

Software Procedure

SWP-0052 Resizing Hard Disk Partitions - HP rp5000

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Purpose

The purpose of this document is to detail the steps necessary to resize the hard disk partitions on the V3 cart with an HP rp5000 CPU.

Audience

This document applies to persons who work in the Information Technology department within an organization and have a basic working knowledge of Windows XP.

Scope

Some of the original HP rp5000 CPUs shipped with the V3 carts have a 40 Gb hard that is partitioned into a C:\ (OS) drive (8Gb), a D:\ drive (20 Gb), and a hidden backup capsule (10 Gb). Many organizations install anti-virus software and ensure Microsoft patches get installed. As the tConsult software becomes more .Net Framework integrated, the C:\drive can become full.

This document will describe the steps necessary to resize the hard disk partitions on the V3 HP rp5000 CPU.

Note: Modifying partition sizes on any system carries certain risks which may result in an unstable system.

Acronyms and Abbreviations

Table 1
Acronyms and abbreviations

Acronym	Meaning
HP	Hewlett Packard
OS	Operating System

Prepping the Hard Drive

This section details the steps to move folders from the D:\drive to the C:\drive.

1. Log onto the system using the “SetUpUser” account.
2. Stop the tConsultDataService* by using Computer Management | Services. This method allows the system to finish any transactions, and avoids loss of data.

*Depending upon the version of tConsult Cart client software is installed, this may be the AFHCANDataService.

3. Verify the size of the C:\drive by opening Windows Explorer and viewing the properties of the Local Disk (C:).
4. If there is a minimum of 500 Mb free space, copy D:\AFHCAN Software and D:\ATS folders to the C:\drive.
5. If the C:\drive is full, copy the folders to a USB thumb drive, or call AFHCAN Customer Support at 1-888-449-4435 who can assist the technician in freeing up hard drive space.

Using Paragon Hard Disk Manager

This section will detail the steps to resize the hard drive partitions using Paragon Hard Disk Manager software.

1. Click on Start | All Programs | Deployment Manager | Hard Disk Manager | Hard Disk Manager
2. When the Hard Disk Manager application opens, do a right mouse click on “Primary D:” located in the left pane. Select Delete.

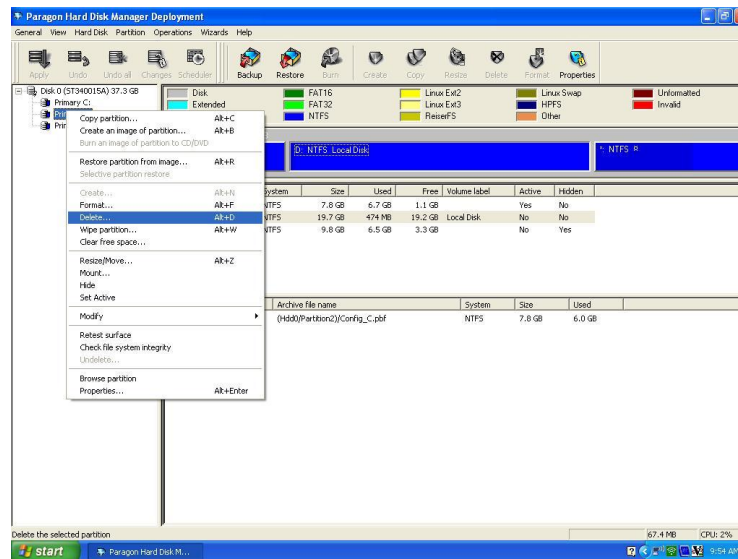


Figure 1 –Deleting a Partition

3. Select the “Do not ask volume label next time” checkbox as shown in Figure 2, and then click on “OK”.

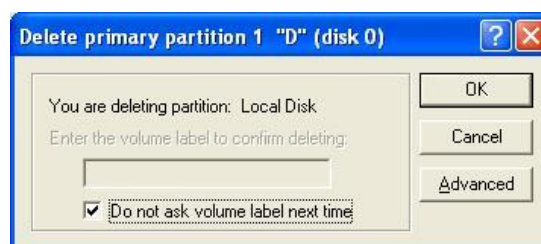


Figure 2 – Verifying the Deletion of a Partition

4. When prompted “Are you sure?”, click “Yes”.



Figure 3 – Confirming the Deletion of a Partition

5. Click on “Apply” in the upper left tool bar. A reboot may be necessary in order to complete the deletion of the D:\drive, as the partition may still be in use. Click on reboot.
6. After logging back into the cart with the SetUpUser account, Paragon Hard Disk Manager will start up and return to the Paragon Hard Disk Manager Deployment dialog. Do a right mouse click on “Primary C:” in the left pane, and select “Resize/Move.....”

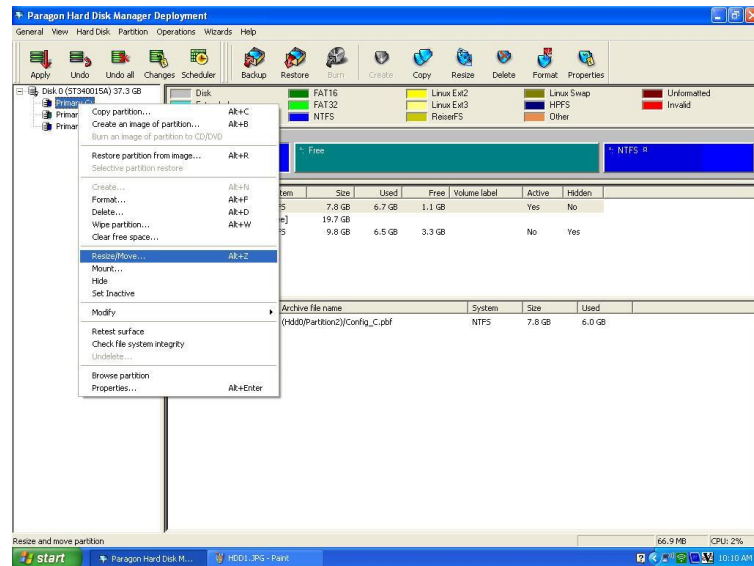


Figure 4 – Resizing/Move a Partition

7. In the “New Size” field, increase the partition size from “7996” to “17996”, and then click on “OK”.

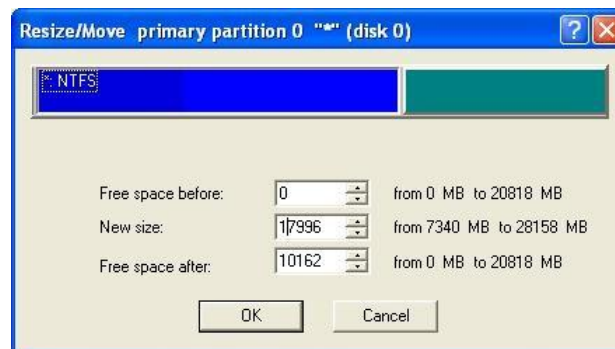


Figure 5 – Setting the New size of a Partition

8. Right click on “Primary, free” located in the left pane and select “Create”.

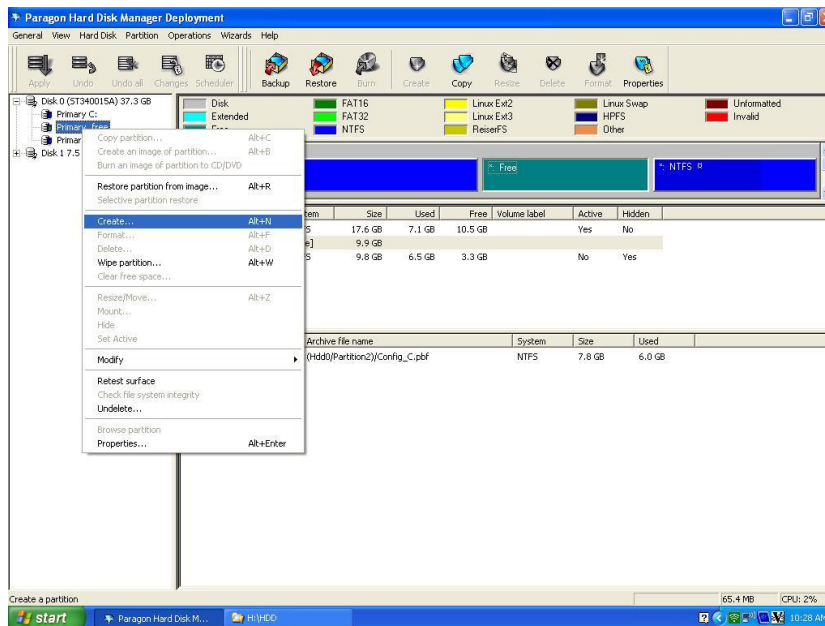


Figure 6 – Creating the Partition

9. Click the “OK” button when the “Create Partition” window opens.

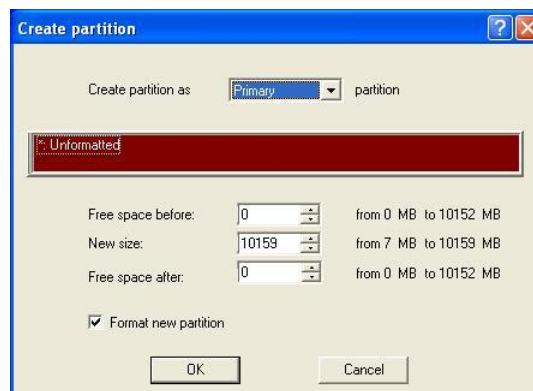


Figure 7 – Confirming the Creation Size of a Partition

10. Using the drop down arrow at System type, select “NTFS” as the system type and click on “OK” at the Format the primary partition 1 dialog box.

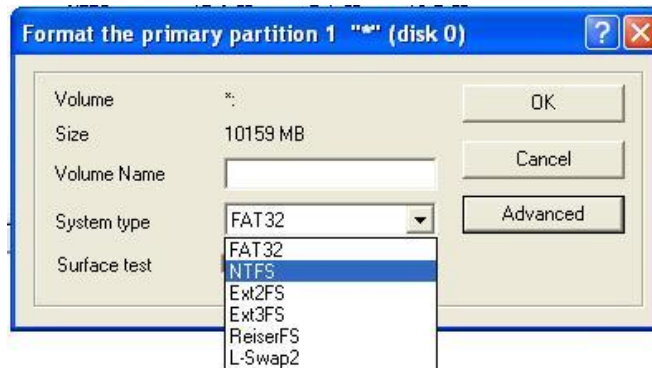


Figure 8 – Formatting the Partition with NTFS

11. Click “Yes” when the Hard Disk Manager warning is displayed.



Figure 9 – Confirming the Formatting of a Partition

12. In the left pane, right click on “Primary, free” and click on “Mount”.

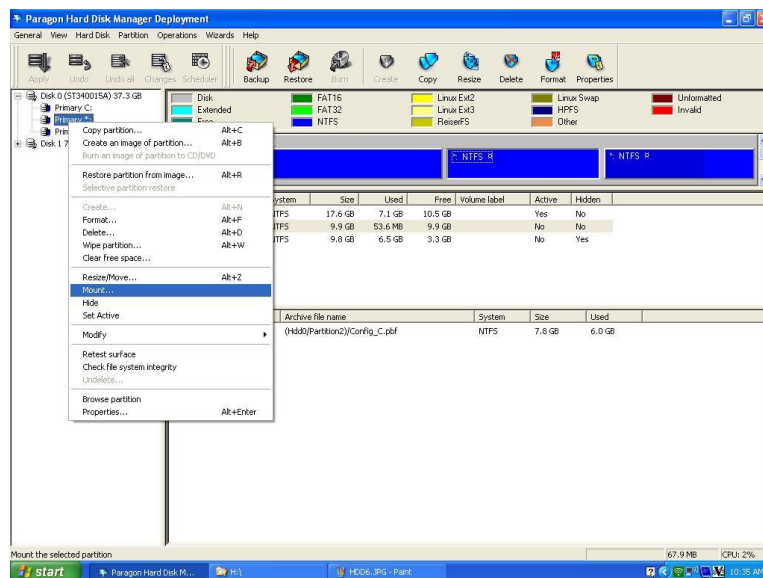


Figure 10 – Mount the Partition

13. Assign the drive letter “D:” and click on “OK”.

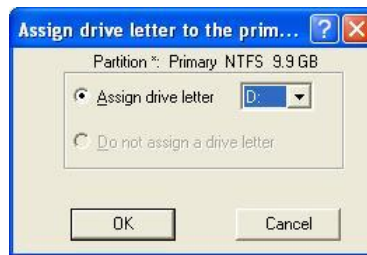


Figure 11 – Assigning the Drive Letter to a Partition

14. Click on “Apply” in the upper left tool bar. Click “Yes” to apply changes.
15. When complete, click “Close” and close the Paragon Hard Disk Manager Application.

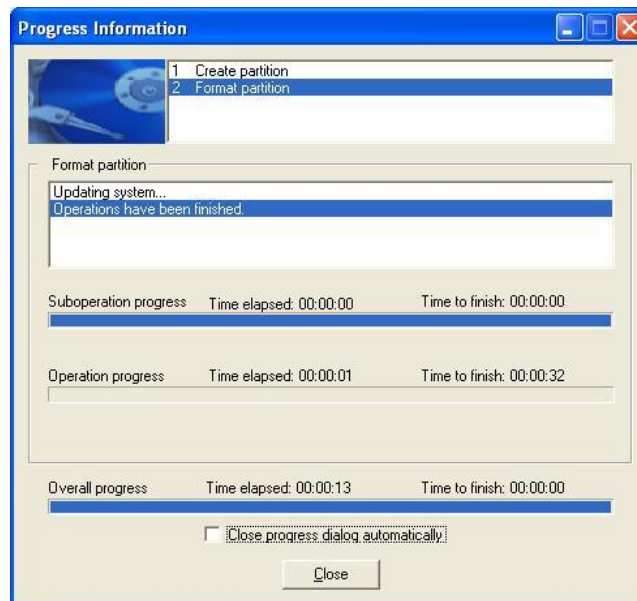


Figure 12 – Formatting and Assigning the Drive Letter to a Partition

Completing the Final Steps

Now that the C:\drive has increased in size, this section copies the D:\ drive files and folders copied to the original C:\drive (or thumb drive) back to the new smaller D:\drive, and assigns the proper permissions.

- 1.) Using Windows Explorer, right click on the “D:” drive, select “Sharing and security”, and select the “Security” tab.
- 2.) Remove all group or user name entries EXCEPT the “SYSTEM” and “Administrators”, and then click on “OK”.

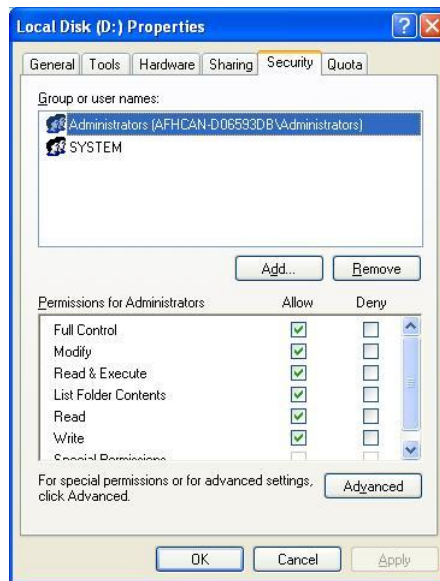


Figure 13 – Setting Permissions to the D:\ drive.

- 3.) Continue using Windows Explorer to move the ATS and AFHCAN Software folders from the C:\drive (or from the thumb drive – see Step 5 under Prepping the Hard Drive) to the D:\ drive. Select “Yes to all” when prompted about moving read only files.
- 4.) Reboot the system.

End of procedure.