Applied Systems Engineering, Inc.

ASE2000 Capture File Generation
Technical Note

Capture files can be a very useful tool in analyzing a communication session and as a mechanism for providing information to an equipment vendor or to ASE for diagnosing a communication or protocol problem.

The following procedure can be used to generate an ASE2000 Capture File:

1. Select "Properties > Auxiliary Files ..." to specify capture file name, location, and maximum size. Capture file data will wrap if the maximum size is reached, ensuring that the file will retain the most current data.
2. Select "File > Capture Enabled" to enable capturing
3. Select File and Monitor, Simulate Master, or Simulate RTU, as appropriate, to collect data in the capture file.
4. When you wish to terminate capturing, use the "stop" icon to stop communication
5. Select "File > Capture Enabled" to disable capturing

The capture file is now created and can be analyzed locally or sent to another person or company for analysis. ASE recommends that the capture file be viewed locally to verify that correct data has been captured. To do so:

6. Make "Line Monitor" the active view by clicking anywhere in the Line Monitor window.
7. Select "Edit > Clear All Messages" to clear the Line Monitor window. ***DO NOT PERFORM THIS STEP BEFORE YOU DISABLE CAPTURING (Step 5) OR YOU WILL CLEAR THE CAPTURE FILE AS WELL.***
8. Select "File > View Capture File" and select the recently created capture file.
9. Verify the data displayed is what was crated in steps 1 to 5