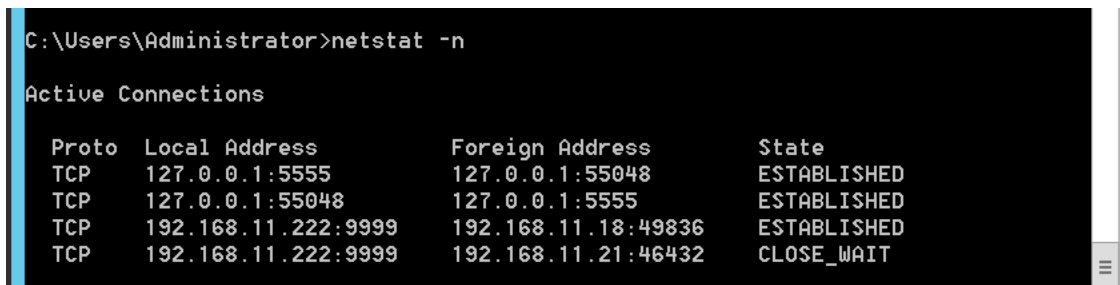
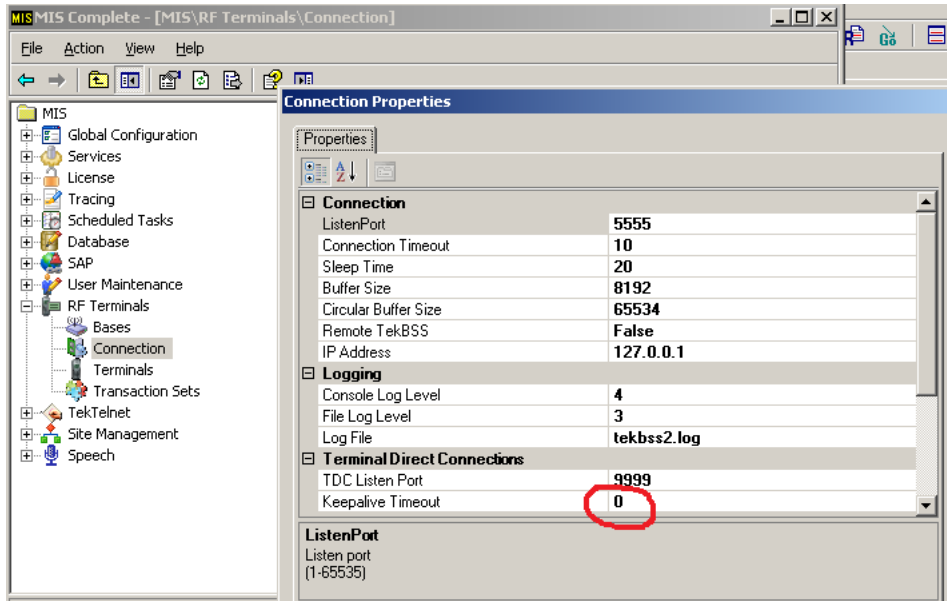


Release 7.15 fixes lingering TCP Sockets.

If the MIS Server has the **Terminal Direct Connection – Keepalive Timeout to 0**, (as illustrated below), the TCP Connections on Port 9999 will remain in a CLOSE_WAIT state until the SMIterm device reconnects or the Terminal Service is restarted.



If a large number of SMITERM devices are being used, these can “hook” all of the available connections to the TEKBS service. This is because MIS sets the maximum number of connections in the TEKBS.par file to be the highest Terminal ID (not a great design choice)

WORK AROUND:

If you do not want to upgrade to version 7.15, you can work around this problem by making sure there is a Terminal ID 999 defined, which will set the maximum number of connections to 999.

Or you can set the Keepalive Timeout to a non-zero value, then the Connection will be closed automatically after 3x this value. (example: Keepalive Timeout=10 will close the connection 30 seconds after SMIterm is closed)

NOTE:

Keepalive Timeout=0 is often set to avoid reconnect problems with PSION Terminals, which was introduced in MIS 3.6 SP2 and higher. If this value is not set to 0 then the terminal will not reconnect properly when it comes out of Sleep mode. The user is forced to press the enter key or a function key before the terminal will reconnect.