Method Note

ParaVision 360 & PET Data Storage

Introduction

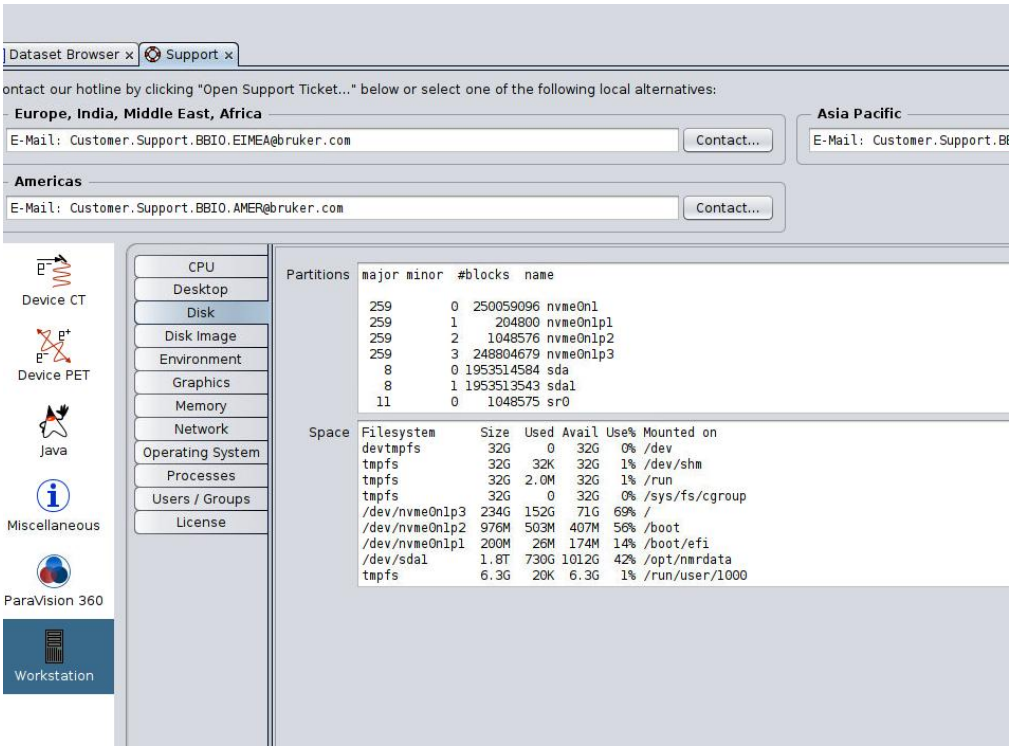
Bruker NMI systems using ParaVision 360 are equipped with (1) a Workplace Computer, and (2) a Reconstruction Server/Computer. Reconstructed PET, CT, and MR data is located on the ParaVision 360 Workplace Computer in the **PVDataset format**. **Raw & Listmode PET and Raw CT data** is located on the reconstruction server/computer. Data storage locations for the reconstructed and Raw & Listmode data are shown below. When data storage reaches capacity, new data collection is not possible and/or new data reconstruction is not possible. Details for checking disc space and transferring data is provided below.

	Reconstruction Server/Computer *PET (LM & Raw) & CT (Raw) Data*	**ParaVision 360 Workplace Computer** *PET, CT, & MR PVDatasets*
File Paths	**CT Data:** Ct_data>nmrsu (or other user) **PET Data:** nmi_data>ParaVision>data>nmrsu (or other user)	**Reconstructed Data:** 1.8TB Hard Drive, PV3603.X>data>nmrsu (or other user)

ParaVision 360 Workplace & Reconstruction Server/Computer Disk Space

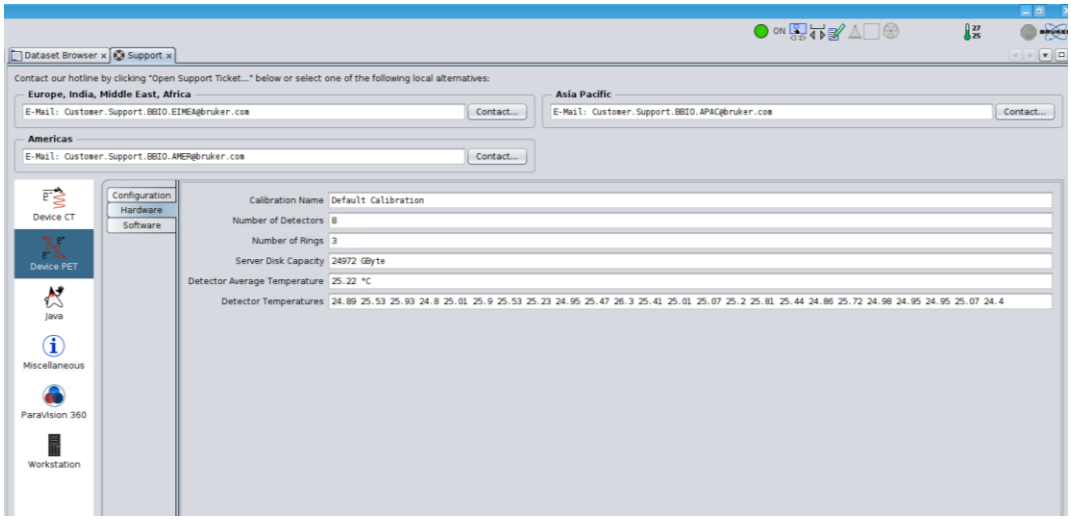
Checking Workplace Computer Disk Space

The user may check the **ParaVision 360 Workplace Computer** disk space by going to Help>Support>Workstation>Disk as below. In the example below, the disc space is at 42% capacity.



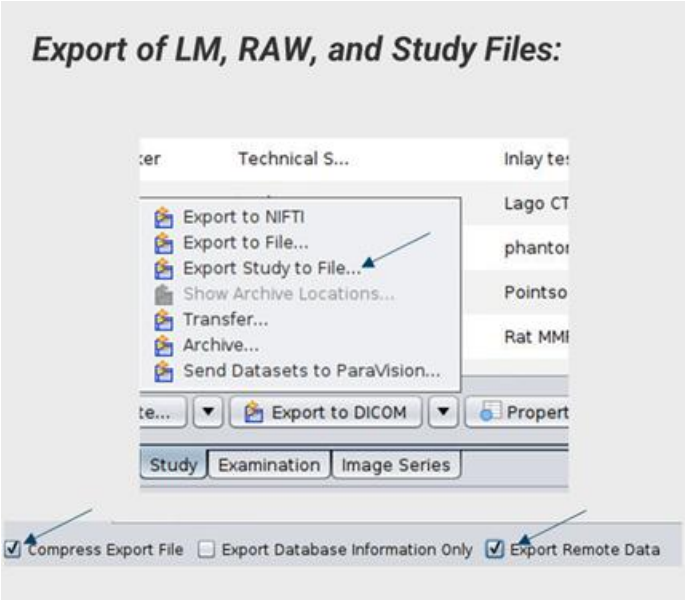
Checking the Reconstruction Server/Computer Disk Space

The user may check the **Reconstruction Server/Computer** disc space by going to Help>Support>Device PET>Hardware as below. In the example below, there is 24.9 TB available.



Transferring PVDatasets and Raw & LM Data Starting in ParaVision 360 v3.7

Starting in Pearavision 360 version 3.7, a PET PVDataset may be exported for backup with the corresponding Raw & LM data from the reconstruction/server computer, creating a complete backup study file via the Workplace Computer. This improves the process for managing data backup. The complete study may be easily re-imported directly from the ParaVision 360 workstation.

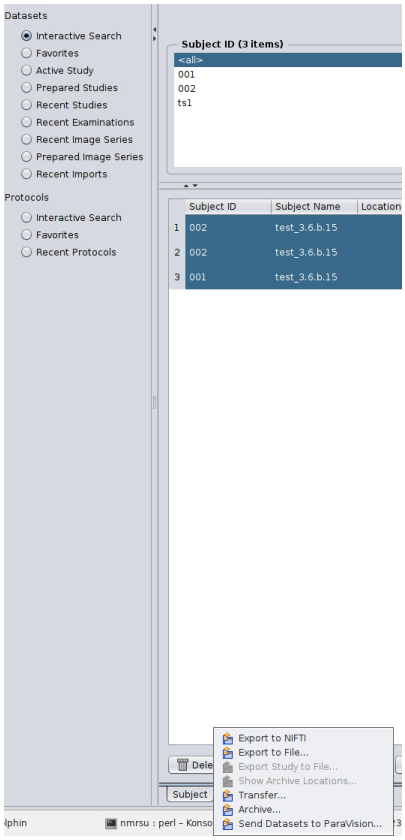


Export a PVdataset with LM & Raw Data from the ParaVision 360 workstation Database Browser. Select the target data>Export Study to File>Compress Export File>Export Remote Data.

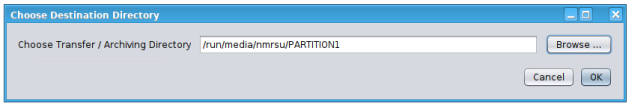
Transferring PVDatasets and Raw & LM Data *Prior to* ParaVision 360 to v3.7

Archive PVDatasets

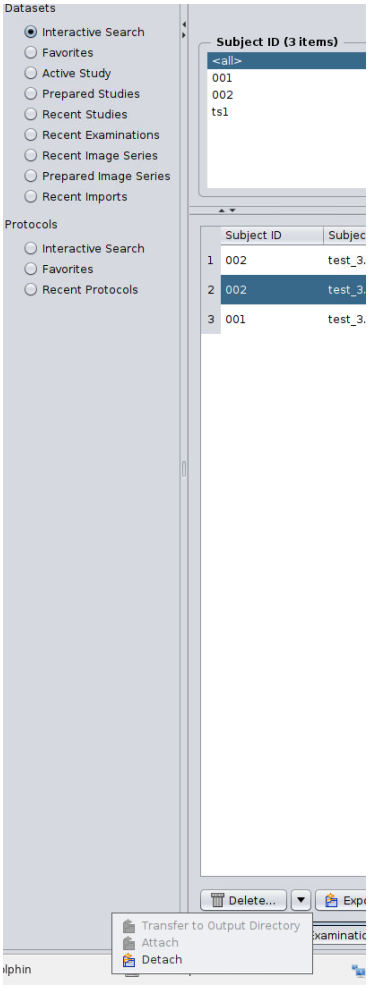
Archive PVDatasets using the ParaVision 360 Dataset Browser. Open the “Dataset Browser” (Menu: Window > Dataset Browser). Select the studies to be exported from the Study subcard as below. Select the drop-down right of “Export to DICOM”, and then select Archive.



Choose the Transfer/Archive directory to Archive the PVDatasets to an external drive. (Note, to define the Archive selection initially, Select Options>ArchiveTransfer).

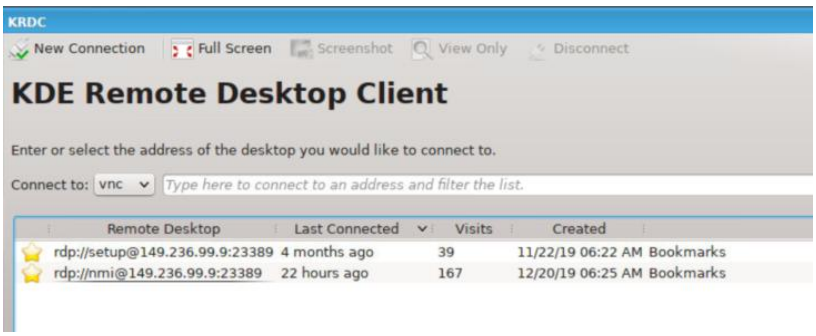


Once the Archive is complete, Select the Studies in the Dataset Browser. Select the drop-down right of “Delete”, and then select Detach. (Note, Studies may be reattached from the external drive by highlighting the study in the Database Browser and select Attach).

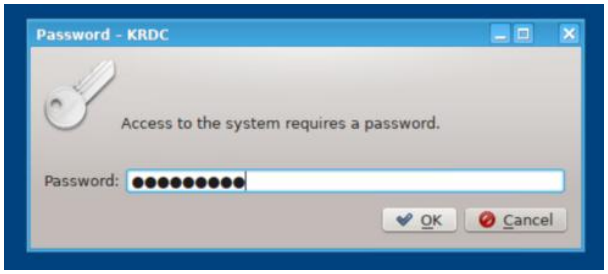


Reconstruction Server/Computer Disk Space & Transferring Raw & LM Data

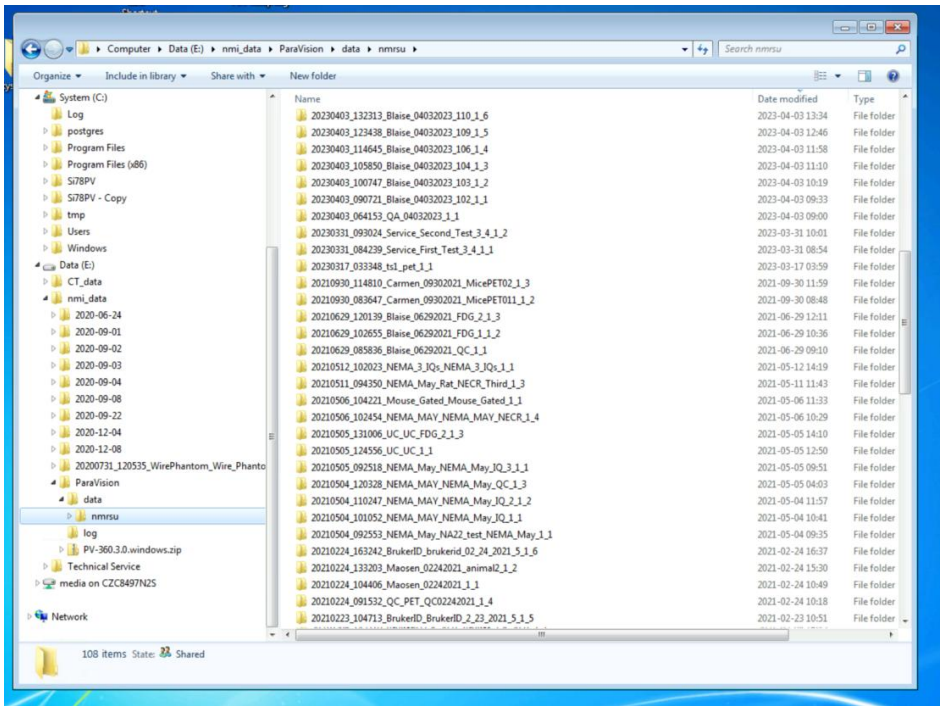
The user may reach the **Reconstruction Server/Computer** using KRDC application at the ParaVision 360 Workplace Computer. Double-click rdp://nmi@149.236.99.9:23389 as below.



Enter the password “NmiIsPci!” and select OK.



Navigate the “nmi_data -> ParaVision -> data -> nmrsu (or other user)” folder as below. Check the disk space and/or transfer data to an external drive.



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