

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

ParaVision 360 Workplace Computer Disk Space & Transferring PVDatasets

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.

Dataset Browser x Support x

contact our hotline by clicking "Open Support Ticket..." below or select one of the following local alternatives:

Europe, India, Middle East, Africa

E-Mail: Customer.Support.BBIO.EIMEA@bruker.com Contact...

Asia Pacific

E-Mail: Customer.Support.BBIO.ASIAPAC@bruker.com Contact...

Americas

E-Mail: Customer.Support.BBIO.AMER@bruker.com Contact...

Workstation

Disk

Partitions

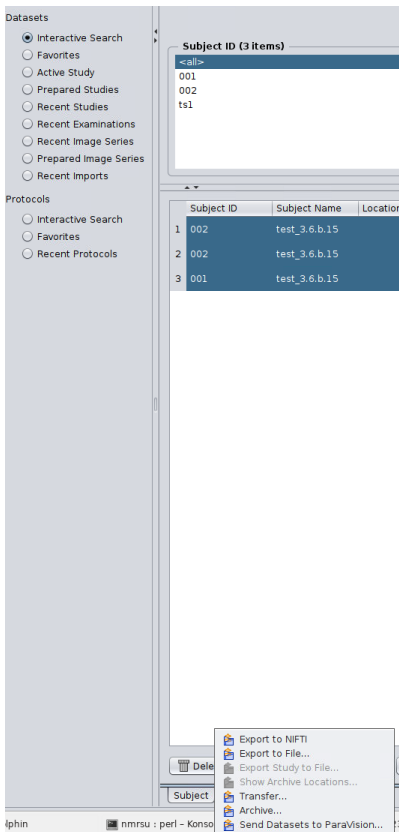
major	minor	#blocks	name
259	0	250059096	nvme0n1
259	1	204800	nvme0n1p1
259	2	1048576	nvme0n1p2
259	3	248804679	nvme0n1p3
8	0	1953514584	sda
8	1	1953513543	sda1
11	0	1048575	sr0

Space

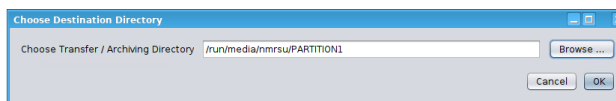
Filesystem	Size	Used	Avail	Use%	Mounted on
devtmpfs	32G	0	32G	0%	/dev
tmpfs	32G	32K	32G	1%	/dev/shm
tmpfs	32G	2.0M	32G	1%	/run
tmpfs	32G	0	32G	0%	/sys/fs/cgroup
/dev/nvme0n1p3	234G	152G	71G	69%	/
/dev/nvme0n1p2	976M	503M	407M	56%	/boot
/dev/nvme0n1p1	200M	26M	174M	14%	/boot/efi
/dev/sda1	1.8T	730G	1012G	42%	/opt/nmrdata
tmpfs	6.3G	20K	6.3G	1%	/run/user/1000

Archive PVDatasets

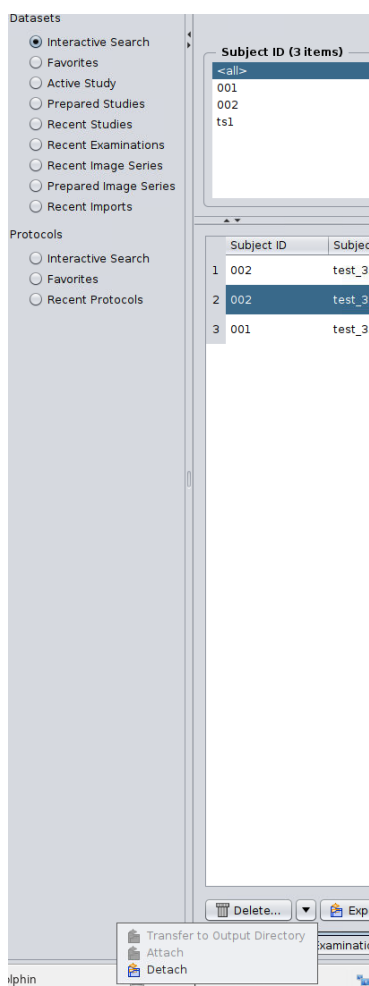
Archive PVDatasets using the ParaVision 360 Dataset Browser. Open the “Dataset Browser” (Menu: Window > Dataset Browser). Select the studies to be exported from the Study subcard as below. Select the drop-down right of “Export to DICOM”, and then select Archive.



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



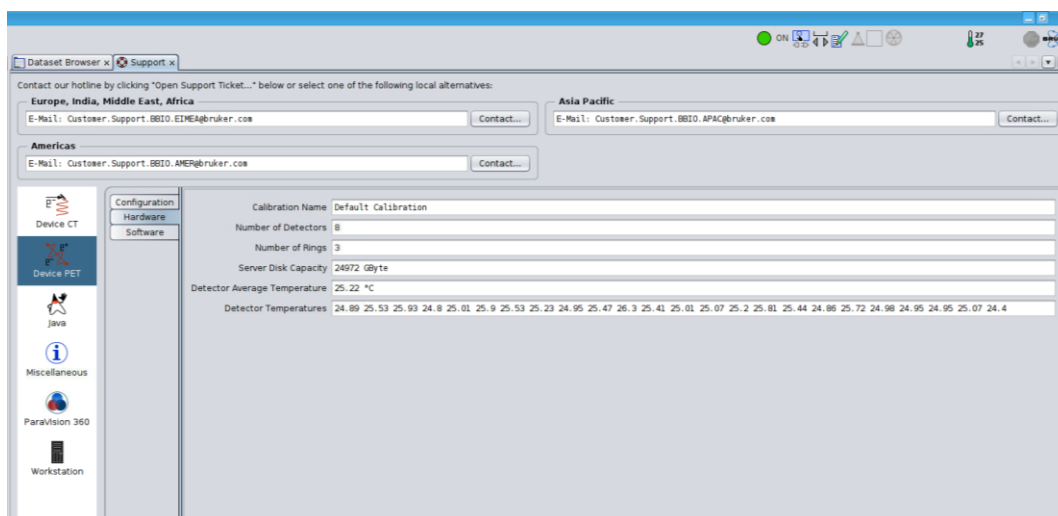
Once the Archive is complete, Select the Studies in the Dataset Browser. Select the drop-down right of “Delete”, and then select Detach. (Note, Studies may be reattached from the external drive by highlighting the study in the Database Browser and select Attach).



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

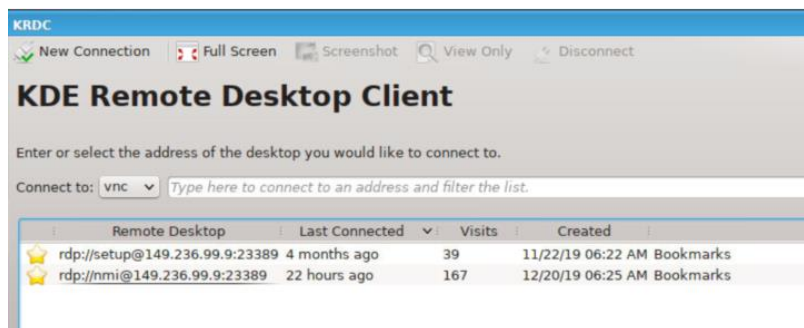
Checking the Reconstruction Server/Computer Disk Space

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.

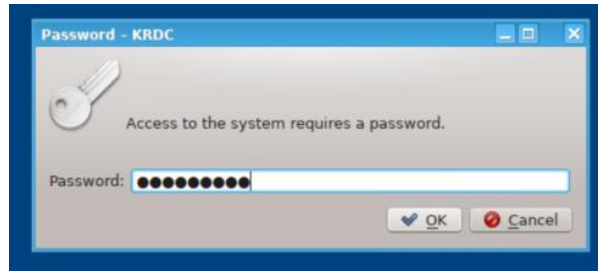


Archive Raw & LM Data

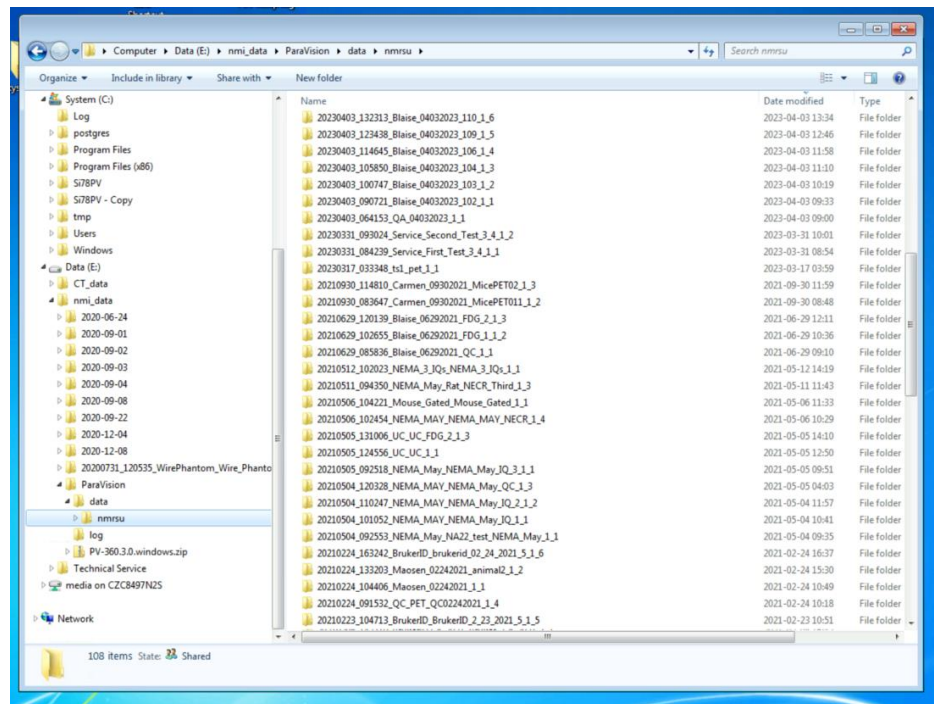
The user may reach the **Reconstruction Server/Computer** using KRDC application at the ParaVision 360 Workplace Computer. Double-click rdp://nmi@149.236.99.9:23389 as below.



Enter the password "NmilsPci!" 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.



Bruker BioSpin Preclinical Imaging

Support:

applications.nmi@bruker.com

support.nmi@bruker.com

Website:

<https://www.bruker.com/en/products-and-solutions/preclinical-imaging/nmi.html>