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How to make your system mobile with Paragon Drive Copy 11 and Microsoft Windows Virtual PC

ℕ Contents

Introduction	3
Creating a Virtual Machine	3
Running the Virtual Machine	12
Conclusion and an additional advice	15

Introduction

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This document is intended to show you how to transfer your system alongside with all data and programs to your pocket hard drive with help of Paragon Drive Copy 11. Your system will be converted to a virtual machine, which is an exact clone of your software environment.

With this virtual machine you will be no longer restricted of your physical computer boundaries. You'll become able to do your work, listen music and play video on any computer you reach. All your files and program will be with you anywhere.

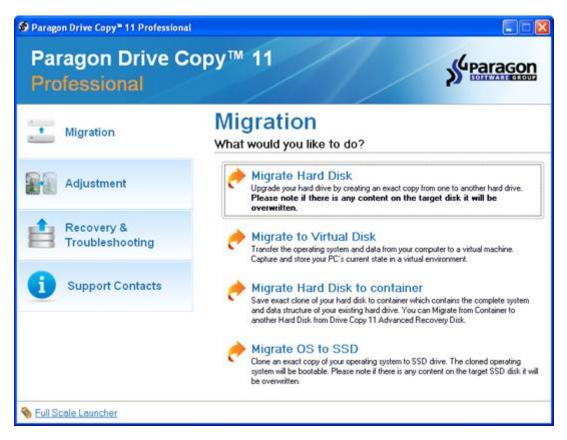
Let's see how to transfer your whole system to the removable media.

Creating a Virtual Machine

First of all you have to create an exact clone of your software environment with the operating system, programs and files. But before attach the removable media (a hard disk drive or a flash disk) where you want to save virtual disk file to.

Step 1

Run Paragon Drive Copy 11 Professional



And select Migrate Virtual Disk

P2V Copy Wizard	
	Welcome to the P2V Copy Wizard This wizard will help you copy an entire hard disks or separate volumes to a new vitual machine.
	To continue, click Next

The Wizard's welcome screen opens. Click Next.

	source disks				E
Please s	elect hard disks or separate vol	lumes to copy to a new virtue	al machine.		:
Please spec virtual mach	ily what volumes or entire hard ine.	disks (including connected v	virtual disks) y	ou'd like to	add to you
Name		Туре	File system	Size	Used
🔳 🔜 Му	Computer	My Computer	-		
8 🗖 🖥	Basic Hard Disk 0 (ST316002)	3A) Internal Hard Disk Drive		149 GB	
) 🕞 Data (D:)	Primary	NTFS	149 GB	204.5 MB
	Basic Hard Disk 1 (ST340014/	Internal Hard Disk Drive		37.2 GB	
] 🕞 Local Disk (C:)	Primary	NTFS	37.2 GB	3.3 GE
disk (a conn	on your selection the wizard will nected virtual disk will also be tre selected on it, will be converted	eated as a standard physical			

On the next window select your physical hard disk drive, which contains partitions with OS and data. It's usually the first on the list but on the screenshot it is the second one. Click **Next**.

ON	Step 4
	🗜 P2V Copy Wizard 🔹 💽 🔀
	Specifying Virtualization Software Vendor Page Please select a virtualization software vendor for your virtual machine.
	The following OS will be used as guest:
	Please select a virtual software vendor: VMware Workstation / VMware Fusion Microsoft Virtual PC Oracle VirtualBox (0VF virtual appliance)
	<back next=""> Cancel</back>

Here you need to specify the virtual machine type (DC11 supports several virtual machine types).

Select Microsoft Virtual PC. Click Next.

\square	Step 5
	P2V Copy Wizard
	Setting Virtual Machine Properties Page Please set properties of the new virtual machine.
	Virtual machine version: Microsoft Virtual PC 7
	CPU number: 1 Memory amount: 512 MB
	Recommended memory size Maximum memory size (if taken more, you could face extensive swapping)
	< Back Next> Cancel

On the next window specify a friendly name of the virtual machine and its version (Microsoft Virtual PC 7 for Windows 7 as a host). You can also change some virtual machine settings here. Click **Next**.

P2V Copy Wizard		(? 🗙
Setting Virtual Disk Properties Page Please set properties of your virtual disks.			ŀ'
Virtual disk info	Interface		
Virtual disk 0 is a copy of the Basic Hard Disk 1 (ST34001	I IDE	× 🔀	

Here you can see and change virtual disk parameters. Usually the proposed parameters are the best.

So, if you agree with proposed parameters of the virtual disk click Next.

8-0	P2V Copy Wizard
	Where to save the virtual machine? Select a place to save the resulted virtual machine to.
	Full path to the folder with a virtual machine (folder will be created if doesn't exist):
	D:\My_WindowsXP Browse
	All virtual disks will take approx. 3.3 GB on D:\My_WindowsXP. After the operation is over, there will still be 145.5 GB of free space on the selected disk.
	Help me to find an appropriate place for my virtual machine.
	To continue, click Next

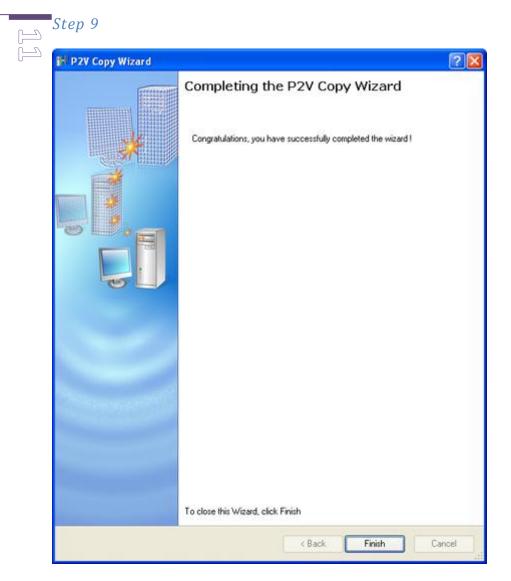
Select a place to save the resulted virtual machine (an external drive for example). Click Next.

P2V Copy Wizard				
Operation Progress The wizard is performing th	e required operations.			P
Building a virtual	machine			
∕∕ Ⅲ				
Time elapsed:				
Time remained:	00:37:22			
Operation details:				
Create virtual drive				
VSS technology is started.				
Copying volume				
Read performance test Write performance test				
Copy data by cluster				
Copy control of control				
Chen				
Stop				
Stop		< Back	Nest >	Cancel

Step 8

 $\begin{bmatrix} 1 \\ 0 \end{bmatrix}$

The operation will be performed. It may be a time consuming task, depending on the amount of your actual data on the physical drive.



Now you have a virtual machine with your system and the first part of the migration is over.

Running the Virtual Machine

Now you have the virtual machine, but don't have appropriate software to run it. You have to install one and we can suggest using Microsoft Windows Virtual PC, for this purpose.

You can download the Virtual PC installation package from its page on the Microsoft website.

Step 10

42

Install Virtual PC and launch.

🔿 🕞 - 🚺 🕨 User 🕨	Virtual Machi	nes		✓ 4 Search	Virtual Machines	×
	n library 🔻	Share with 💌	Create virtual machine	New folder	jii • []	
🔆 Favorites	Name	^	Machine status	Memory	Primary disk	
💻 Desktop 👔 Downloads 🛐 Recent Places			This fold	er is empty.		
 Libraries Documents Music 						
Pictures						
📜 Computer						
🗣 Network						
	•		m			
0 items						

Navigate to the external drive where the previously created virtual machine is stored.

				_ 0	
🕒 🗢 📕 🕨 Comput	er + Data (D:) + My_WindowsXP	▼ 69	Search My_WindowsXF	>	
Organize 👻 Include i	n library 👻 Share with 👻 New folder		8	= • 🔟	-
A 🔆 Favorites	Name	Date modified	Туре	Size	
Cesktop	👝 vdisk0	2/4/2011 10:55 AM	Virtual Machine H	2,081,354 KB	3
Downloads	Windows_XP	2/4/2011 10:55 AM	Virtual Machine S	5 KB	1
🔛 Recent Places					
4 🥽 Libraries					
Documents					
▷ J Music					
Pictures					
 Videos Virtual Machines 					
P D Vittaal Machines					
4 : Computer					
🛛 🚢 Local Disk (C:)					
4 👝 Data (D:)					
My_WindowsX					

On the next window select the virtual machine and click the **Open** button.



Your virtualized system will be launched immediately.

Conclusion and an additional advice

H V To run your virtual system you need the Windows Virtual PC present in the hosting system. We recommend you to copy Virtual PC installation package (one or several, depending on the type of hosting OS) to the removable media alongside with the virtual machine and disk. Thus, you'll be able to install Virtual PC anywhere where you have such possibility.

rganize 👻 👩 Ope	n 🕶 Burn New folder)II • []]	0
Downloads 4	Name	Date modified	Туре	Siz
E Recent Places	3 MySystem	4/12/2010 2:53 PM	File folder	
	MySystem	4/12/2010 2:53 PM	Virtual Machine H	3,9
Libraries Documents	🕅 Windows6.1-KB958559-x64	4/9/2010 1:30 PM	Microsoft Update	
Pictures Videos Computer				