

## MR3 Data Backup and Management

Applies to MR 3.10 through MR 3.20.

Backing up your data collected in MR3 should be a normal part of your routine if you collect data from large subject populations daily. This document explains how to create a data backup to an external location and how to optionally link your database to an external location (e.g. an external database with more space).

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## Creating a Data Backup

It is highly recommended to periodically back up your data to an external location in case of accidental data corruption or loss of the local hard drive. The backup should be maintained so it is up to date in preparation for transfer to an upgraded version of MR. If you already have a backup, navigate to the section, *Maintaining a Data Backup* on the next page.

*Attention: Depending on the amount of data backed up, the process of creating a backup may take several minutes and up to several hours. Plan accordingly so backups can be created when the PC is not in use.*

- 1 From the Database tab, recompress video files in your database before backing up to reduce the file size.

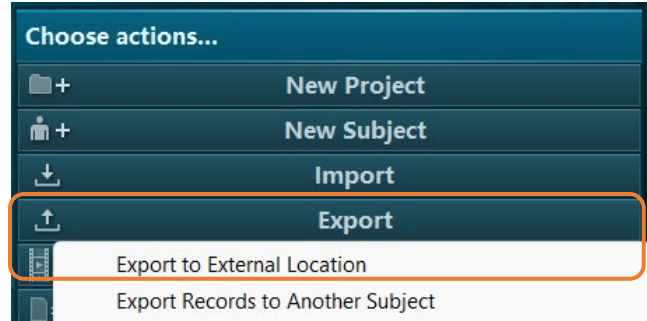
*Note: Records containing high-speed videos can be reduced to 1/10th of the original file size by recompressing files.*

*Note: Video recompression for many large files may take several minutes.*

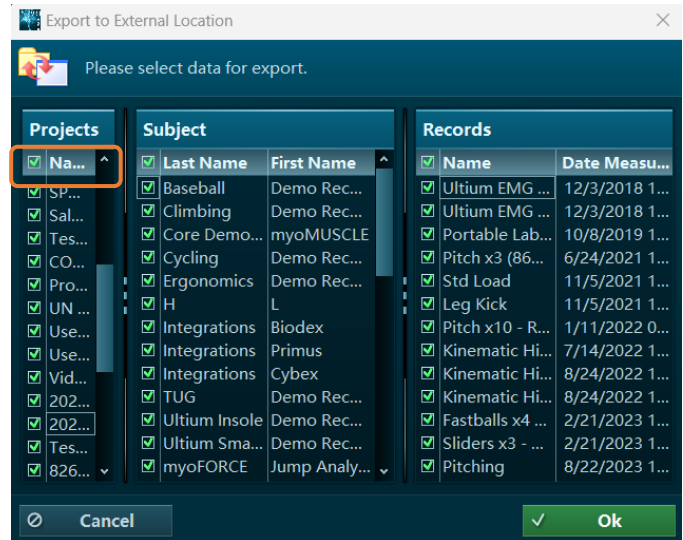


- 2 Create a new folder in an external location. This can be on a separate hard drive, flash drive, or external database Name the folder "Noraxon MR3 data backup."

- Open MR3 and navigate to the Database. From the toolbar, select *Export >> Export to External Location*

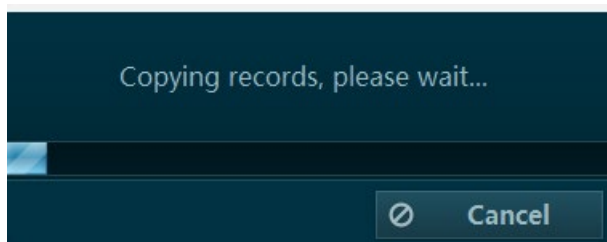


- Click the top checkbox in the Projects column to select all the data in your database. Otherwise, select only the data you wish to back up. A green check  will appear next to every Project, Subject, and Record that will be saved. Select "Ok".



- When the file directory appears, navigate to the folder created in Step 1 and click "Select Folder".
- While data saves, a progress bar will appear.

*Note: If you interrupt MR3 while saving data, the software may appear as though it is not responding. It is still working to back up the data and the "copying records" message will disappear when it is finished.*



## Maintaining a Data Backup

If you do not have an existing backup for MR3 data, refer to the section above to create a backup.

*Attention: Depending on the amount of data backed up, the process of creating a backup may take several minutes up to several hours. Plan accordingly so backups can be created when the PC is not in use.*

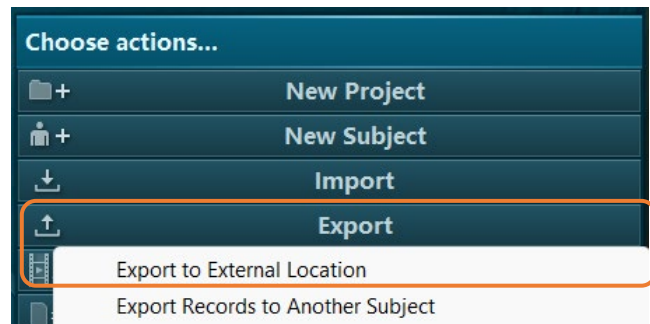
- 1 From the Database tab, Recompress video files in your database before backing up to reduce the file size.

*Note: Records containing high-speed videos can be reduced to 1/10th of the original file size by recompressing files.*

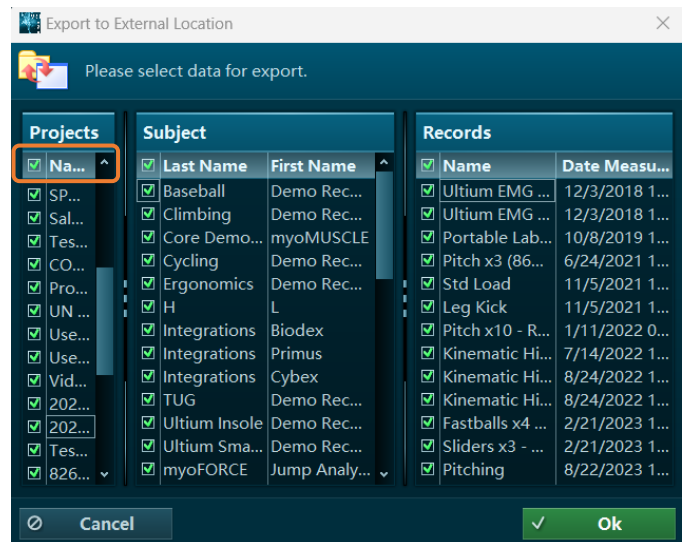
*Note: Video recompression for many large files may take several minutes.*



- 2 Open MR3 and navigate to the Database. From the toolbar, select Export >> Export to External Location



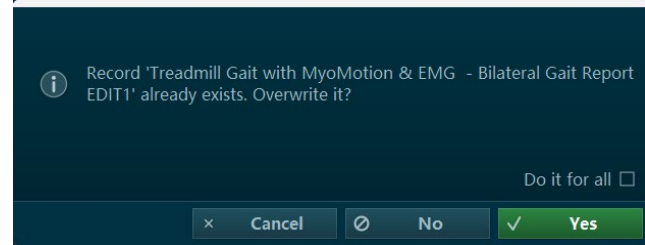
- 3 Click the top checkbox in the Projects column to select all the data in your database. Otherwise, select only the data you wish to back up. A green check  will appear next to every Project, Subject, and Record that will be saved. Select "OK".



- 4 When the file directory appears, navigate to your backup folder.

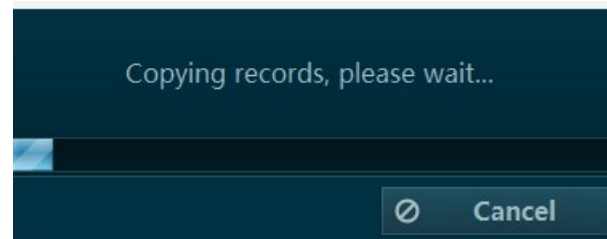
*Note: Do not navigate deeper into the subfolders of your backup folder.*

*Note: A message may appear telling you a record already exists in your backup location. You have the option to overwrite it (Yes), or not (No). Select "Do it for all" to overwrite or not overwrite existing copies.*



- 5 While data saves, a progress bar will appear.

*Note: If you interrupt MR3 while saving data, the software main appear as though it is not responding. It is still working to back up the data and the "copying records" message will disappear when it is finished.*



## Setting up an External Database

If no external database is being used, your computer will automatically store saved MR3 recordings to your PC's main hard drive (C: drive). If you have a small C: drive or your recordings take up a large amount of space on your computer, then it may be necessary to create an External Database, which is a separate hard drive with a higher capacity.

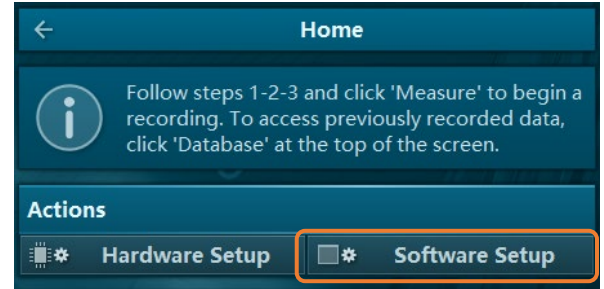
Creating an External Database is different from creating a backup as the external database will store data to a separate location, while a data backup will store a copy of your data to an external location, while the data still saves to the default location or chosen External Location on your PC. Even if you create an External Database, it is still recommended to periodically maintain a separate backup.

Follow these steps to set up an External Database:

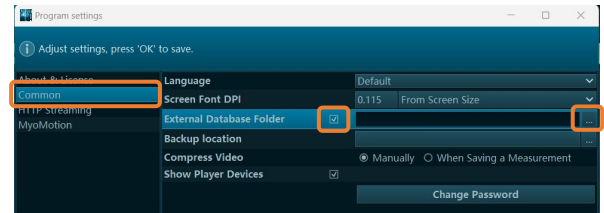
- 1 Create a new folder on a different hard drive to save data to. For example, in your PC's (D:) Drive. Name the folder something you will remember, like "Noraxon MR3 external database."

*Note: This External Location cannot be located on a shared drive or any other drive accessible from other locations.*

- 2 Open MR3 and select **Software Setup** from the Actions in the toolbar.



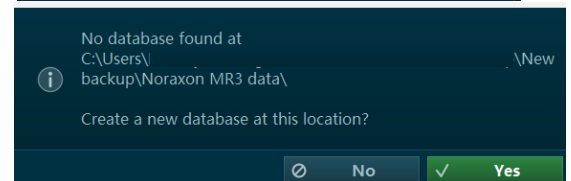
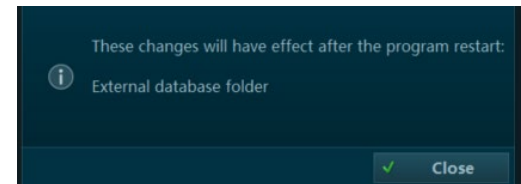
- 3 In the Common settings, check the box that says **External Database Folder** then select the ellipsis (...) on the right to select a folder to save to.



- 4 When the file directory appears, navigate to the folder created in step 1 and choose "Select Folder".

Select "Yes" to create a new database at this location. A backup location will be created after the software automatically restarts.

*Note: If you are connecting a previously established database, this message will not be shown.*



- 5 To populate your new database location, create a backup in that location following the steps in the *Creating a Backup* Section of this document. It is not necessary to create a new backup folder. The folder created in **Step 1** of this section acts as the new database location/backup location.