

Benchmarking Tool – Pause Option

In order to capture concurrent connections and ensure they don't all logout and disconnect before they are all completed, the following benchmarking tool enhancement was added to the POSConnect Listeners which is now part of its core product:

1. New option in *POSConnect.properties* file:
 - a. **TCSPOS.pause.option=true.**
 - b. This new benchmarking configurable parameter enables the Listener to pause at a given milestone during the transaction which is shortly after the Colleague subroutine has returned and right before the results are converted back to XML and sent as an HTTP response for the operator to view on the registers. This *pause* benchmarking parameter is only enabled when this value is set to *true* and should only be used for benchmarking purposes. Otherwise the listener will continue to operate under normal conditions.
2. New file in the *config* directory (*/datatel/services/POSConnect/config*) called *pause*. This is a null file used as a semaphore to signal the listeners to stop if the **TCSPOS.pause.option** is set to **true**. So, in order to pause all the Listeners, go to (*/datatel/services/POSConnect/config*, and type "*touch pause*". This will create a zero length file (null) called *pause*, which will be checked by the Listeners. When the desired number of Listeners are paused, type "*rm pause*" to delete the file, hence, releasing the semaphore and triggering all the listeners to be released, and send the XML response back to *WPserver.exe* all "at once". The HTTP TCP channel stays open when a listener is paused, until either it encounters a time out from the Nebraska side, which is 2 minutes or the *pause* is released.