

DICE Systems

Backing up a PC hard drive using Acronis True Image 2015

For all systems using a DICE supplied Industrial PC

06.08.2017
Version 1.1

Prototype & Production Systems, Inc.
13860 Industrial Park Blvd.
Plymouth, MN 55447
(763) 557-9348

Versions

Version	Notes	Date	Personnel
1.0	Initial Release	6/07/2017	MJE
1.1	Updated with step 9	6/08/2017	MJE

Table of Contents

Versions	1
Table of Contents	2
Purpose	3
Tools Required	3
Procedure	4
Appendix A: Contact Information	9

Purpose

This document will guide you through the procedure to backup a PC hard drive using Acronis True Image 2015. It is recommended to backup your PC after any major changes to your PC. Each machine provided by PPSI will have a backup hard drive that comes in addition to the active hard drive.

This duplicate copy ensures all your vital data is backed up in case the original drive becomes corrupted, destroyed, or lost.

In any of these events, the new duplicate drive can be inserted and used immediately. This drastically reduces down time in the event of a hard drive failure.

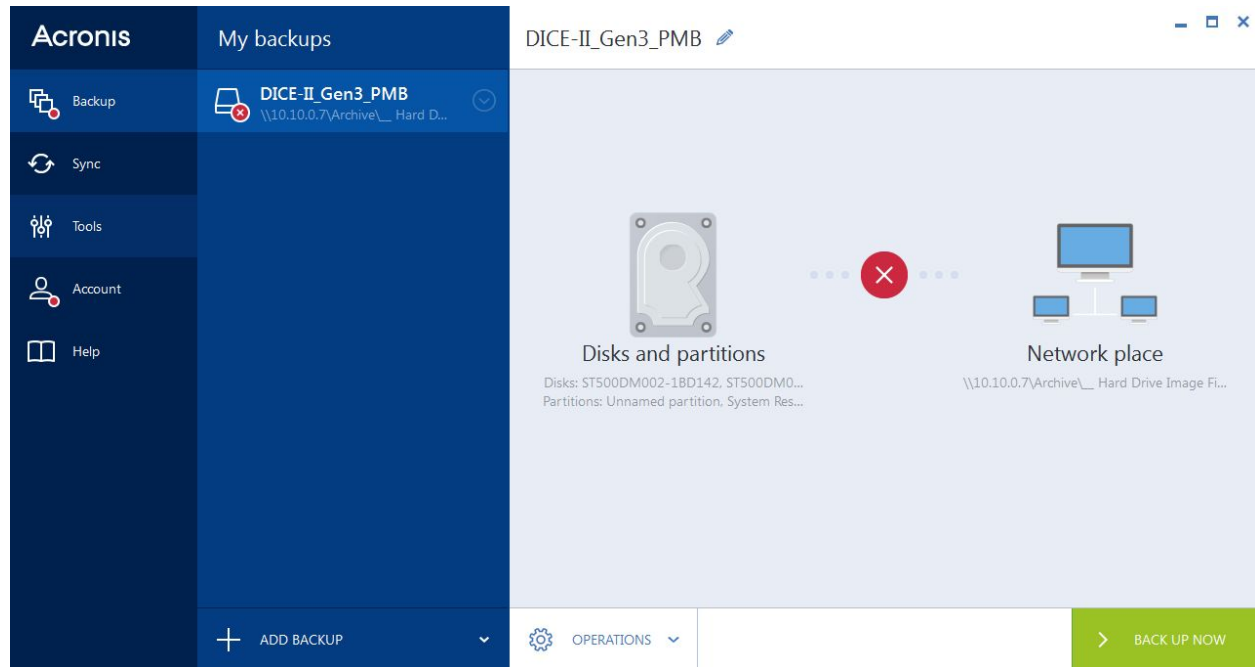
Tools Required

Acronis True Image 2015 - This program should come pre-installed on your PC. If it is not, please contact PPSI and we will download this software for you.

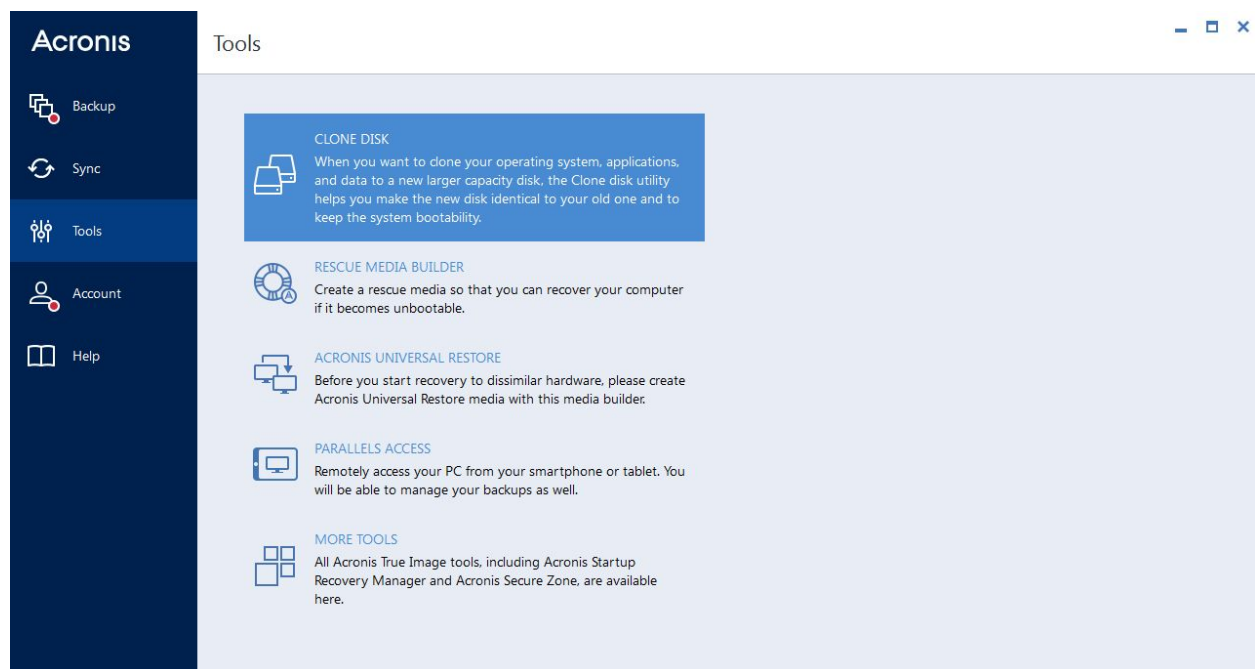
Duplicate hard drive - This hard drive must be an exact copy of the current hard drive installed in your PC. If you are unaware what specifications your hard drive has, you can contact PPSI and we will help you find out.

Procedure

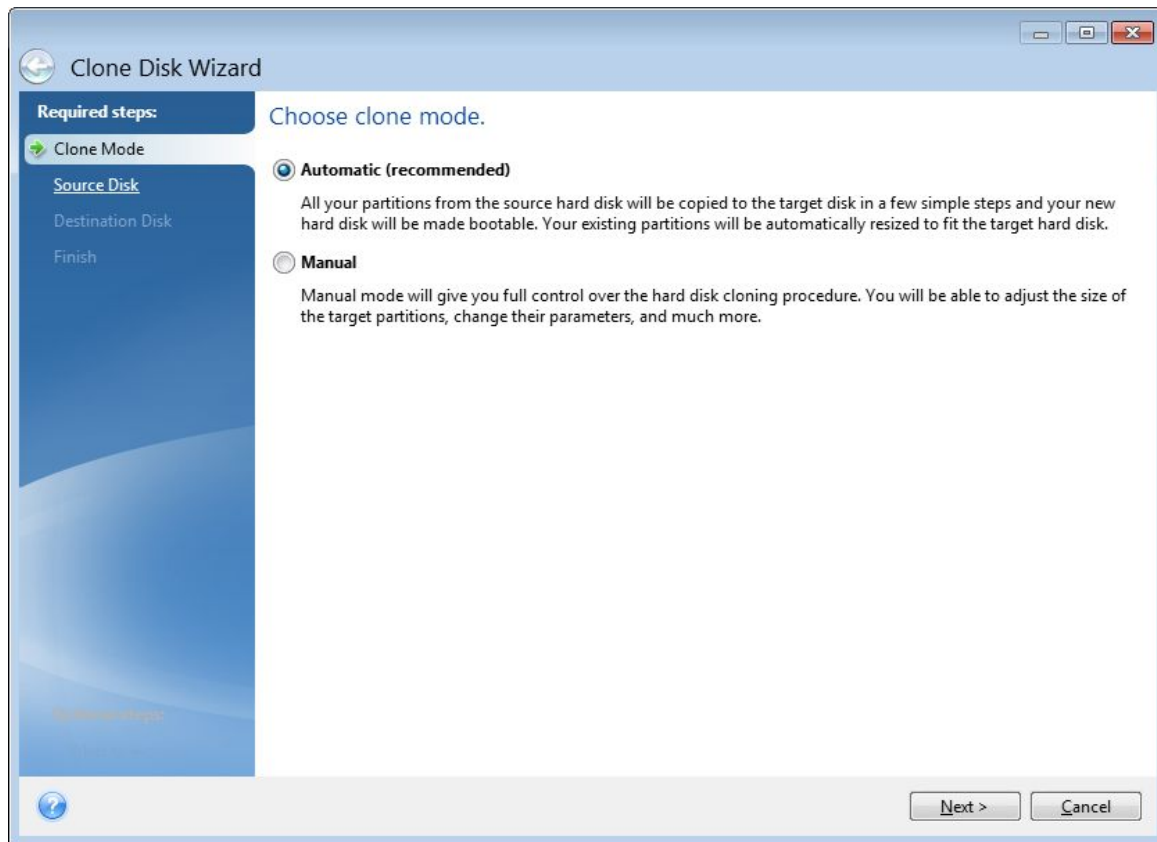
1. Launch Acronis True Image 2015.



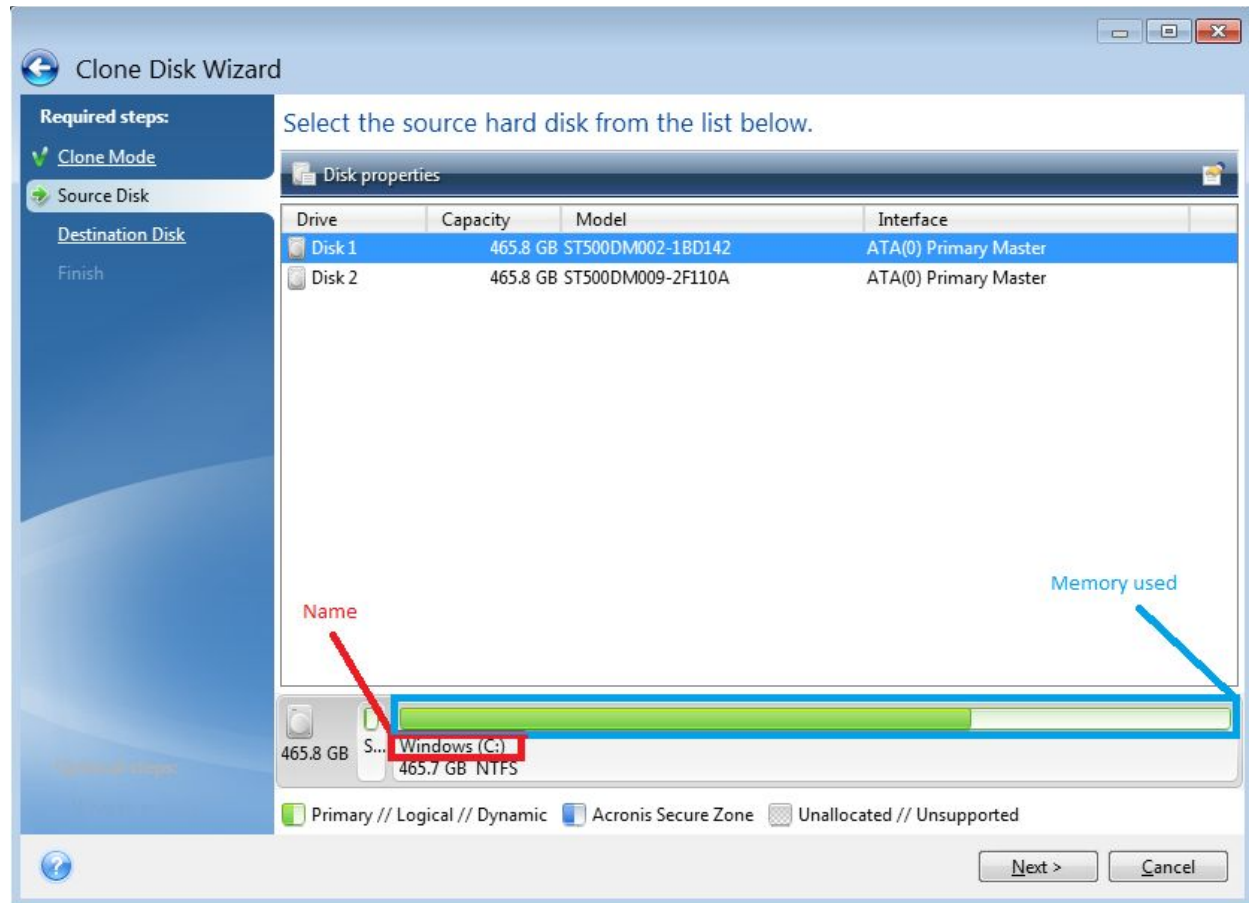
2. Choose Tools -> Clone Disk.



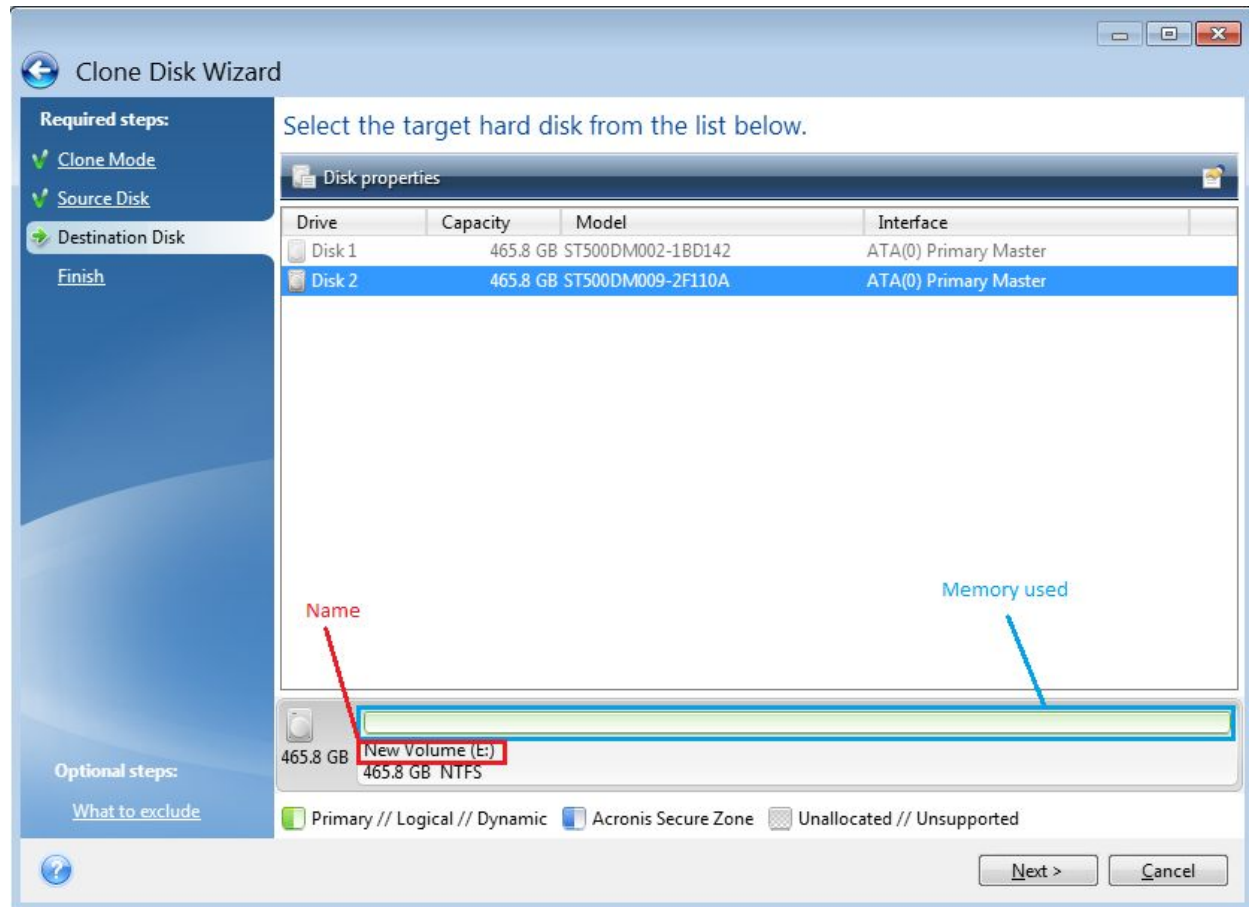
3. Choose Automatic and press next.



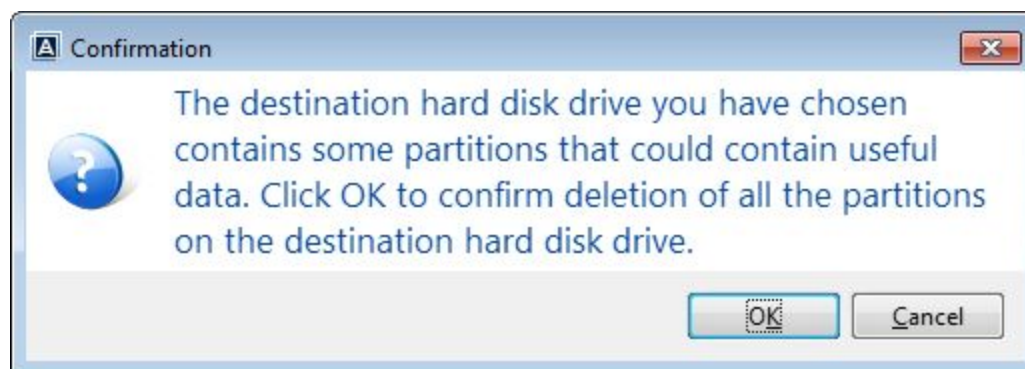
4. Select the source hard disk. This is the disk you are currently using that will be cloned to the new duplicate disk. It should be named Windows (C:) and will most likely be located in the Disk 1 slot. It should also be the disk with the most memory used if your duplicate disk is empty (which it should be). After the disk is selected, press next.



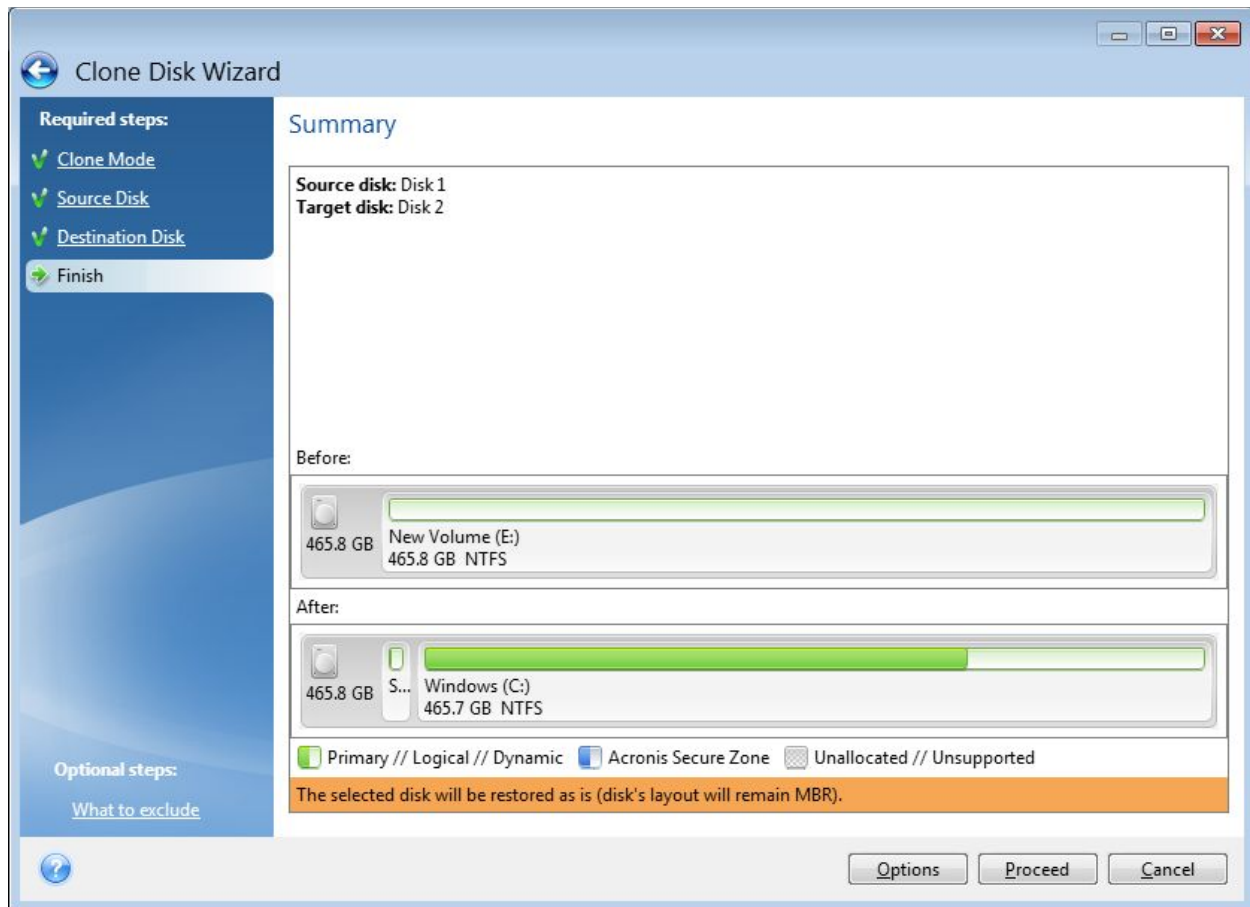
5. Select the destination disk. This should be the only remaining disk, likely in Disk 2 slot, and named New Volume (E:). It should also have very little to no memory used. After the disk is selected, press next.



6. Select okay on this pop up message. (This confirmation warns us that anything saved on the destination disk will be deleted when we start the cloning operation, so make sure the disk is empty, or doesn't have any important data).



7. Click proceed.



8. Acronis will now begin its cloning process. There are two steps to this process. It will first initialize itself to clone the disk and then ask you to restart the PC. After clicking restart, the PC will shut down. On re-power up, there should be a dialog that displays the progression of the disk clone. After it is complete, your PC should start up as expected, with both hard drives exact copies of each other. You can then shutdown the PC and remove the backup hard drive and store it somewhere for safekeeping.

9. To use this backup, first power down the pc. Remove the old drive and insert the backup drive in the same slot. Power up the PC and resume operation.

Appendix A: Contact Information

Please address any comments or questions to:

Prototype & Production Systems, Inc.
13860 Industrial Park Blvd.
Plymouth, Minnesota 55441
United States

Office: (763) 557-9348

Email: support@prototypesys.com

Online: www.prototypesys.com