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## Offline Processing of Airyscan Data

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1. **Store** your airyscan images direct on the HIVE, which should be mounted at H: in your profile, during acquisition
  - a. Use path H:\Airyscan\_processing\Input
  - b. In order to have it automatically processed the file **MUST**
    - i. Be an **czi format**
    - ii. Include “**Airyscan.**” (note the dot!) in the filename
  - c. If you want to force 2D processing (if you have suboptimal sampling) the name must also contain “**.2D**” (note the dot!)

Example 3D: H:\Airyscan\_processing\Input\Airyscan.pPE85\_FM.czi

Example 2D: H:\Airyscan\_processing\Input\Airyscan.2D\_tissue.czi

2. The **processing** is done automatically.
  - a. The processed original file is moved to the directory “processed”
  - b. The processed result file is moved to the directory “output”

Both files get the date and time put in front.

Example 3D: H:\Airyscan\_processing\Processed\151201\_135649\_Airyscan.pPE85\_FM.czi  
H:\Airyscan\_processing\Output\151201\_135648\_Airyscan\_Processed.pPE85\_FM.czi

Example 2D: H:\Airyscan\_processing\Processed\151201\_135648\_Airyscan\_Processed.pPE85\_FM.czi  
H:\Airyscan\_processing\Output\151201\_135912\_Airyscan\_Processed.2D\_tissue.czi

3. **Transfer** your processed files:
  - a. Access your files from any computer by using the following path:  
[\\hive-impimba-1\PROJECTS\Airyscan\\_processing\Output](\\hive-impimba-1\PROJECTS\Airyscan_processing\Output)  
[\\hive-impimba-1\PROJECTS\Airyscan\\_processing\Processed](\\hive-impimba-1\PROJECTS\Airyscan_processing\Processed)
  - b. Transfer the processed files to your favorite storage location

4. **DELETE** all your files on the HIVE

### **Important:**

- **It is not necessary to store the original data** (whatever is finally in the “processed”- Folder)!! There are usually no reasons to reprocess Airyscan data and they are very large.
- **Files on the HIVE older than 14days can be removed without notice**, so make sure you always transfer your data after processing