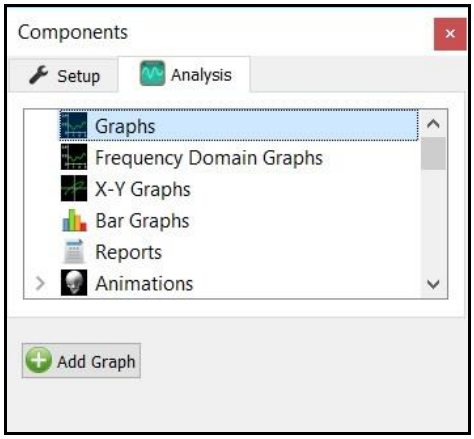
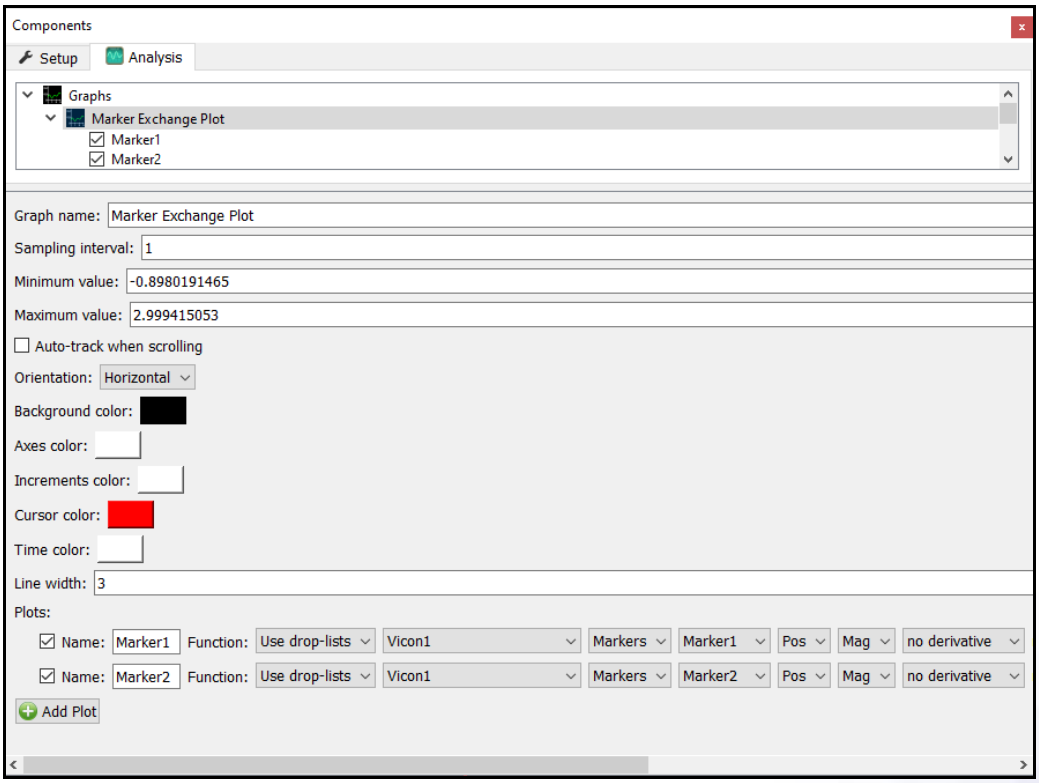
The MotionMonitor xGen Software Guide: Correcting Marker Exchanges

This document reviews the process for interpolating markers through the Graphs. The exchange is corrected by graphing the markers that have swapped.

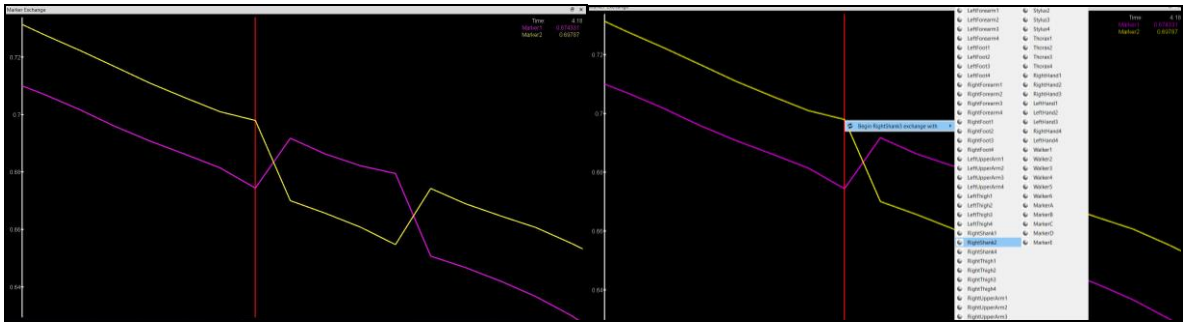
Graphs can be added by right-clicking on one of the graph nodes in the Components Analysis tab and selecting the add graph option or by clicking on the Add Graph button in the parameters panel when a Graph node is highlighted. A tutorial video for adding graphs can be found on our website, https://themotionmonitor.com/support/ .



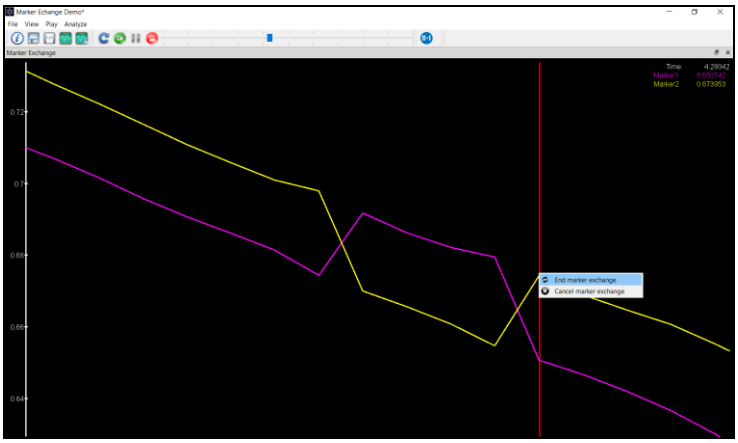
The markers which have swapped should be plotted on the graph.



Once the markers have been plotted, drag the cursor to the frame at which the swap occurred. Right click on the plot and select Begin Marker Exchange. From the drop-list, find the marker that swapped with the current selection.



Then, drag the cursor to the end of the exchange, right click and select “End Marker Exchange” to complete the correction.



The animation window can also be used to visualize any marker exchanges that occur. Markers can be enabled/disabled from view under *Analysis|Animations|Animation|CameraSystem(i.e Vicon)|Markers.* To differentiate between markers their colors can be modified.