

## Release 7.19 bug fixes

- Fixed bug where the contents of a field is not selected when screen is first loaded (text is not highlighted in Dark Orange)
- Fix for Speech Recognition

Refer to: <https://stackoverflow.com/questions/71967536/why-has-speechrecognizer-suddenly-stopped-working/72141835>

Google has broken their Speech Recognition API again. They included updates in April to the Google App that broke the interface. As of June Google is uninterested in fixing this. (marking related issues in their issue tracker as “Won’t Fix”)

The SmiTerm 7.19 code has been changed to work around the problem. Alternatively, the end user can uninstall the latest updates to the Google App and continue using older versions of SmiTerm.

## Release 7.18 bug fixes

- Bug Fix: Scrolling input fields fixed, this was broken in version 7.17 (worked correctly in previous versions)
- Improved AIAG field processing providing option to send prefix to Host.

## Release 7.17 bug fixes.

Do not use the SCAN TO CONFIG feature on earlier versions.

- Bug Fix: “Scan to configure” will no longer creates duplicate entries in Configuration.
- Bug Fix: “Scan to configure” will work with Zebra DataWedge and other similar application that push data though a “soft keyboard” rather than placing the data in the keyboard buffer.
- Bug Fix: Changed TESS parsing to handle Fragmented Messages for the server. This can occur when the screen requires more than 384 bytes. On direct connections, typically a large screen is sent as a single TESS message. But 9500 controllers will break larger screens up into multiple TESS messages. This causes older versions of SmiTerm to Crash

- Bug Fix: TESS + command will erase the field when Style Byte is set to “Reserved Type” (bit 1=0 and bit 0=-0).
- Bug Fix: Numeric only fields would not accept non-numbers (example 2-2-2). In previous versions Numeric Only fields strictly enforced that the value entered be a number.
- Bug Fix: Modified font scaling calculations to avoid having the last column being “clipped” on some screen sizes. This problem typically happens on 15 row x 30 column screens.

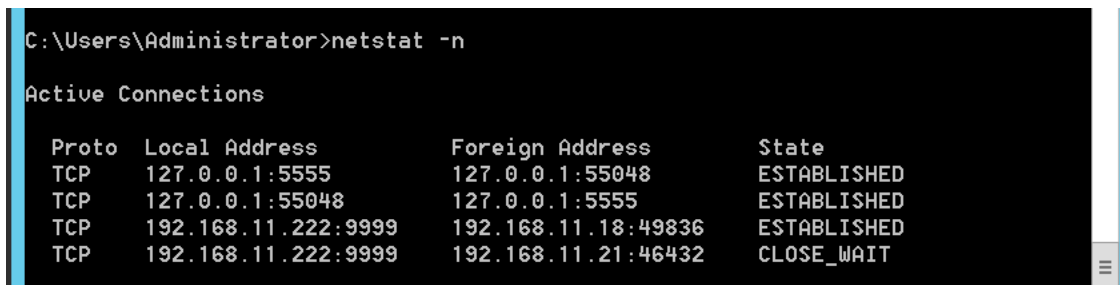
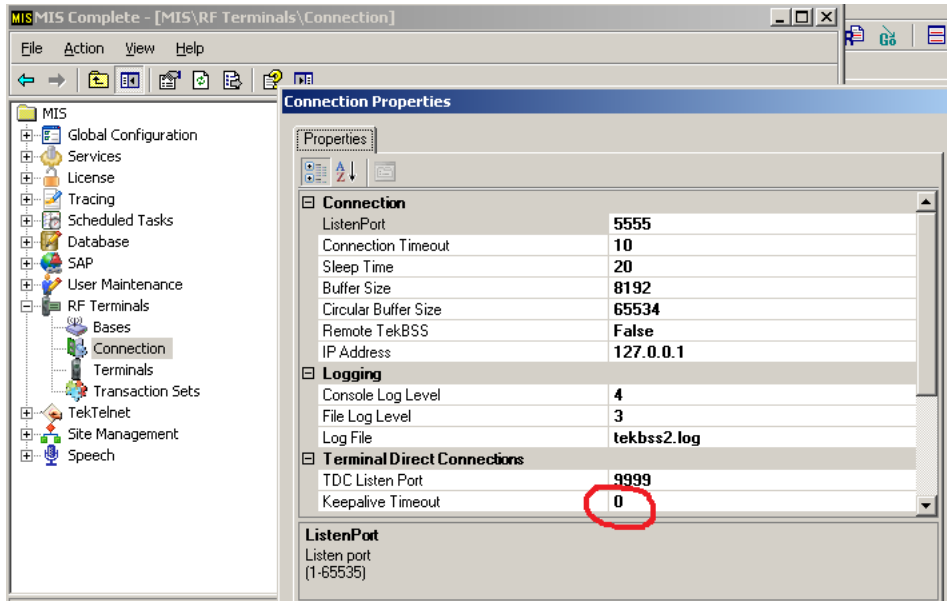
## Release 7.16 fixes printing bug

If the printer port pass command sends blocks of data that are larger than 208 bytes, the app will crash.

Note: We have seen this happen for customers attempting to send large blocks of data to bluetooth printers. BlueTooth printing is currently not supported in version 7 Version 8 Beta has better printer support including support for bluetooth printer

## 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.

Release 7.14 has fixes only for Speech Recognition.

Previous versions of SmiTerm' s speech recognition will not work correctly until Google fixes the issue in the link below:

<https://issuetracker.google.com/issues/152628934>