

Managing Trackit Data Files

How to organize dual recorded Trackit files for upload/review when using the T4A or Mk3 amplifier.



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Using the T4A Amplifier

The T4A amplifier records EEG data to a .BDF file, which is the 24 bit version of the native .EDF file type. The .BDF file is recorded in 4GB increments, which can result in one study having multiple .BDF files. When the study reaches 4GB a new .BDF and .TEV file is created. Each subsequent .BDF and .TEV file is labeled with _1, _2 and so on.

The PC recording will record a .bdf file, a .tev file and a .tvx file. If the study is interrupted and then resumed, a new .bdf, .tev and .tvx file is created in the Patient folder on the PC. Each Subsequent .bdf, .tev and .tvx file is labelled with a _1, _2 and so on. The video files (.mp4/.avi and .tvs) are also stored in the Patient folder on the PC.



Example: patient Tom Smith:

First .BDF file **SMITH.BDF**, after 4GB or restart the second file would be **SMITH_1.BDF**, the next would be **SMITH_2.BDF**

NOTE: The file names for the files recorded on the T4A will be **UPPERCASE**.
The filenames for the PC files will be lowercase

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T4A File Types

Files recorded to the SD Card on the T4A		NOTE: UPPERCASE FILE NAMES	
Studies greater than 68-72hrs may have multiple BDF and TEV files on the SD card on the T4A.			
PATIENT.BDF	First .BDF file		
PATIENT.TEV	File that contains patient pushbutton events and T4A status events.		
PATIENT_1.BDF	Second .BDF file after 4GB.		
PATIENT_1.TEV	Second Event file, containing patient pushbutton events and T4A status events.		
Files recorded to the Patient PC Folder		note: lowercase file names	
Patient.bdf	First .bdf file		
Patient.tev	File that contains patient pushbutton events and T4A status events.		
Patient.tvx	File that contains the events that are placed during the study		
Patient_yymmddhhmmss.mp4 (or .avi)	Video file	<i>*Video files are stored in 30-60 minute segments. There will be multiple video and video sync files stored in the patient folder.</i>	
Patient_yymmddhhmmss.tvx	Video sync file		
Additional files recorded to the Patient PC Folder (ONLY IF THE STUDY WAS RESTARTED)			
Patient_1.bdf	Second .bdf file		
Patient_1.tev	Second .tev file		
Patient_1.tvx	Second .tvx file		

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T4A File Types – continued

Restarted study (due to intentional system reboot or power outage) – These studies will contain multiple files in the PC patient studies folder. User placed events will write to the most recent .tvx file and the original .tvx file.

When uploading the study the user must remove all but the original .tvx file. This is easily identified as the one without a number modifier.

Example: remove patient_1.tvx DO NOT remove patient.tvx

IMPORTANT – If there are multiple study files with video segments for the same patient, for technical support please call the Customer Experience Team on **866-889-6505** for assistance. The system will need to be online for our support staff to login.

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T4A Workflow

1. Perform dual recording with the Trackit T4A
2. Stop the PC and Trackit card recording
3. Locate the patient's PC data – usually on the desktop in the patient video file
4. Create a new folder on the desktop
5. Move the PC .bdf and .tev files to folder you created
6. Move extra PC .tvx files – if there is more than one .tvx file move all but the original .tvx file to the folder you created
7. Place SD card into a card reader – copy the .BDF and .TEV files from the card to the patient's study file
8. Files must have the same name – ensure that all the files in the PC patient study folder have the same name before the underscore



9. Rename files if needed – any files that do not have the same name before the underscore need to be renamed to the original file name.
If you need assistance in renaming files please call the Customer Experience Team on 866-889-6505.

Example: Files for patient Smith are SMITH.BDF, SMITH.TEV, SMITH_1.BDF, SMITH_1.TEV, Smith.tvx, Smith_YYMMDDHHMMSS.mp4, Smith_YYMMDDHHMMSS.tvs and could include anonymous_YYMMDDHHMMSS.tvs and anonymous_YYMMDDHHMMSS.mp4. You would have to rename the files with 'anonymous' to 'Smith'.

The study is ready to be uploaded to the Rendr Cloud or opened in Persyst.

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Using the Mk3 Amplifier

The MK3 amplifier records EEG data to the .EDF file type which is a typical file type used with EEG. **The .EDF file is recorded as one file and is not separated after a certain amount of data.** However, if a study is stopped, then resumes, the PC data will have additional .EDF and .TEV files.

Example: patient Tom Smith:

First .EDF file **Smith.edf**, after restart the second file would be **Smith_1.edf**, the next would be **Smith_2.edf**



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Mk3 File Types



Studies may have the following files

PATIENT.EDF	EDF file recorded on the Trackit Mk3	
PATIENT.TEV	Event file recorded on the Trackit Mk3	
Patient.edf	First EDF file recorded on the PC	
Patient.tev	File that contains patient events, recorded on the PC	
Patient.tvx	File that contains events placed during the study	
Patient_1.edf	Second EDF file recorded on the PC after a study restart	
Patient_1.tev	Second TEV file recorded on the PC after a study restart	
Patient_1.tvx	Second TVX event file after a study	
Patient_yymmddhhmmss.mp4 (or .avi)	Video file	*video files are stored in 30-60minute segments. There will be multiple video and video sync files stored in the patient folder.
Patient_yymmddhhmmss.tvx	Video sync file	

User placed events will write to the most recent .tvx file and the original .tvx file.

When uploading the study the user must remove all but the original .tvx file.
This is easily identified as the one without a number modifier.

Example: remove patient_1.tvx, DO NOT REMOVE patient.tvx

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Mk3 Workflow



1. Perform dual recording with the Trackit Mk3
2. Stop the PC and Trackit card recording
3. Locate the patient's PC data – usually on the desktop in the patient video file.
4. Create a new folder on the desktop
5. Move the .edf and .tev files to folder you created
6. Move extra .tvx files – if there is more than one .tvx file move all but the original .tvx file to the folder you created
7. Place CF card into a card reader – copy the .EDF and .TEV files from the card to the patient's study file.
8. Files must have the same name – ensure that all the files in the patient study folder have the same name before the underscore.

9. **Rename files if needed** – any files that do not have the same name before the underscore need to be renamed to the original file name

Example: Files for patient Smith are SMITH.EDF, SMITH.TEV, Smith.tvx, Smith_YYMMDDHHMMSS.mp4, Smith_YYMMDDHHMMSS.tvs and could include anonymous_YYMMDDHHMMSS.tvs and anonymous_YYMMDDHHMMSS.mp4. You would have to rename the files with 'anonymous' to 'Smith'.

The study is ready to be uploaded to the Rendr Cloud or opened in Persyst

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**For technical support please call
the Customer Experience Team**

Tel: 866-889-6505

Email: support@lifelinesneuro.com

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