Batch Processing Large Data Sets

Batch processing allows you to automatically compensate and analyze a group of files with one analysis template and compensation matrix.

**To perform batch processing:**

1. Select **Batches** from the Tools menu.
2. Click **Add Batch**.
3. In the **Batch Folder Name** box, type a new batch name.
4. If input files are .rifs:
   a. Check the Compensation Box.
   b. Browse for and select the compensation matrix. Click **Open**.
5. If input files are .cifs, uncheck the Compensation Box.
6. Browse for and select the template. Click **Open**.
7. Click **Add Files**.
8. Browse for and select the .cif or .rif files for processing. Use ctrl click to select multiple files. Click **Open**.
9. Confirm the **Flow Speed Normalization** box is checked.
10. Check the box for **EDF deconvolution** only if the EDF element was used during collection on the ImageStream, otherwise leave unchecked.
11. Select the **Output Files Destination**.
12. Check Overwrite existing files if desired.
13. Click **OK**.
14. If you have another batch to add, repeat steps 2-13.
15. Click **Submit Batch**. The batches will be processed in the order they appear in the list.
16. If you want a batch report, double-click the batch in the **Processed Batches** list of the **Batches** window.

When the batch processing is complete, the IDEAS application saves the .cif, and .daf files in the output file directory chosen in step 11. In the Batches window, a list of processed batches appears in the Processed Batches list. If a batch did not successfully complete, it will appear in red.