

Actigraph device setup and data downloading

- For the GT3X+ device: Remove cap from the GT3X+ device by using the red pick. **NOTE: Be very careful with the connector cap.**
- Connect the GT3X+ device to the small end of the USB cord and connect the large end of the USB cord to the computer USB port.
- For the Link: Connect the Link to the Dock Station. Insert USB cord to back of Dock Station and Computer USB port



- Open ActiLife by double clicking on 
- The GT3X+ device will appear on the screen: The status should state 'finished detecting'. To download the information from the device, click the 'Download' button at the top of the screen.

ActiLife v6.11.8 - 1 Device Connected

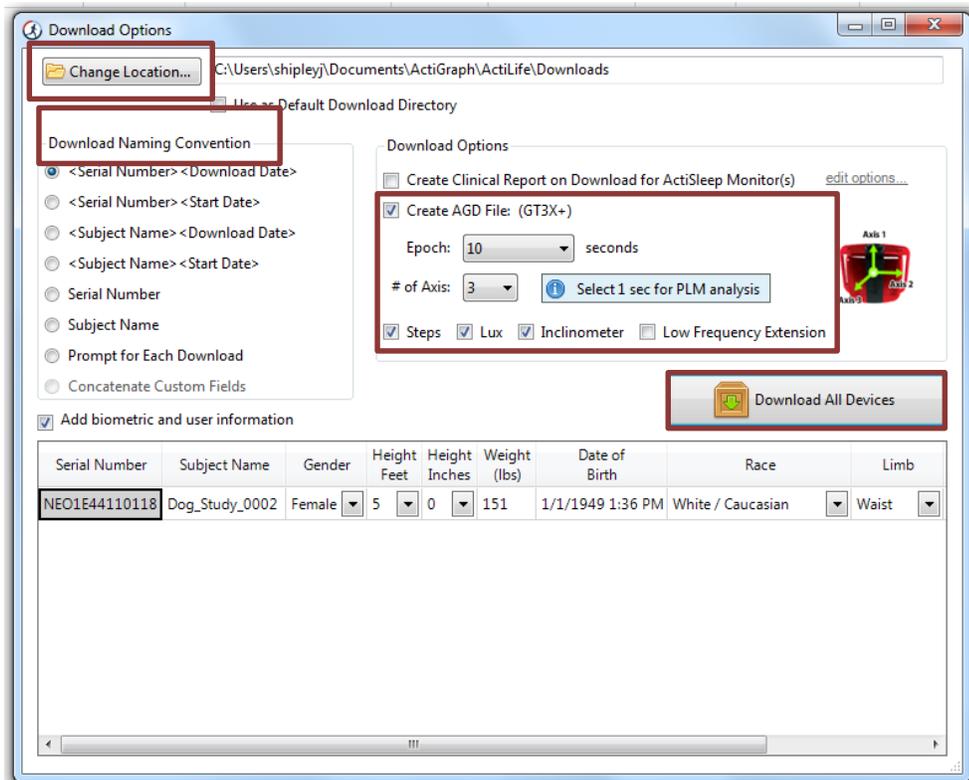
File Edit Tools Help

Devices Wear Time Validation Scoring Sleep PLM Graphing NHANES GPS Feature Extraction Studies Data Vault

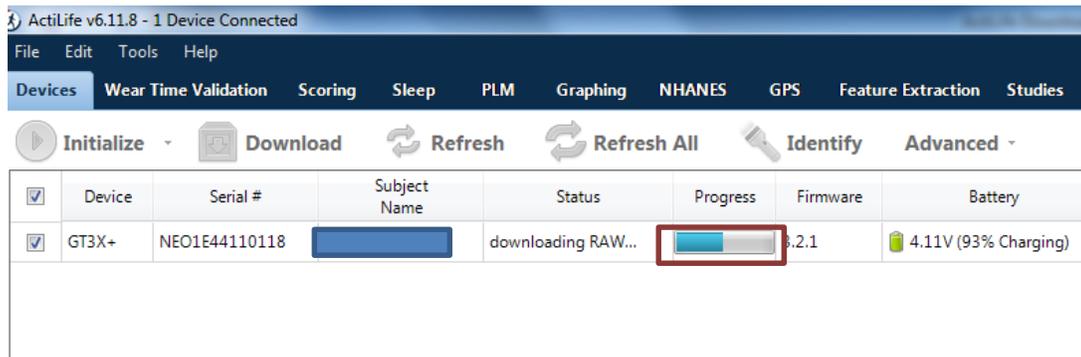
Initialize Download Refresh Refresh All Identify Advanced

Device	Serial #	Subject Name	Status	Firmware	Battery	Total Memory	Current Data Recorded
<input checked="" type="checkbox"/>	GT3X+	NEO1E44110118	Dog_Study_0002	finished detecting	3.2.1	4.11V (93% Charging)	512 MB 7D 14H 59M 0S

- The 'Download Options' dialog box will appear. First, click 'Change Location' to select the location for the file.
- Select your preferred 'Downloading Naming Convention'.
- Ensure that the 'Create AGD File (GT3X+)' is selected. Keep 'Epoch' at 10 seconds and '# of Axis' at 3. Select 'Steps', 'Lux', 'Inclinometer', and 'Low Frequency Extension' (all checked).
- When finished, click 'Download All Devices'.



- You can check the progress of the download by looking at the 'Progress' bar.



ActiLife v6.11.8 - 1 Device Connected

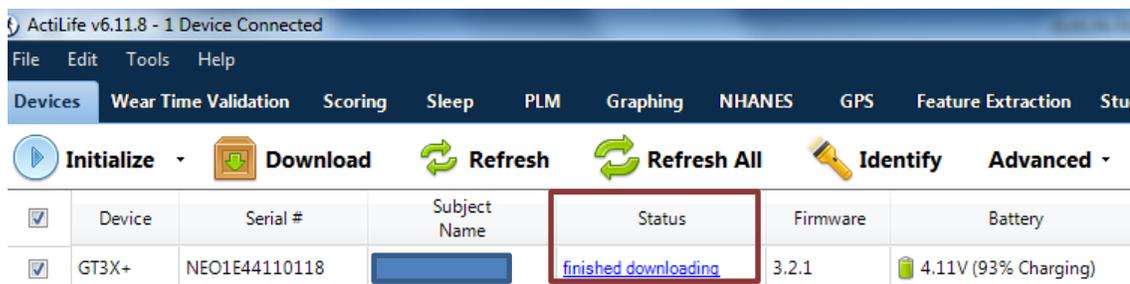
File Edit Tools Help

Devices Wear Time Validation Scoring Sleep PLM Graphing NHANES GPS Feature Extraction Studies

Initialize Download Refresh Refresh All Identify Advanced

<input checked="" type="checkbox"/>	Device	Serial #	Subject Name	Status	Progress	Firmware	Battery
<input checked="" type="checkbox"/>	GT3X+	NEO1E44110118		downloading RAW...	<div style="width: 50%;"></div>	3.2.1	4.11V (93% Charging)

- The Status will say 'finished downloading' when the download is complete.



ActiLife v6.11.8 - 1 Device Connected

File Edit Tools Help

Devices Wear Time Validation Scoring Sleep PLM Graphing NHANES GPS Feature Extraction Studies

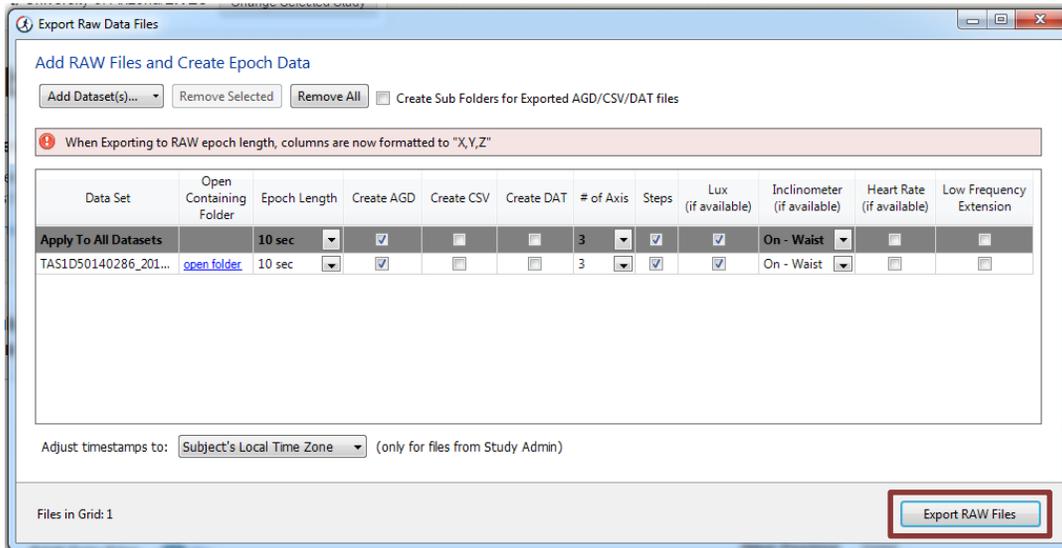
Initialize Download Refresh Refresh All Identify Advanced

<input checked="" type="checkbox"/>	Device	Serial #	Subject Name	Status	Firmware	Battery
<input checked="" type="checkbox"/>	GT3X+	NEO1E44110118		finished downloading	3.2.1	4.11V (93% Charging)

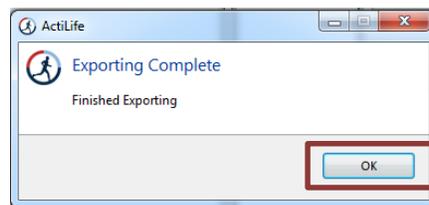
- To create a Clinical Report, double click on the RAW file in the folder. The RAW file is the file with the Red Box.

Name	Date modified	Type	Size
 NEO1E44110111 (2015-05-05)	5/5/2015 1:15 PM	ActiLife GT3X File ...	34,178 KB

- The ActiLife software will open, along with the 'Export Raw Data Files' dialog box. At the bottom right hand corner of the dialog box, click 'Export RAW Files'



- This box will open when exporting is complete. Click 'OK'.



- Safely eject the Link USB cord by clicking on the arrow on the bottom right hand corner of the

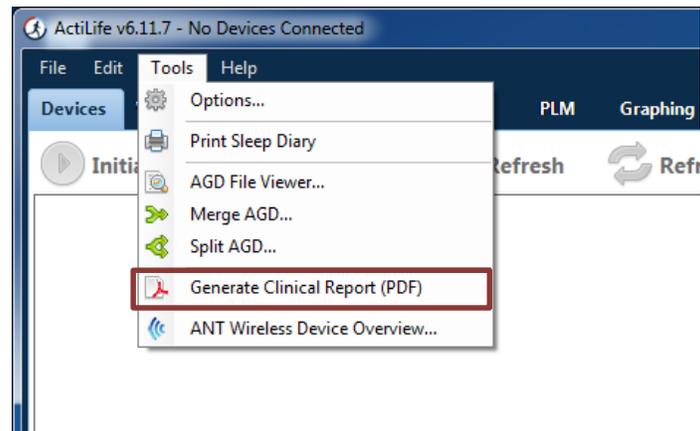


desktop, click on  and click on the name for the Link.

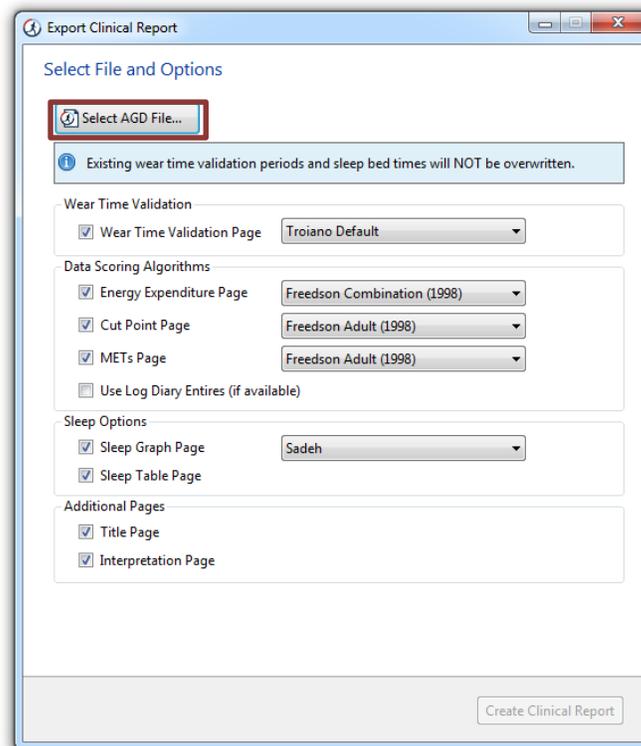


- If ActiLife is not currently open, double click on

- On the main screen, click on Tools → Generate Clinical Report (PDF)

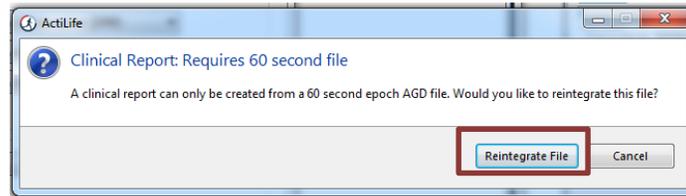


- Click 'Select AGD File'

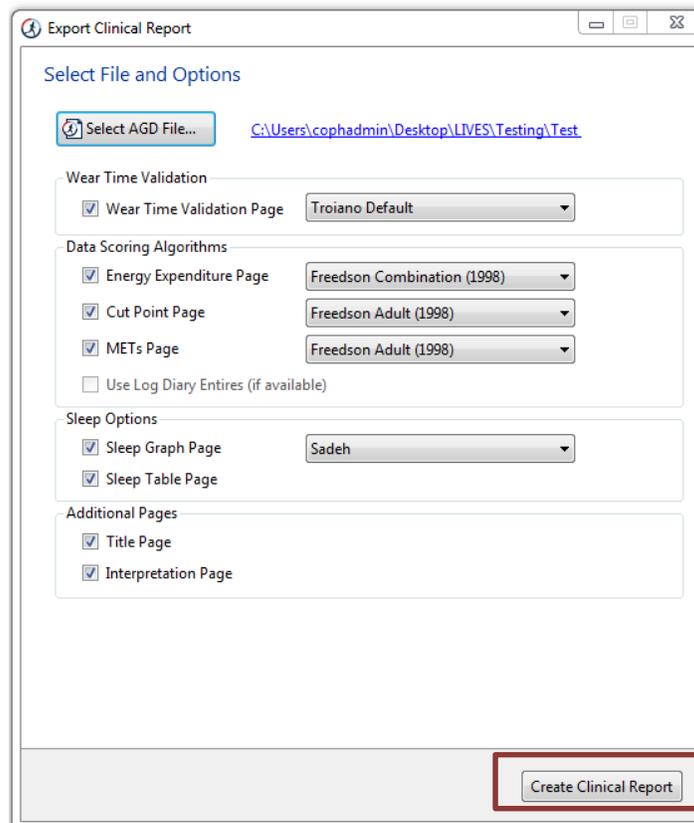


- Select the file you would like to use from the folder. Double click on the file name.

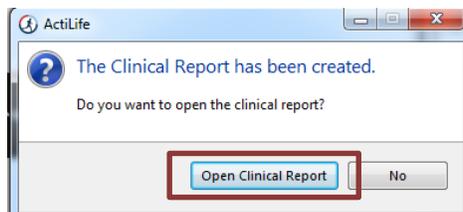
- A screen will appear that says:



- Click 'Reintegrate File'.
- The file name should appear at the top of the 'Export Clinical Report' dialog box. At the bottom right hand corner, click 'Create Clinical Report'



- Click 'Open Clinical Report'



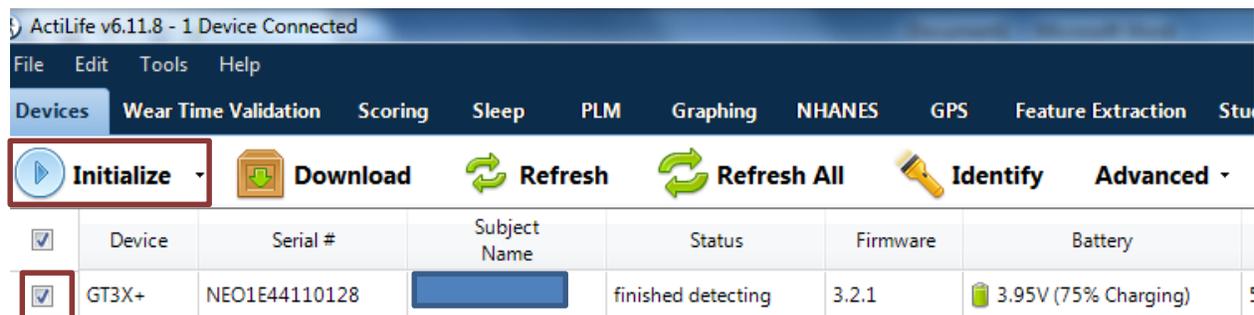
- A PDF of the Clinical Report will open.

ActiLife Initialization Procedure

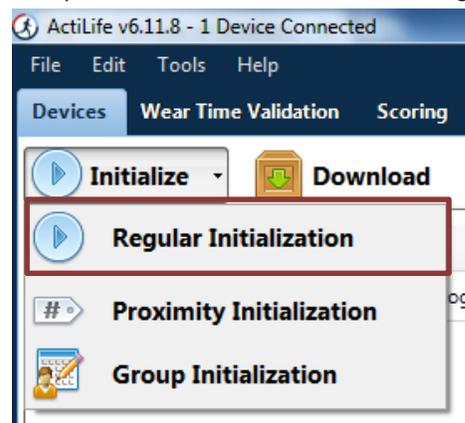
- Remove cap from the GT3X+ device by using the red pick. . **NOTE: Be very careful with the connector cap.**
- Connect the GT3X+ device to the small end of the USB cord and connect the large end of the USB cord to the computer USB port.



- Open ActiLife by double clicking on .
- The GT3X+ device will appear on the screen. Make sure the box is checked. Click 'Initialize' to begin initialization of the device.



- Select 'Regular Initialization'. *Important: Device must have a charge above 80% to initialize.*



- An 'Initialize Devices' dialog box will open.
- Select the 'Start Time' by clicking on the calendar icon and clock icon. Select the box to 'Use a Stop Time' and select the 'Stop Time' using the calendar icon and clock icon.
- Select a 'Sample Rate' of 30 Hz.
- Uncheck the boxes for 'Delay Mode LED' and 'Data Collection LED'.
- Select 'Enabled' for 'Idle Sleeping Mode'.
- When finished, select 'Enter Subject Info' at the bottom of the screen.

The screenshot shows the 'Initialize Devices' dialog box with the following configuration:

- Choose Initialization Parameters for 1 Device**
- Select Start Time:** 5/11/2015 9:00 AM
- Use Stop Time?** Use Stop Time? 6/18/2015 11:59 PM
- Device Time:** 6/8/2015 10:15:38 AM Use Local Computer Time
- Devices will continue collecting data until the battery dies.**
- GT3X+ (1)**
- Sample Rate:** 30 Hz
- LED Options:** Delay Mode LED Data Collection LED
- Recording Options:** Idle Sleep Mode: Enabled
- Enter Subject Info** button at the bottom right.

- Do not change the 'Serial' number.
- Enter the 'Subject Name'.
- Select a 'Gender'.
- Select the 'Height (ft)'.
- Select the 'Height (in)'.
- Enter the 'Weight (lbs)'.
- Enter the 'DOB'.
- Select the 'Race'.
- Select the 'Limb' as 'Waist'.
- Select the 'Side' on which the device will be worn.
- Select the 'Dominance' of the 'Side' selected.

Initialize Devices

Choose Initialization Parameters for 1 Device

Select Start Time: 6/11/2015 9:00 AM Default Use Stop Time? 6/18/2015 11:59 PM

Device Time: 6/8/2015 10:26:25 AM Use Local Computer Time Devices will continue collecting data until the battery dies.

Serial	Subject Name	Gender	Height (ft)	Height (in)	Weight (lbs)	DOB	Race	Limb	Side	Dominance
NEO1E44110128		Male	5	10	186		White / Cauca...	Waist	Right	Dominant

- When finished, click 'Initialize 1 Device'.

Initialize Devices

Choose Initialization Parameters for 1 Device

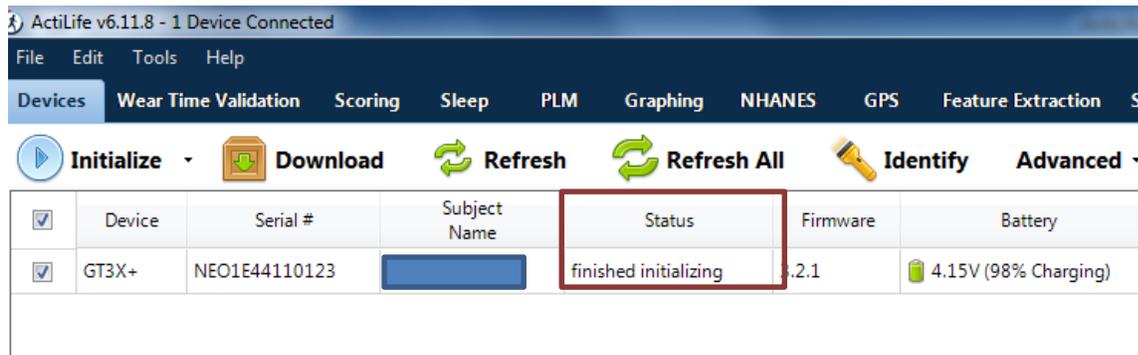
Select Start Time: 6/11/2015 9:00 AM Default Use Stop Time? 6/18/2015 11:59 PM

Device Time: 6/8/2015 10:30:01 AM Use Local Computer Time Devices will continue collecting data until the battery dies.

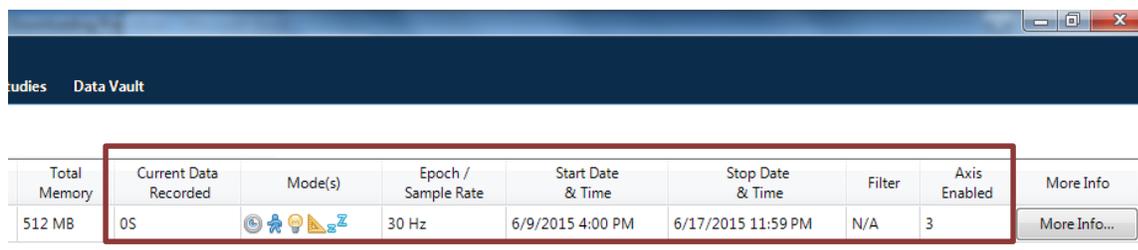
Serial	Subject Name	Gender	Height (ft)	Height (in)	Weight (lbs)	DOB	Race	Limb	Side	Don
NEO1E44110128		Male	5	10	186		White / Cauca...	Waist	Right	Dorr

Use Serial as Subject Name

- When initialization is complete, the 'Status' bar will state 'finished initializing'.



- The boxes on the main screen now reflect the data you entered on the 'Initialize Devices' dialog box.



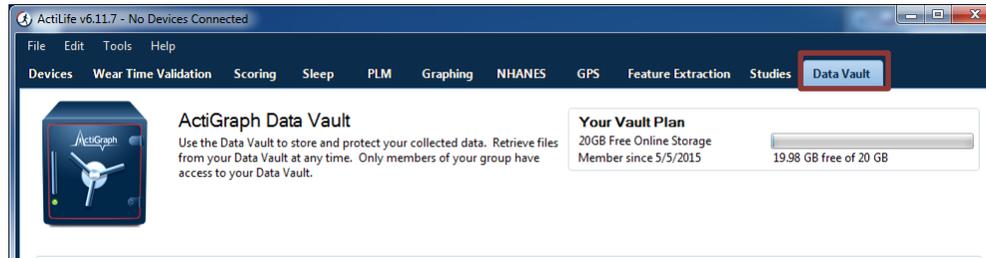
- Disconnect the device by performing 'safe eject' and unplugging the USB cable.

NOTE:

Be very careful with the connector cap. Make sure that you do not cross-thread when you replace the cap. Do not over-tighten the cap.

Placing Files in ActiGraph Data Vault

- Click on Data Vault at the top of the ActiLife home screen



- To create a new folder, click 'New Folder'



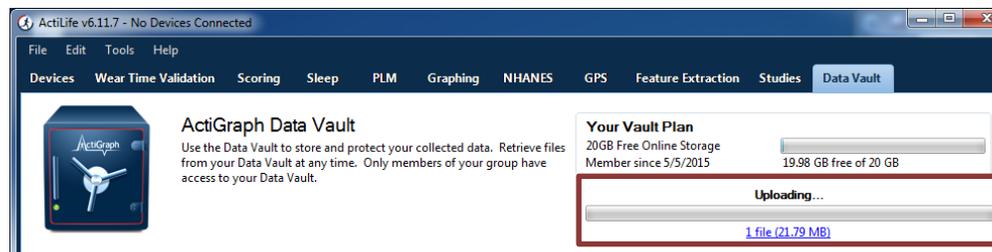
- Type the Folder Name
- To add a file to the folder, double click on the folder

LIVES	admin@CPH-GARCIA	5/12/2015 11:18 AM	Sub-Folder
Test #1	admin@CPH-GARCIA	5/12/2015 11:24 AM	Sub-Folder

- Click 'Add File(s)'



- Find the appropriate file, click on the file and click 'Open' at the bottom of the dialog box.
- The Data Vault will show the uploading status



- When the file is uploaded completely, the upload bar will disappear.