

Synergix imageIT™ 2009

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Table of contents

COPYRIGHT 1

DISCLAIMER..... 1

TRADEMARKS 1

END USER LICENSE AGREEMENT2

 RELATED LINKS 7

 PRODUCT VERSIONS..... 8

 PRODUCT REQUIREMENTS 8

HOW TO INSTALL 9

GETTING STARTED 10

Volume based backup and restore..... 10

SAMPLE IMAGEIT.INI FILE 13

LICENSING 14

SUPPORT 14

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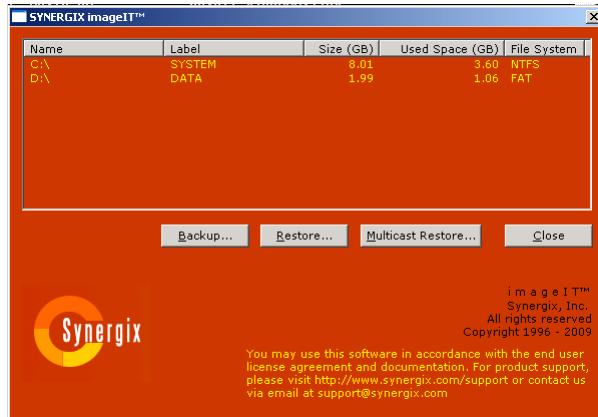
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About imageIT

SYNERGIX imageIT™ (pronounced 'image-it') is the chosen backup and system deployment solution by PC Manufacturers, Dealers, Educational Institutions, Corporations and Small Office / Home Office worldwide. Using imageIT, one can deploy and recover thousands of Windows based systems to factory default or to a prior backed up state, in a matter of minutes. And by restoring the operating system partition, customers can quickly regain lost system performance caused by antivirus software, corrupted drivers or unwanted and unknown programs.



Synergix ImageIT™ is an advanced backup utility that ensures you have a true image of your data and operating systems files that can be stored in a hidden partition, network share or removable media, for quick restore.

Synergix imageIT™ supports hot backup. Using Volume Shadow Services, imageIT™ can backup Windows while the operating system and applications are still running.

Desktop and Server Operating System deployment teams can use imageIT for rapid deployment of Windows 2000, Windows XP, Windows 2003, Windows VISTA and Windows Server 2008 based Operating Systems. OEM System Builders and POS manufacturers may use it to build recovery CDs / DVD that restore the system to factory state.

Key Benefits

- Windows agnostics
 - Supports all versions of Microsoft® Windows™
 - Supports WinPE 2.x x32 and x64 bit environments
 - Supports FAT32 and NTFS formatted systems
- Operating System deployment
 - Deploy new systems in a matter of minutes
 - Supports bare metal system setup using PXE, DHCP & WinPE 2.x ISO

- Backup and Restore
 - Leverage Volume Shadow Service for hot backup
- Trouble free¹ Microsoft® Windows™ computing
 - Restore clean image to ...
 - Recover virus infected system from known & unknown viruses
 - Recover crashed systems from corrupted drivers
 - Recover from formatted SYSTEM partitions
- Create true image of your data and operating system files
- Restore system to fully functional state
 - Enable non technical end user to restore systems to prior good backup state.
 - Microsoft WinRE or WinPE 2.x on removable media
- Hardware upgrades
 - Easily transfer OS and data to a replacement hard drive of same or larger size
- Portability
 - Backup to hidden partition
 - Backup and restore from [bootable] CD, DVD, External USB drive, USB flash drive or from the network, using PXE
- Customizable splash screen
 - Use to display legal notices
 - Display custom splash screens containing company logos



¹ It requires for the Operating System and Applications to be installed on the system partition and \Documents and Settings to be redirected to different partition, such as D drive.

Product Features

- Native support for FAT32 and NTFS
- Supports backup and restore under WinPE 2.x and BartPE
 - Hot backup is supported under Windows XP, 2003, Vista and 2008
- CLI
 - Easy to use command line interface for BACKUP and RESTORE, in UNICAST or MULTICAST mode.

Related links

Web based support

<http://www.synergix.com/support>

Email

support@synergix.com

Product Versions

1. imageIT 2009

Product requirements

To run imageIT, you need a WinPE 2.x or BartPE bootable CD or network boot (PXE, DHCP & WinPE.ISO).

- Hot backup is not supported under BartPE

How to install

Extract all the files contained in the downloaded .zip file. In order to run the program, at the minimum you must have the following files:

- imageIT.exe
- imageServer.exe (only required for multicast restore)
- imageIT.INI

Getting Started

Volume based backup and restore

For the purpose of this section of the document, it is assumed that the disk partition scheme is as follows:

Partition scheme			
Partition 1	– Primary Type	– SYSTEM partition	(Type C or 7)
Partition 2	– Primary Type	– HIDDEN partition	(Type 27)
Partition 3	– Primary Type	– DATA partition	
Partition 4	– EMPTY		

For volume based backup and restore, the following two commands are used:

```
imageIT BACKUP  
imageIT RESTORE
```

Syntax of volume BACKUP command

```
imageIT BACKUP  
    /volume:C:\           // volume must be specified as shown with \  
    /image:filename.img
```

Note: The command line parameters specified above are written up in different lines for easy readability. When executing the command, the entire string must be typed in one line.

/volume

This command line parameter is used to specify the source volume that needs to be backed up.

e.g.: For volume C:, you must specify as C:

/image

This command line parameter is used to specify the file where the image will be stored. Depending upon the size of the source volume and the split size defined, there could be multiple image files created. Subsequent image files will have the sequential 001, 002 etc. Only the first split image filename must be specified.

BACKUP Example

```
imageIT backup /part:0:1 /image:filename.img /clevel:3 /split:600
```

Syntax of volume RESTORE command

Using Microsoft DISKPART program included in WinPE 2.1, you must have first created the volume, of NTFS or FAT32 type matching the file system type of the source volume, before running the imageIT RESTORE command

DISKPART commands to initialize HD 0 and create NTFS volume

```
Select disk 0
Clean
Create partition primary size=40960
Format fs=NTFS quick
Assign
```

```
imageIT restore /volume:C:\
           /image:filename.img
```

Note: The command line parameters specified above are written up in different lines for easy readability. When executing the command, the entire string must be typed in one line.

Examples

```
imageIT RESTORE /volume:C:\ /image:volumeC.img
```

The command will restore the image file volumeC.img on to volume C:\.

Sample imageIT.INI file

[ImageIT]

; Configuration file for ImageIT. Command line arguments always override these settings.

; Compression level from 0 (store only) to 9 (max) (default is 3)

CLevel=3

; Split size in megabytes

Split=600

; Image comment

Comment="Partition image created using Synergix imageIT 2009 "

Licensing

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