk is connected, the status of the Target Disk is displayed on the screen.
  - \* You may need a separate M.2 PCIe/USB converter (connector) to connect an NVMe SSD.

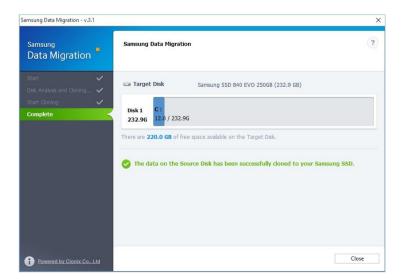
#### STEP 3. Start cloning

amsung Data Migration - v.3.1		>
Samsung Data Migration	Samsung Data Migratio Verify Source Disk and Sar	
Start: 🗸	Source Disk	Samsung SSD 840 Series (465.8 GB)
	Disk 0 C : 465.8G 12.0 / 465.20	5
	2 Target Disk	Samsung SSD 840 EVO 250GB (232.9 GB)
	Disk 1 C: 232.96 12.0 / 232.90	5
Powered by Clonix Co., Ltd		<< Prev Start Cancel

#### STEP 4. Cloning in progress



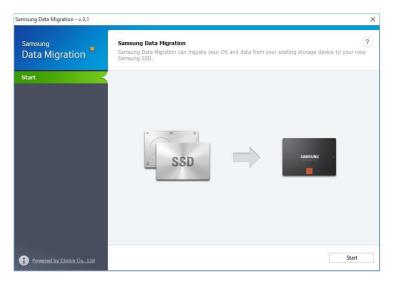
#### STEP 5. Cloning complete





#### 2. (Advanced Cloning) If the Source Disk is bigger than the Target Disk

#### STEP 1. Start migration



#### STEP 2. Connect Target Disk

Samsung Data Migration - v.3.1		Х
Samsung Data Migration	Samsung Data Migration Verify Source Disk and Samsung SSD.	(?)
Start V Disk Analysis and Clo	Source Disk         Samsung SSD 840 Series (465.8 GB)           Disk 0         C : 264.9 / 465.26	
	Target Disk	V+ C
Dewered by Clonix Co., Ltd	<< Prev Start	Cancel

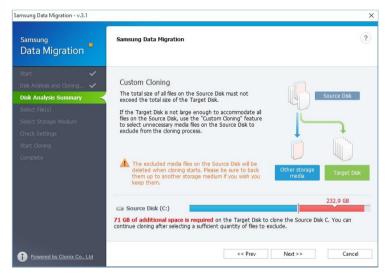
- ① If the Target Disk is connected, the status of the Target Disk is displayed on the screen.
  - \* You may need a separate M.2 PCIe/USB converter (connector) to connect an NVMe SSD.



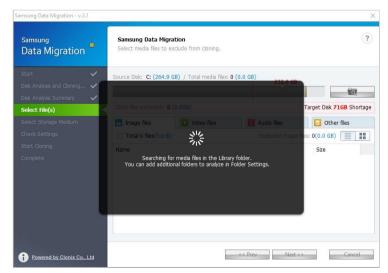
STEP 3. On the Disk Analysis and Cloning Settings screen, click [Next>>]

C	General Deb Marchine	G
Samsung Data Migration	Samsung Data Migration Verfy Source Disk and Samsung SSD.	0
Start: 🗸 🗸	Source Disk Samsung SSD 840 Series (465.8 GB)	
Start Cioning Complete	Disk 0 C: 465.86 264.9 / 465.26	
	Target Disk Samsung SSD 840 EVO 250GB (232.9 GB)     +	à
	Disk1 C:	3
		5
	Disk1 C: 232.96 232.9 / 232.9G	~ >

#### STEP 4. On the Disk Analysis Summary screen, click [Next>>]

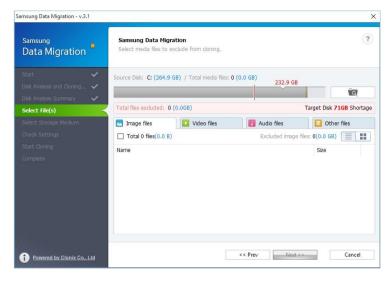


STEP 5. Scan for files in the Library folder to exclude from cloning





#### STEP 7. Click Browse button



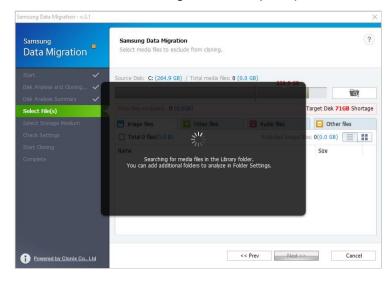
STEP 8. Set a new folder to scan for files to exclude from cloning

Samsung Data Migration - v.3.1		×
Samsung Data Migration	Samsung Data Migration Set Folder(s) to Scan	× ?
Start:   Disk Analysis and Cloning   Disk Analysis Summary  Select File(5)  Select Storage Medium  Check Settings  Start Cloning  Complete	Scan selected folders     Oscan al folders     OneDrive     Administrator     This PC     Documents     Documents     Music     Pictures     Administrator     Recycle Bin     All Control Panel Items     etc     pc     Reset Selection	22.9 68 Target Dick 7168 Shortage IS Cother files d mage files: 0(0.0 GB) III Size
Powered by Clonix Co., Ltd	<< Prev	Next>> Cancel

- ① Select "Scan selected folders" or "Scan all folders" and click [Search].
- Folder designation for scanning
  - Scan selected folders: Scan only the selected folders
  - Scan all folders: Scan all files on the disk



STEP 9. Scan for files to exclude from cloning in the newly set path



#### STEP 10. Select files to exclude from cloning

Samsung Data Migration - v.3.1		х
Samsung Data Migration	Samsung Data Migration Select media files to exclude from cloning.	ি
Start: 🗸 🗸 Start: V Disk Analysis and Cloning V Disk Analysis Summary V	Source Disk: C: (264.9 GB) / Total media files: 1	000 (252.9 GB) 232.9 GB
Select File(s)	Total files excluded: 0 (0.0GB)	Target Disk 71GB Shortage
Select Storage Medium	Image files Video files	Audio files
	Total 250 files(500.0 MB)	Excluded image files: 0(0.0 GB)
	Name PIG-cob T3-0.JPG JPG-cob T3-1.JPG JPG-cob T3-10.JPG PIG-cob T3-101.JPG PIG-cob T3-102.JPG JPG-cob T3-102.JPG JPG-cob T3-103.JPG PIG-cob T3-104.JPG JPG-cob T3-105.JPG JPG-cob T3-105.JPG	2.0 MB 2.0 MB 2.0 MB 2.0 MB 2.0 MB 2.0 MB 2.0 MB 2.0 MB 2.0 MB 2.0 MB
Powered by Clonix Co., Ltd		<< Prev Next.>> Cancel

 Continue selecting files to exclude until the text below the Browse button changes to "Ready to clone to the Target Disk".



#### STEP 11. In the screen for selecting files to exclude, click [Next>>]

msung Data Migration - v.3.1				
Samsung Data Migration	Samsung Data Migration Select media files to exclude from cloning.			?
Start. 🗸	Source Disk: C: (264.9 GB) / Total media files:	1000 (252.9 GB)	232.9 GB	
				<u>a</u>
Select File(s)	Total files excluded: 1000 (252.9GB)		Ready to clone	to the Target Disk
Select Storage Medium	🔀 Image files 🚺 Video files	🗾 Audio t	files 🗧	Other files
	Total 250 files(500.0 MB)	Excluded	image files: 250(0.	5 GB)
	Name		Siz	Contraction International
	JPG-cobT3-0.JPG			MB
	JPG-cobT3-1.JPG			MB
	☑ JPG-cobT3-10.JPG		2.0	MB
	✓ JPG-cobT3-100.JPG		2.0	) MB
	☑ JPG-cobT3-101.JPG		2.0	MB
	☑ JPG-cobT3-102.JPG		2.0	) MB
	☑ JPG-cobT3-103.JPG		2.0	) MB
	✓ JPG-cobT3-104.JPG			) MB
	✓ JPG-cobT3-105.JPG			) MB
	✓ JPG-cobT3-106.JPG		2.0	) MB
Powered by Clonix Co., Ltd		<< Prev	Next >>	Cancel

STEP 12. To clone everything except the selected file(s), go to Step 13.
 To delete the selected file(s) and clone everything else, go to Step 14.
 To save the selected file(s) to another storage device and continue cloning, go to Step 15.

STEP 13. Cloning everything except the selected files

nsung Data Migration - v.3.1	
Samsung Data Migration 📍	Samsung Data Migration ? Select new drive to save selected media files.
Start. 🗸	Total files selected: 1000 (252.9 68)
Disk Analysis Summary 🗸 🗸	Clone everything except the selected file(s)
Select File(s) 🗸	O Delete the selected file(s) and continue cloning
Select Storage Medium	Save the selected file(s) to another storage device and continue cloning
Check Settings	
Start Cloning	
Complete	Select a volume or device to which you want to save the selected media file(s).
	Choose an storage media $\sim$
	Warning: The media files in the selected source disk will be deleted during the cloning process.     Please back them up on a separate storage medium.
Powered by Clonix Co., Ltd	<< Prev Next >> Cancel

 Select the [Clone everything except the selected file(s)] option and then click the [Next>>] button.

STEP 14. Clone after deleting the selected files

nsung Data Migration - v.3.1						
<sub>Samsung</sub> Data Migration	•	Samsung Data Migration Select new drive to save selec	ted media files.			?
Start Disk Analysis and Cloning	~ ~	Total files selected: 1000 (2	52.9 GB)			
	~	O Clone everything except the	e selected file(s)			
Select File(s)	~	Delete the selected file(s) a	nd continue cloning			
Select Storage Medium	$\leq$	O Save the selected file(s) to	another storage device	e and con	tinue cloning	
		Select a volume or device to	o which you want to s	ive the se	elected media file(s).	
		Choose an storage media		~		
		Warning: The media files Please back them up on	in the selected source a separate storage me	e disk will l idium.	be deleted during the	e cloning process.
				Prev	Next >>	Cancel

 Select the [Delete the selected file(s) and continue cloning] option and then click the [Next>>] button.

STEP 15. Cloning after saving the selected files on another storage device

Samsung Data Migration - v.3.1	X
Samsung Data Migration 📍	Samsung Data Migration (?) Select new drive to save selected media files.
Start 🗸 🗸 🗸 Start	Total files selected: 1000 (252.9 GB)
Disk Analysis Summary 🗸 🗸	O Clone everything except the selected file(s)
Select File(s) 🗸	O Delete the selected file(s) and continue cloning
Select Storage Medium	Save the selected file(s) to another storage device and continue cloning
Check Settings	
Start Cloning	Select a volume or device to which you want to save the selected media file(s).
Complete	Select a volume of device to which you want to save the selected media nets).
	(D2) [Local disk] 465:6 GB / 465:8: GB      (Remaining space: 465.6 GB)       You can save the selected media file(s) to the selected partition or device.
	Warning: The media files in the selected source disk will be deleted during the cloning process.     Please back them up on a separate storage medium.
Powered by Clonix Co., Ltd	<< Prev Next >> Cancel

- ① Select the [Save the selected file(s) to another storage device and continue cloning] option.
- ② Select the storage device where you want to save the selected file(s).
- $\bigcirc$  Click the [Next>>] button.

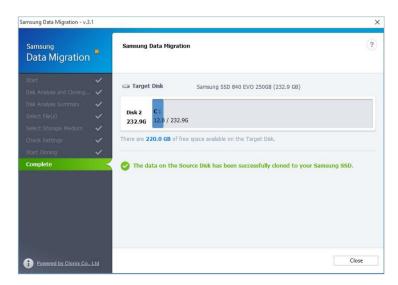
#### STEP 16. Start cloning

Samsung Data Migration - v.3.1			×
Samsung Data Migration	Samsung Data Migrati Please review the total s	ion ize of the files to be cloned.	(?)
Start  Start Start Start Start Select: File(s) Select: Storage Medium	<ul> <li>Source Disk</li> <li>Disk 0</li> <li>C:</li> <li>465.86</li> <li>12.0 / 465.3</li> </ul>	Samsung SSD 840 Series (465.8 GB)	
Check Settings Start: Coning Complete	<ul> <li>Target Disk</li> <li>Disk 2</li> <li>C:</li> <li>232.96</li> <li>12.0 / 232.9</li> </ul>	Samsung SSD 840 EVO 2506B (232.9 68) 96	
Powered by Clonix Co., Ltd		<< Prev Start	Cancel

#### STEP 17. Cloning in progress

<sub>Samsung</sub> Data Migration	۰	Samsung Data Migrat Source Disk will be clone	<b>tion</b> ad to your Samsung SSD.		
Start Disk Analysis and Cloning Disk Analysis Summary Select File(s)	* * * *	<ul> <li>Source Disk</li> <li>Target Disk</li> </ul>	Samsung SSD 840 Series Samsung SSD 840 EVO 2		
Select Storage Medium Check Settings	* * *	Cloning Disk			5%
Start Cloning Complete		897/15348MB	5MB/S	00:02:34/00:51:20	0
		normal. Samsung Data Mi		Disk may differ by a few gigabytes nemory files (page files and hibernat ry when cloning a drive.	
		A Never disconnect t Files that are open	he disk while cloning is in progr cannot be cloned. Please close	ess. all files before cloning.	

#### STEP 18. Cloning complete





# End of Document

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