Release 9.22 Notes

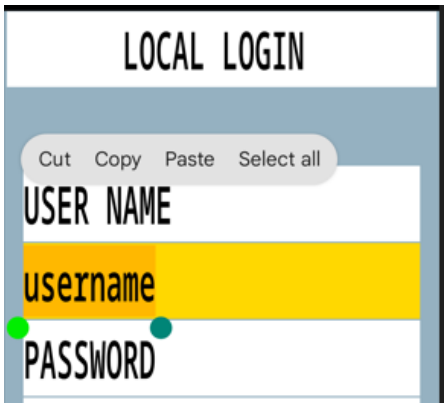
- Fixed bug in Special Character Popup, where the app can crash if you attempt to add a special character to a button.
- Added improved Input Field Editing.

  The handles that appear after a long press can now be moved using the arrow keys.

  The active handle is a bright green color, this is the handle that will move if the arrow keys are used.



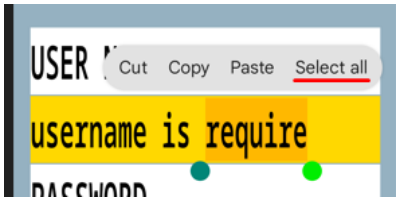
  A long press on a field that already has the handles visible will switch the active handle.



  The field will auto scroll to the active handler. This is very useful for scrolling fields since one of the handles may be outside of the viewable area.

  In addition, the following CTRL keys can be used to when editing an Input Field
  Ctrl-C copy highlighted text
  Ctrl-V paste highlighted text
  Ctrl-S select all text in the field and make handles appear (equivalent to long press)

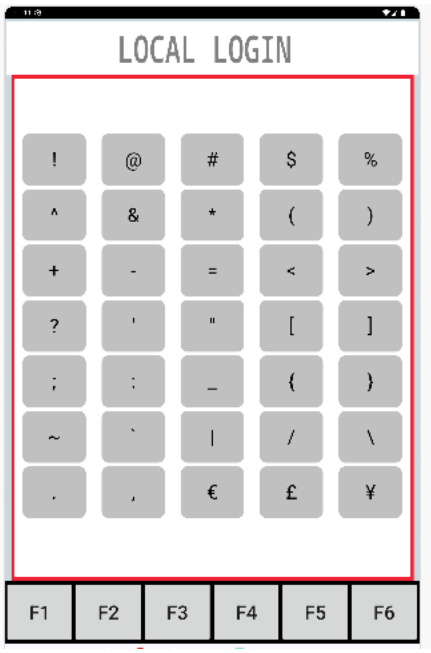
Be aware that if you long press on an individual word , Android will highlight just the word. (this is an annoying feature). You must then use the “Select All” to highlight the entire field.



Release 9.21 Notes

- Fixed Scan Prefix bug introduced in Release 9.20. This prevented the scan prefix from begin disabled using parameter **SCAN_PREFIX,<blank>**
- Added Special Character Popup which can be used to enter special character that are difficult to find on Zebra Devices with a physical keyboard. This can be activated by pressing CTRL+SPACE
  Some customers have reprogrammed the “Diamond Key” to send CTRL+SPACE so that the popup can be shown with a single key press.

  Below is the popup,
  It closes when any of the buttons are pressed, or by pressing the BACK key, or by pressing the ESC key, or by pressing CTRL+SPACE again.



Release 9.20 Notes

- Fixed “Cut and Paste” bug, where field was incorrectly updated if the length of the text cut was greater than the field width.
- Restored the KEYBOARD parameter, which was removed in Version 2.19. This is used to disable the popup keyboard, (a feature normally controlled by the Android Device Settings).

Release 9.19 Notes

There are major changes to the code in this release, as it was re-built using the latest Version of Android Studio. For more information, please read the 9.19 Details Document.

- Parameters for ORIENTATION and FULL_SCREEN have been discontinued. Instead, the application will automatically run in the device’s default orientation, (typically portrait for Hand Helds and landscape for Tablets). The status bar will always be visible at the top of the screen.
- Separate Sub-Parameter for Vibration added to the BEEP command. The old single parameter format will still work, but the new format is BEEP,<Sound>:<Vibration>. Example BEEP,2:1 will play sounds for both error message and keypress but only vibrate at the same time for error messages. Example BEEP,0:1 will only vibrate for error messages, there will be no sound.
- The Normal Sound for BEEP,2 now emulates TEKTERM only. The sound is now played only after the Terminal Unlocks. Previously, the normal sound was played as soon as the function key was pressed, which is incorrect.
- Improvements made to the “next field” algorithms that are controlled by the FIELD_ORDER parameter. (These determine where the cursor moves when you press TAB, or the application attempts to set focus to an invalid field.) These now more closely approximate the version of TEKTERM that runs on the PSION XT15 Terminals. FIELD_ORDER,0 emulates TEKTERM with field order set to no, FIELD_ORDER,1 emulates TEKTERM with field order set to yes, and FIELD_ORDER 3 emulates TEKTELNET and early versions of SmiTerm.
- Fix for Camera Scanning on old Android devices, running Android 5 (Lollipop). In some cases the camera view would remain black.
- Fixes for Paging (typically used by legacy apps designed to run on Narrow Band Terminals). Previous versions only supported a limited number of use cases. These all incorrectly assumed that the “Open” Command occurred immediately after the “Display Page” Command, and no attempts were made to update hidden Pages after the “Open” command.
- Popup Screens, (like the EXIT screen) now use a dedicated font and do not change size based on the ROW and COLUMN parameters.
- Fix made to AIAG processing, previous versions did not properly handle Transmit Groups. In some cases, the host was updated before all the fields in the Transmit Group were updated.
- Support for TTS (Text to Speech) has been removed.

Release 9.18 Notes

The release was re-built to support 16KB pages. This is a new requirement from google and must be in place by November 2025.

- A number of changes were made to scaling so that text better fit on the screen and within the boundaries of buttons.
- Changes were made to code used to set the Locale of the APP. In some releases the Locale would not change if it was different than the default locale of the terminal.

Release 9.17 Notes

We have found that Google's API 36 creates a number of problems with later releases of Android (Android 16). This because Google makes full screen (aka Edge to Edge) the default, and does not provide a way to opt-out. This required significant code changes to properly render the screen on startup. These changes also resulted in slightly longer load times for the initial screen.

A number of other bugs were also corrected (listed below).

- Fixed issues with scaling text to fit the screen when switching orientations.
- Fixed issues where long-presses on text fields caused screen remnants from the magnification feature found in older version of Android.
- Fixed bug where focus is not set to "Scan Only field" during long-press.
- Automatically set cursor to the top of the Configuration screen.
- Removed full screen keyboard from Landscape Orientation. Standard half screen keyboard should now always appear.
- Added additional security settings required for loading External Sound files, USB printer connections, and Bluetooth printer connections required for Android 15 and Android 16.

Release 9.16 Notes (not recommended for Android 16 devices)

- Fixed HEY-YOU popup bug that occurs when field length is set to Zero. In earlier versions the Popup could not be closed if the entry field length was set to zero.

Note: due to restrictions imposed by the Google Playstore, SmiTerm 9.16 was rebuild using the latest API (API 36). A pre-release is also provided that was built using the older API (API 34). Although this should not be a problem, Google as a terrible track record with backward compatibility.

Release 9.15 Notes

- Fixed problem with Text being Clipped on lower resolution screens.
  Bug in Scaling Code would sometimes increases the font width by an additional pixel,
  This would cause the Text to be “clipped” (some or all of the last character is missing) because it no longer fits in the Field.



Release 9.14 Notes

- Fixed problem with Hey-You popup message that does not lock terminal after data is sent.
  Terminal now locks after Enter key is pressed.

- Added the ability to append a Function key to the end of a Scan by extending the SCAN_PREFIX parameter. An optional Function key value can be added.

  SCAN_PREFIX, <value>:<function key number>

  Where <value> is set to single character that will trigger “scan to configure” and “AIAG barcode parsing”

  This can be set to a space character (Blank) to completely disable the scan features
  Default: ~ (ascii 126, hex 0x7E)

  Where <function key number> can be 1-12
  Default: 0 (Function key 0 is the ENTER key)

  Example: To send an F1 after the Scan set the value to SCAN_PREFIX,126:1

- Added additional BEEP value that emulates Legacy TekTerm devices, which will play the “normal” sound each time the terminal is unlocked.

  BEEP, <value>
  Set BEEP,4 plays “normal” sound after terminal is unlocked.
  Set BEEP,5 plays “normal” sound and vibrates after terminal is unlocked.

Release 9.13 Notes

- Fixed problems with Restriction file used by MDM programs like SOTI
  Typos in UTF and DEBUG_LEVEL were fixed. Previous versions prevented these parameters from being set remotely.

Release 9.12 Notes

- Added the ability to send function key presses F13-F24 by pressing SHIFT+F1 for F13, SHIFT+F2 for F14 … etc.
- Added FKEYS parameter, this controls the number of functions keys on the Fling-Bar. Minimum is 6, Maximum is 24, default is 12. This also gives the user a way to send function key presses F13-F24

Release 9.11 Notes

- Rebuild with Target API set to 34 (Android 14). Google Playstore requires all Apps to target API 34 before August 2024.
- Fixed bug with reading large 2D barcodes, previously size limit was 128 bytes which can be too small for Clone Barcodes. New Size limit is 8000 bytes.
- Fixed bug in AIAG barcode processing which prevented the Prefix from being sent to the Host.

Release 9.10 Notes

- Fixed issues with navigation between field in touch mode.
- Fixed popup keyboard does not appear once the app is suspended and resumed.
- Added Clone feature where a complete configuration can be read from one device to another by scanning a 2D barcode prefixed with the <CLONE, ---config data--- >. There is now a CLONE button in the Configuration that will display the configuration as a barcode.
- Added 2D barcode to license popup, so ID can be scanned.