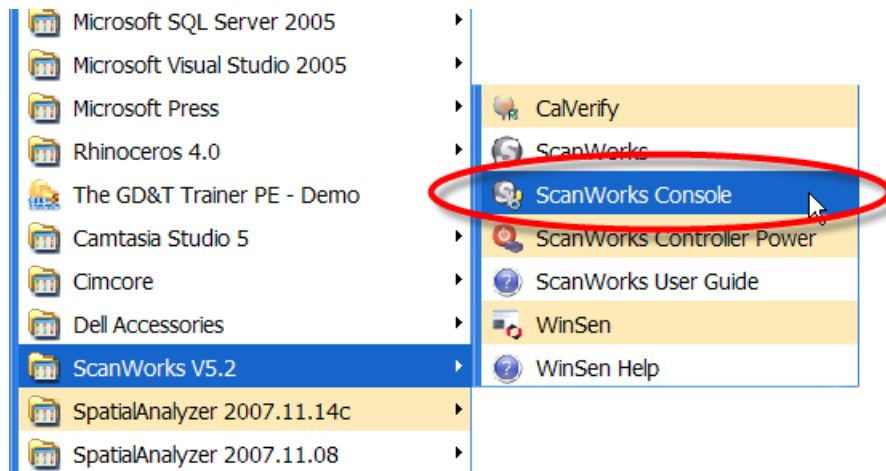
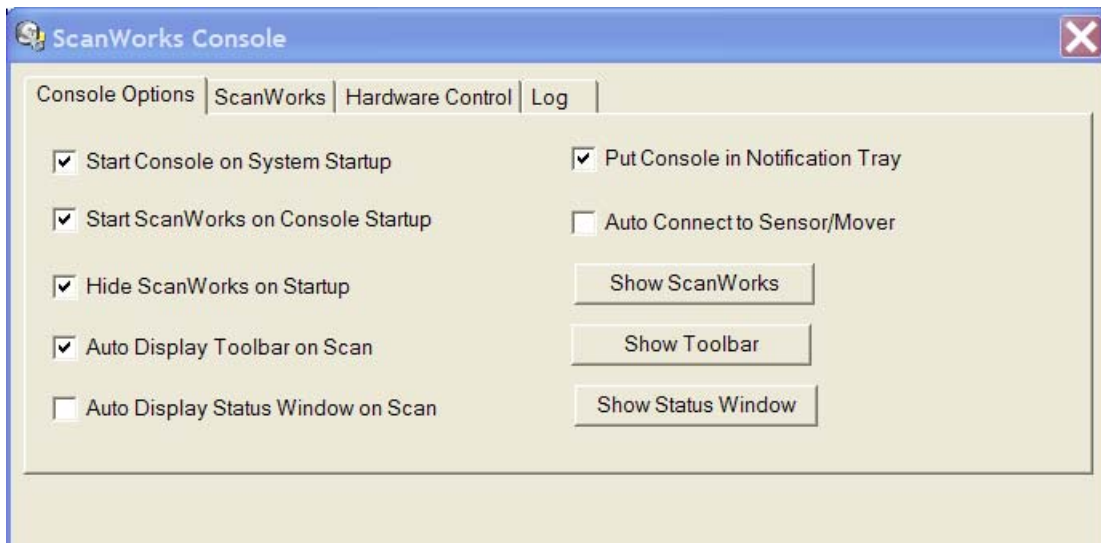


## **Running Perceptron V5 Scanner with Cimcore Arm in Spatial Analyzer**

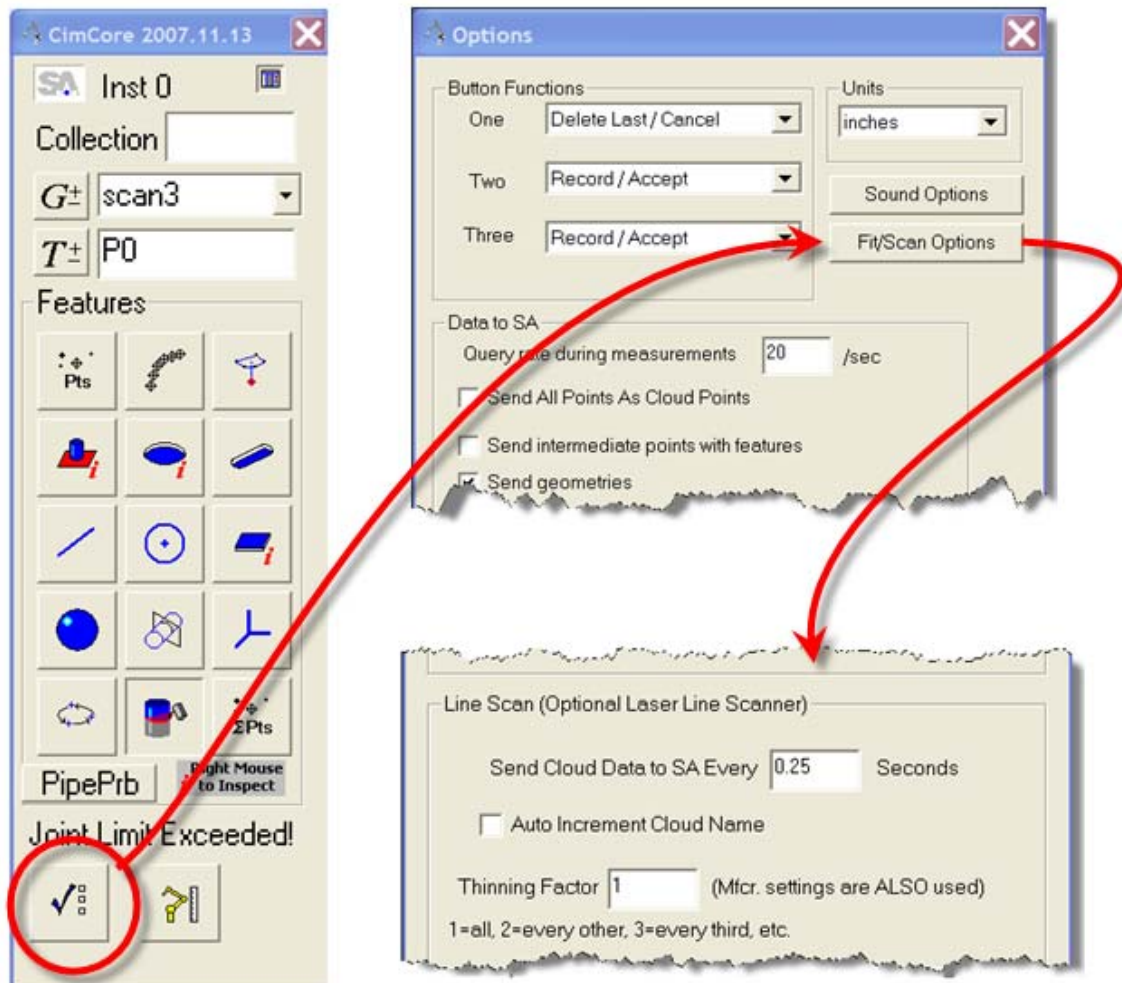
- Running the Perceptron Scanner requires Scanworks (version 5.21.116 or later) to be installed and running. Please refer to Scanworks documentation for details and settings. Scanworks interface is controlled by a console application. The console can be set to start on system startup or manually started when needed.




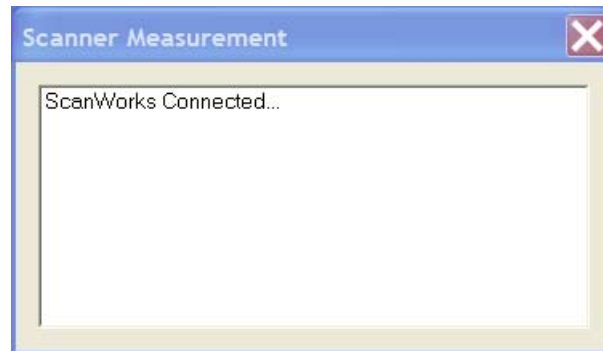
- The below options in the console must be set accordingly to allow SA to communicate with the arm and scanner. If settings are not set correctly communication errors will occur.



- Once the console options have been set, now operation of the scanner can begin. Open SA and add your instrument.
- Start the instrument interface. Best practice is to have the console running before you start the instrument interface but it is not required. The console must be running before the scanning operation is started.
- In the instrument interface there are several settings that can affect the outputs of the contour scanner. These settings can be optimized to best fit your application and the capacity of your computer.



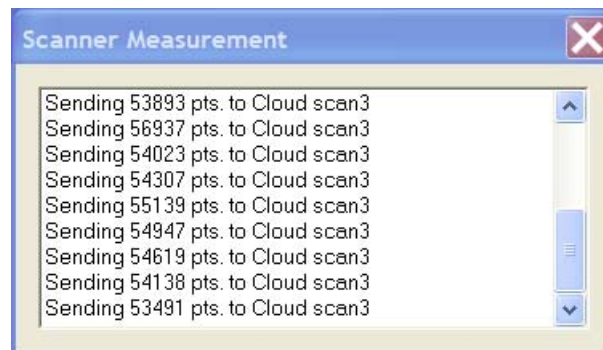
- Once Line Scan settings are configured, simple press  to start scanning. You will see a status window notifying the connection between SA and Scanworks.



- You will notice the below toolbar display when connected to the scanner. This will allow access to settings such as scan rate, scan density and exposure settings.



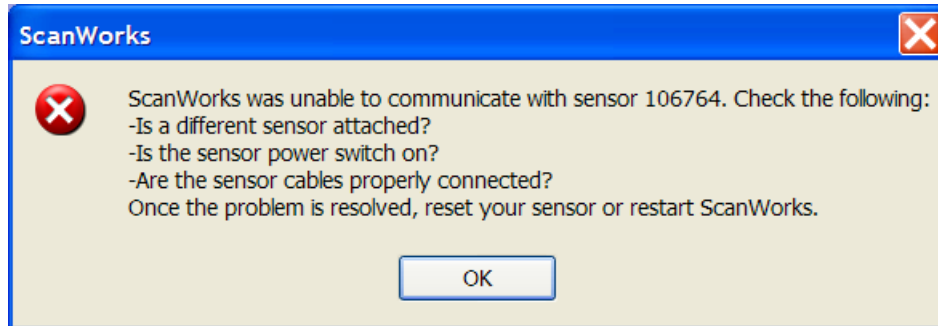
- Now press the Red button to start collecting data. The status window will show data being sent to SA.



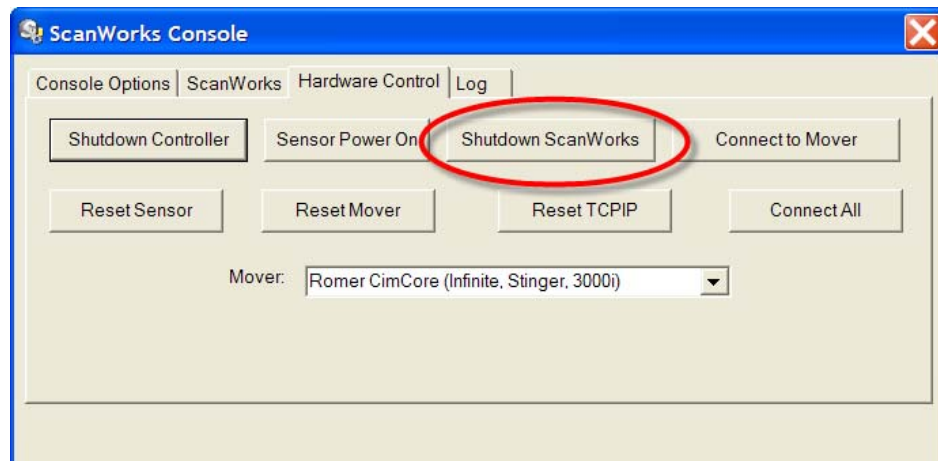
- To stop data collection, press the Red Button again. To exit the scanning operation press one of the White Buttons and SA will disconnect from Scanworks.

## Troubleshooting

- If the below error occurs try the following:



1. Check to be sure sensor is attached and all connections are correct
2. Go to the Scanworks Console and close Scanworks



3. Now restart Scanworks and try scanning operation again.

