Performing a Retro-reconstruction on the Siemens Vida (SyngoMR XA)

To reconstruct DICOM images from raw data

1) Open the *Job View* tool (Figure 1), by clicking on the *Briefcase* icon in the upper right-hand corner of the *Data Management* window. You can also click the computer icon in the lower left-hand corner of the window.

Figure 1: Job View Tool

2) In the *Job View* tool, select the *MRI Reconstructions* tab: The tool will display raw-data (Figure 2) that remains in the system cache. These are listed by measurement number (*MeasUID*), *Patient name* and *Scan Protocol* name.
3) Select the measurement / scan you wish to reconstruct.
4) Under the *Action* column click the curly arrow button to start the reconstruction of the scan data; any dependent measurements (e.g coil calibrations) will also be reconstructed.
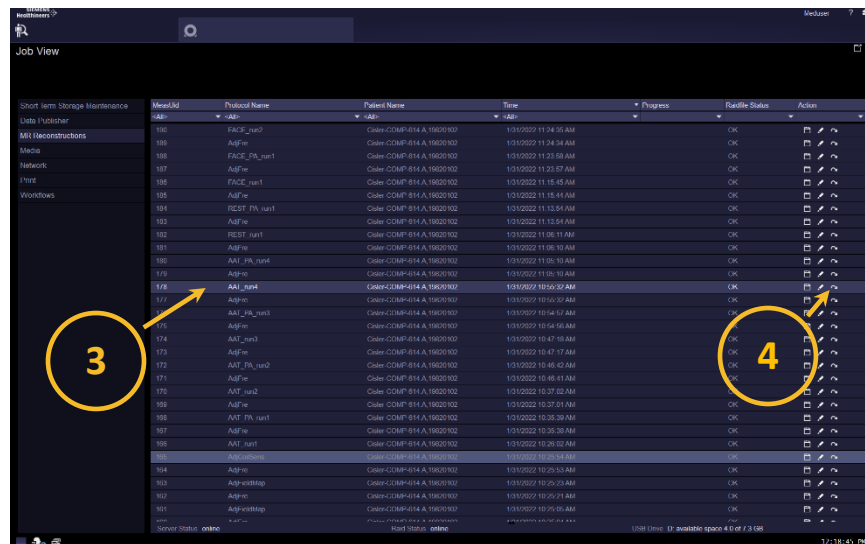

Figure 2: MRI Reconstructions tab

nb/ depending on the scan-type, a reconstruction can take several minutes to perform, particularly for SMS-EPI sequences with a large # of repetitions.