

## TinyTERM for iOS Version History

Updated 4/18/2017

### **TinyTERM Lite/Plus/Enterprise v3.1.8** – April 18, 2017

#### Fixes

- TTIOS-479 – Crashes when running in non-UTF-8 mode

### **TinyTERM Lite/Plus/Enterprise v3.1.7** – April 10, 2017

#### Enhancements

- TTIOS-470 – Support for CJK Languages in UTF-8 Mode
- TTIOS-472 – Add license through Managed App Config

#### Fixes

- TTIOS-469 – Greek & German characters not displaying properly in UTF-8 Mode
- TTIOS-473 – Incorrect size from standard iOS keyboard
- TTIOS-474 – Save Password message in wrong position in Manage SSH Keys screen
- TTIOS-475 – Keyboard selection menu checkboxes disappearing
- TTIOS-476 – System keyboard appearing inappropriately
- TTIOS-477 – Landscape keyboards not centered vertically

### **TinyTERM Lite/Plus/Enterprise v3.1.5** – March 20, 2016

#### Enhancements

- TinyTERM Lite now requires registration

### **TinyTERM Lite/Plus/Enterprise v3.1.4**

#### Fixes

- TTIOS-460 – 5250 Numeric fields not right-adjusting and filling with zeros
- TTIOS-466 – 5250 emulation does not handle Insert Cursor request in the middle of Write Error Code
- TTIOS-468 – Licensing dialogs not word-wrapping

### **TinyTERM Lite/Plus/Enterprise v3.1.3** – March 20, 2016

#### Fixes

- TTIOS-457 – 3278-5 negotiations failing resulting in 3278-2 connection
- TTIOS-458 – SSL Connections failing in Citrix environment
- TTIOS-459 – Add in support for handling "smcup" and "rmcup" escape codes

### **TinyTERM Lite/Plus/Enterprise v3.1.2** – March 10, 2016 (available March 17)

#### Fixes

- TTIOS-450 – Copy/Paste menu not showing until after screen rotation or resizing
- TTIOS-451 – SSL Connections are failing with error 522, unexpected message
- TTIOS-453 – Cannot export configurations
- Removed Mobilogics SDK

## **TinyTERM Lite/Plus/Enterprise v3.1.1** – February 18, 2016 (available February 23)

### Enhancements

- TTIOS-4 – VPN On Demand support (CR 907)
- TTIOS-266 – Per-app VPN support

### Fixes

- TTIOS-431 – Signed Numeric 5250 fields losing last digit with positive values
- TTIOS-432 – Creating new config after failed SSL connection causes crash
- TTIOS-433 – Selecting SSL/TLS connection causes RS232 info to come up
- TTIOS-436 – Auto-start macros cannot be selected from the config detail screen
- TTIOS-438 – Crash switching from Safari via double-tap of Home button
- TTIOS-441 – Crash remapping keys
- TTIOS-442 – Keyboard menu stays up
- TTIOS-447 – Capabilities query problem in TN3270
- TTIOS-448 – Deleting a configuration in iOS 6 crashes TinyTERM
- TTIOS-449 – The START button on the configurations fails on iOS 6 devices

## **TinyTERM Lite/Plus/Enterprise v3.1.0** – September 16, 2015

### Enhancements

- iOS 9 Compatibility
- TTIOS-417 – Add auto remote configure feature that can be configured in the plist
- TTIOS-424 – Prevent keyboard mapping when configuration locked

### Fixes

- TTIOS-416 – PCICSP9 Transaction " is not recognized
- TTIOS-418 – TinyTERM Plus "feature not available" message says TinyTERM Lite
- TTIOS-419 – Rows rolls back to 25 if a one-digit number is entered
- TTIOS-423 – Crash on failed user/pass SSH authentication
- TTIOS-425 – Keepalive options missing
- TTIOS-426 – Crash in ADDS/wy50/wy60 clrstat() when setting up status line
- TTIOS-430 – Vertical keyboard layouts print keys too small

## **TinyTERM Lite/Enterprise v3.0.1, TinyTERM Plus v2.1.7** – July 3, 2015

### Fixes

- TTIOS-409 – Crash when selecting a codepage
- TTIOS-410 – Crash when hitting connect on configuration in "Ask" mode
- TTIOS-412 – Help URL in Plus incorrect
- TTIOS-413 – ESC [ ; r ignored by VT emulations
- TTIOS-414 – Local notifications don't work in iOS 8.4
- TTIOS-415 – iPhone 6 Plus scaling is incorrect resulting in jaggy fonts

## **TinyTERM Lite/Enterprise v3.0.0, TinyTERM Plus v2.1.6** – June 12, 2015

### Enhancements

- TTIOS-71 – Multiple session support (CR 1017)
- TTIOS-323 – Add in option to always underline unprotected fields in 3270
- TTIOS-379 – Add rollover licensing feature to hit the licensing server in the background
- TTIOS-380 – 64-Bit conversion
- TTIOS-382 – Support for hostname processing before connection
- TTIOS-383 – IBMBlankChar support
- TTIOS-386 – Add ability to specify a configuration as default with a configDefault=1 tpx entry
- TTIOS-388 – iPhone 6 compatibility
- TTIOS-392 – Support for OpenSSH 6.7+

### Fixes

- TTIOS-335 – DEL always behaves as BS
- TTIOS-362 – xterm-style title sequences are not always able to be terminated
- TTIOS-390 – Keepalive options showing up in Lite upgraded to Enterprise
- TTIOS-391 – Fix bug entering passwords in the macro editor
- TTIOS-393 – Disconnect buttons don't change to Connect if config changed while connected
- TTIOS-394 – Imported tpx files can't always be deleted
- TTIOS-395 – On-screen keyboard displays after scan when hardware keyboard connected
- TTIOS-396 – Connect button terminates macro recording
- TTIOS-397 – Attempting 2nd TT Lite connection renames active session
- TTIOS-398 – Configuration list items can have a missing/wrong subtitle when sessions are added/removed.
- TTIOS-399 – Industrial Browser title bar does not update URL
- TTIOS-400 – Fix bug with disconnecting pending sessions, causing all subsequent connections to remain pending.
- TTIOS-401 – Crash on telnet connection refused

### **ViewML Industrial Browser** – May 18, 2015

- Initial release Price \$49.95

### **TinyTERM Lite/Plus/Enterprise v2.1.5** – May 5, 2015

#### Enhancements

- TTIOS-235 – Default configuration can't be changed from selected type
- TTIOS-273 – Implement clear screen scrollbar
- TTIOS-353 – Update Grabba SDK to 0.8.86
- TTIOS-361 – Scanning with a sled does not prevent device sleep
- TTIOS-365 – Change Lite icon to silver from gold

#### Fixes

- TTIOS-257 – 3270 macros don't always play back correctly

- TTIOS-289 – Dash key – causes 0009 error in numeric fields
- TTIOS-304 – Bluetooth arrow keys fail with Shift or Caps Lock on
- TTIOS-306 – Fix random crash in CenIndicator
- TTIOS-343 – Macros hang at CLEAR key
- TTIOS-350 – No scroll after using vi
- TTIOS-359 – Must close and restart TT to get keyboard mappings read
- TTIOS-360 – Provisioning while in Captuvo causes crash
- TTIOS-368 – Crash on macro playback
- TTIOS-371 – Modified function keys not supported on iOS
- TTIOS-372 – Wyse60 caps lock sequence leaves TT in caps lock mode
- TTIOS-374 – Cursor disappears in Wyse60 when host sets it to line
- TTIOS-381 – VT220 SRM sequence ignored
- TTIOS-384 – Configurations not updating name/host in display on iPhone
- TTIOS-385 – Crash when switching between two configurations
- TTIOS-387 – Crash with scanner connected and repeatedly starting and stopping TinyTERM

#### **TinyTERM Lite/Plus/Enterprise v2.1.4 – December 23, 2014**

##### Enhancements

- TTIOS-355 – Add licensing screen accessible from the global options
- TTIOS-356 – Move functionality to add/remove licenses to the licensing view controller
- TTIOS-357 – Implement client-side evaluation functionality

##### Fixes

- TTIOS-268 – SSH popups disable external keyboard

#### **TinyTERM Lite/Plus/Enterprise v2.1.3 – December 11, 2014**

##### Fixes

- TTIOS-344 – Application hangs on key remap
- TTIOS-351 – Disconnect/Cancel popup on iPad is too large in iOS 8

#### **TinyTERM Lite/Plus/Enterprise v2.1.2 – October 27, 2014**

##### Enhancements

- TTIOS-347 – Added a Deprovision button to remove a device from LCS
- TTIOS-348 – Add in Redpark serial cable support (direct sale TinyTERM Enterprise only)

##### Fixes

- TTIOS-337 – Switching from another app does not cause a crash
- TTIOS-340 – Keyboard is correct size after a crash

- TTIOS-342 – Running the 'sl' command in emulator dimensions [40,100] no longer causes a crash

### **TinyTERM Lite/Plus/Enterprise v2.1.1 – September 10, 2014**

#### Enhancements

- TTIOS-331 – iOS 8 Compatibility
- TTIOS-332 – Created TinyTERM Plus product

#### Fixes

- TTIOS-326 – In certain emulations, UTF-8 characters don't always display properly
- TTIOS-327 – 5250 SaveScreen/Restore screen operations are not properly telnet-escaped

### **TinyTERM Lite/Enterprise v2.1.0 – June 16, 2014**

#### Enhancements

- Created TinyTERM Lite free product
- TTIOS-299 – Option to display column separator as dots
- TTIOS-305 – Updated keys.ttkeyboard files
- TTIOS-308 – Combine products into a universal iPad/iPod application
- TTIOS-319 – Add product about box

#### Fixes

- TTIOS-272 – Importing encrypted tconfig crashes
- TTIOS-285 – Last character in 5250 fields not displaying
- TTIOS-300 – Delete key crashes in last character of some fields
- TTIOS-301 – No beeps when typing in IBM 5250 error state
- TTIOS-303 – Rotating device causes display problems in config screen
- TTIOS-320 – Fix help URL(s) for Enterprise products

### **TinyTERM Enterprise v2.0.3 – May 12, 2014**

#### Enhancements

- TTIOS-66 – Mag stripe reader support
- TTIOS-81 – Scroll to top when tapping status bar
- TTIOS-125 – Integrate Mobilogics scanner SDK
- TTIOS-236 – Add option to align panning displays to either top or bottom
- TTIOS-237 – Add "Use Main Layout" option to External Layouts
- TTIOS-260 – Auto accept fingerprint

#### Fixes

- TTIOS-83 – No cursor when starting Industrial Browser
- TTIOS-240 – Remove Lines/Columns from web browser keyboard config view
- TTIOS-256 – Blank fields fill with asterisks
- TTIOS-259 – Application hangs/draws incorrectly after a long period of use
- TTIOS-264 – IPC 5 sled can turn on even when app is inactive

- TTIOS-267 – Fix issue with the zoom settings being reset when rotating the device from landscape to portrait.
- TTIOS-280 – Configuration lock timeout setting not operating correctly
- TTIOS-295 – Camera barcode scanner takes longer to load after multiple scans
- TTIOS-296 – Must turn on password lock timer for config lock to work

### **TinyTERM Enterprise v2.0.2** – February 20, 2014

#### Enhancements

- TTIOS-249 – Change name of keep alive options for Enterprise
- TTIOS-251 – Add network keepalive options to enterprise products

#### Fixes

- TTIOS-233 – Japanese and Chinese display as boxes
- TTIOS-238 – Crash on auto connect/reconnect
- TTIOS-245 – Crash in UNIX emulators due to out of bounds text drawing
- TTIOS-246 – Restore ability to edit macros on iPhone
- TTIOS-247 – UNIX-recorded macros are getting saved as 3270 macros

### **TinyTERM Pro 1.2.1** – November 27, 2013

- TTIOS-245 – Crash in UNIX emulators due to out of bounds text drawing

### **TinyTERM ITX 2 2.1.1** – November 27, 2013

- TTIOS-245 – Crash in UNIX emulators due to out of bounds text drawing

### **TinyTERM Enterprise v2.0.1** – October 16, 2013

- TTIOS-160 – \*iOS 7 compatibility. Includes the following jira sub-items
  - 176 Title bar overlapping status bar
  - 177 Fix special keyboard handling
  - 178 Content window is 20 pixels to short
  - 179 Fix up tree to build under xcode 5 and iOS 7 sdk
  - 180 Update draw code for title bar button
  - 181 fix iPhone configure color selector
  - 182 Fix debug settings exception
  - 183 Fix light vertical bars in table view cells
  - 188 Connect button fails in iOS 7 after changing printer settings
  - 191 Bluetooth scanners drop characters on iOS 7
  - 195 Test existing scanner hardware under new iOS 7
  - 196 With hide title bar turned on, our show titlebar arrow overlaps the status bar
  - 197 Adjust slide-in animation in iPad config screens to match iOS 7 versions
  - 198 Update launch screens to iOS 7 compatible versions
  - 203 Print alignment incorrect
- TTIOS-172 – Username and password popups don't accept input in iOS 7
- TTIOS-174 – New IB connection uses last address

- TTIOS-212 – Clicking on “Legal” button in the global options causes app to crash
- TTIOS-210 – SSH connection to non-supporting host hangs
- TTIOS-209 – X doesn’t clear browser url
- TTIOS-207 – Crash on start on iOS 5.1.1
- TTIOS-204 – Incomplete shading in landscape mode
- TTIOS-202 – Crash on email send if no account set up
- TTIOS-200 – Application crashes when running on iPhone 4 device with iOS7 installed when rotating the device to be horizontal
- TTIOS-201 – Norwegian 3270 keyboard
- TTIOS-156 – Un-URI-Encode the values stored in the query string of invoke requests
- TTIOS-135 – Create a javascript callback API for installation in industrial browser
- TTIOS-72 – Rotation lock for iPad
- TTIOS-62 – Ability to switch between keyboards from HTML5 apps

**TinyTERM ITX 2 2.1.0** – November 15, 2013

- TTIOS-10 – VT100 double-height chars drawn incorrectly on retina (CR 1098)
- TTIOS-57 – WRU Answer Back to accept control characters
- TTIOS-64 – Macro recording crash
- TTIOS-65 – Crash during SSH verify known host operation
- TTIOS-69 – Add request for email/contact info for reporting crashes via web
- TTIOS-70 – Crash during copy/paste operation
- TTIOS-72 – Rotation lock for iPad
- TTIOS-73 – Option to close on disconnect
- TTIOS-74 – Closing, then reopening ITX 2 after SSH connect generates a crash report
- TTIOS-77 – Can't save password to Tomax config
- TTIOS-85 – Rare crash when prompted for information during an SSH connection attempt
- TTIOS-94 – VT420 displays text in wrong location
- TTIOS-99 – Add hidden config setting to allow setting title bar text
- TTIOS-100 – Enabling "Speak Selection" causes copy/paste to crash
- TTIOS-103 – Handle "tab title" sequences

**TinyTERM Pro 1.2.0** – November 15, 2013

- Graphical print screen to file/email
- TTIOS-10 – VT100 double-height chars drawn incorrectly on retina (CR 1098)
- TTIOS-57 – WRU Answer Back to accept control characters
- TTIOS-64 – Macro recording crash
- TTIOS-65 – Crash during SSH verify known host operation
- TTIOS-69 – Add request for email/contact info for reporting crashes via web
- TTIOS-70 – Crash during copy/paste operation
- TTIOS-72 – Rotation lock for iPad

- TTIOS-73 – Option to close on disconnect
- TTIOS-77 – Can't save password to Tomax config
- TTIOS-85 – Rare crash when prompted for information during an SSH connection attempt
- TTIOS-86 – Crash when entering username or password via macro
- TTIOS-90 – Crash when iPod/iPad w/scanner left idle with auto connect/reconnect turned on
- TTIOS-94 – VT420 displays text in wrong location
- TTIOS-99 – Add hidden config setting to allow setting title bar text
- TTIOS-100 – Enabling "Speak Selection" causes copy/paste to crash
- TTIOS-103 – Handle "tab title" sequences

#### **ITX 3270 for iPad 2.1.0/ ITX 3270 for iPhone 1.1.0 – November 15, 2013**

- Display update speed issues
- Print screen support for 3270
- CR 1037 – Add SSL host certificate authentication UI, import and mult certs
- CR 1062 – Line draw fails on session switch
- CR 1076 – Fix font droppings
- CR 1078 – Connect button fails when config modified
- TTIOS-72 – Rotation lock for iPad
- TTIOS-73 – Option to close on disconnect
- TTIOS-75 – Prompt for hostname
- TTIOS-86 – Crash when entering username or password via macro
- TTIOS-88 – Change extensions for importing certificate files
- TTIOS-90 – Crash when iPod/iPad w/scanner left idle with auto connect/reconnect turned on
- TTIOS-99 – Add hidden config setting to allow setting title bar text
- TTIOS-100 – Enabling "Speak Selection" causes copy/paste to crash
- TTIOS-201 – Norweign 3270 keyboard

#### **ITX 5250 for iPad v1.1.0 / ITX 5250 for iPhone v1.1.0 – November 15, 2013**

- Chinese IME support, fix overlapping DBCS chars
- Print screen support for 5250
- CR 1037 – Add SSL host certificate authentication UI, import and mult certs
- TTIOS-64 – Macro recording crash
- TTIOS-69 – Add request for email/contact info for reporting crashes via web
- TTIOS-72 – Rotation lock for iPad
- TTIOS-73 – Option to close on disconnect
- TTIOS-86 – Crash when entering username or password via macro
- TTIOS-90 – Crash when iPod/iPad w/scanner left idle with auto connect/reconnect turned on
- TTIOS-92 – Mapped ERRORRESET keys don't actually perform an error reset function
- TTIOS-96 – Check and correct if necessary the pg-up/pg-dn keys in 5250

- TTIOS-99 – Add hidden config setting to allow setting title bar text
- TTIOS-100 – Enabling "Speak Selection" causes copy/paste to crash

### **Enterprise for iPad v2.0.0/Enterprise for iPhone v2.0.0 – October 2, 2013**

- TTIOS-23 – Print screen support for 5250
- TTIOS-47 – Combine 5250,3270,UNIX, web browsing into new Giant Enterprise Product
- TTIOS-48 – Print screen support for 3270
- TTIOS-57 – WRU Answer Back to accept control characters
- TTIOS-99 – Add hidden config setting to allow setting title bar text
- TTIOS-108 – Add "View Debug Log" to view the debug log from the actual device
- TTIOS-109 – Allow RGB Colors to be specified in .tpx files
- TTIOS-123 – Disable iPad screen timeout while app loaded
- TTIOS-124 – Add "Scan sends CR" button to Industrial Browser
- TTIOS-145 – Add print screen key to 3270 keyboards
- TTIOS-146 – Add print screen key to 5250 keyboards
- TTIOS-148 – Add external keyboard override option
- TTIOS-155 – Rotation lock should default to on
- TTIOS-157 – Default "Last Zoom Mode" with no keyboard to be fully zoomed out on iPhone
- TTIOS-158 – Add "Title Bar Hide" and "Rotation Lock" global settings to all config detail screens
- TTIOS-184 – Add TinyTERM version number in device detail
- TTIOS-10 – VT100 double-height chars drawn incorrectly (CR 1098)
- TTIOS-26 – Fix font droppings (CR 1076)
- TTIOS-65 – Crash during SSH verify known host operation
- TTIOS-70 – Crash during copy/paste operation
- TTIOS-84 – Enter key produces spaces in browser data entry fields
- TTIOS-87 – IBM 3151 Emulation crash
- TTIOS-94 – VT420 displays text in wrong location
- TTIOS-101 – Cursor position sequence ^[[6n does not work
- TTIOS-103 – Handle "tab title" sequences
- TTIOS-107 – Crash when connecting with ADDS Viewpoint
- TTIOS-114 – Linea Tab 4 for iPad 4 not recognized by TT Pro
- TTIOS-119 – Large characters (A with diaeresis, Ä) overlap descenders on line above and mostly don't display properly
- TTIOS-121 – 3270 color display incorrect
- TTIOS-126 – Browser not always saving URL containing =
- TTIOS-131 – Dollar signs (\$) displaying as British Pounds (£)
- TTIOS-132 – IBM-5555-C01 terminal not recognized in some AS/400 environments
- TTIOS-136 – Some dynamic search fields still don't work with custom keyboard input

- TTIOS-161 – VT2xx ESC[2K sequence inappropriately clearing line attributes
- TTIOS-165 – Changing rows/columns while underlining or other attribute is set will clear screen with current attribute, not the default one
- TTIOS-169 – Crash on Auto Login if no macro chosen
- TTIOS-189 – Crash on switching from Zoom to Scroll mode
- TTIOS-194 – 3270 password fields don't type as blanks

**ITX 3270 for iPad v2.0.3** – March 11, 2013

- CR 1100 – Add German codepage support
- Add support for IPC TAB scanner
- Add automated crash log reporter
- Add multiple configuration file wrapper format
- Allow app reinstalls to disable PIN lock

**ITX 3270 for iPhone v1.0.2** – March 11, 2013

- Add battery logfile and debug switch for Honeywell Captuvo
- Add battery indicator for hardware scanners
- Upgraded Captuvo SDK for iOS 6.1
- Upgraded Grabba SDK to 0.7.78
- Add automated crash log reporter
- Add multiple configuration file wrapper format
- Allow app reinstalls to disable PIN lock

**ITX 5250 for iPad v1.0.2** – March 8, 2013

- Add support for IPC TAB scanner
- Add automated crash log reporter
- Add multiple configuration file wrapper format
- Allow app reinstalls to disable PIN lock
- Remove <> chars from DBCS support
- Fix screen freeze problem

**ITX 5250 for iPhone v1.0.2** – March 8, 2013

- Add battery logfile and debug switch for Honeywell Captuvo
- Add battery indicator for hardware scanners
- Upgraded Captuvo SDK for iOS 6.1
- Upgraded Grabba SDK to 0.7.78
- Add automated crash log reporter
- Add multiple configuration file wrapper format
- Allow app reinstalls to disable PIN lock
- Remove <> chars from DBCS support
- Fix screen freeze problem

**ITX 2 for iPad 2.0.2** – March 8, 2013

- Add automated crash log reporter

- Add multiple configuration file wrapper format
- Allow app reinstalls to disable PIN lock
- CR 1101 – Fix ^J sending ^M
- CR 1104 – Fix Wyse50 display and crash issues
- Fix random crash in font code

**ITX 2 for iPhone 2.0.2** – March 8, 2013

- Add automated crash log reporter
- Add multiple configuration file wrapper format
- Allow app reinstalls to disable PIN lock
- CR 1101 – Fix ^J sending ^M
- CR 1104 – Fix Wyse50 display and crash issues
- Fix random crash in font code

**Pro for iPad v1.1.1** – March 8, 2013

- Add support for IPC TAB scanner
- Add multiple configuration file wrapper format
- Add automated crash log reporter
- Allow app reinstalls to disable PIN lock
- CR 1101 – Fix ^J sending ^M
- CR 1103 – CRLF at end of full length job throws line count off AirPrint
- CR 1104 – Fix Wyse50 display and crash issues
- Update WYCOL emulation and fnkeys
- Fix random crash in font code

**Pro for iPhone v1.1.1** – March 8, 2013

- Add battery logfile and debug switch for Honeywell Captuvo
- Add battery indicator for hardware scanners
- Upgraded Captuvo SDK for iOS 6.1
- Upgraded Grabba SDK to 0.7.78
- Add multiple configuration file wrapper format
- Add automated crash log reporter
- Allow app reinstalls to disable PIN lock
- CR 1101 – Fix ^J sending ^M
- CR 1103 – CRLF at end of full length job throws line count off AirPrint
- CR 1104 – Fix Wyse50 display and crash issues
- Update WYCOL emulation and fnkeys
- Fix random crash in font code

**Enterprise for iPad v1.0.0 / Enterprise for iPod v1.0.0** – February 25, 2013

- New industrial scanning browser HTML5/Javascript capability
- New QR code scanning w/optional auto navigation
- Add internal industrial browser demo app
- Add asterisk-to-line conversion & window offset, no UI

- New server cloud and push based configuration management/setup
- Add baked in config capability for B2B or corporate distribution
- Add automated crash log reporter
- Add package wrapper file format for all config data tpx, kbd, codepage, macros
- Add config button disable, no UI
- Add 10-key onscreen scanner keyboard
- Support jQuery keyboard input fields
- Upgraded Captuvo SDK for iOS 6.1

**ITX 2 for iPad v2.0.1** – December 10, 2012

- CR 1091 – iOS 6 fixes including rotation lock not working
- Option to hide title bar
- Add SSH keyboard interactive authentication using stored password
- WRU answerback string
- CR 1065 – Audible BEL
- CR 1031 – NRCS support in VT emulators
- CR 1063 – International codepage/charmap bugfixes
- CR 1074 – VT420 fixes
- CR 1067 – Wyse50 fixes for line draw and color
- CR 1054 – No screen display with steady comm input
- CR 1049 – Non font-based line draw not drawn in reverse

**ITX 2 for iPhone v2.0.1** – December 10, 2012

- iOS 6 fixes including larger screen size on iPhone 5
- Add SSH keyboard interactive authentication using stored password
- WRU answerback string
- CR 1065 – Audible BEL
- CR 1031 – NRCS support in VT emulators
- CR 1063 – International codepage/charmap bugfixes
- CR 1074 – VT420 fixes
- CR 1067 – Wyse50 fixes for line draw and color
- CR 1049 – Non font-based line draw not drawn in reverse

**ITX 5250 for iPad v1.0.1** – December 10, 2012

- CR 1091 – iOS 6 fixes including rotation lock not working
- CR 1055 – Two finger double-tap for software scan
- Add roll up, roll down and scan keys to custom keyboard
- CR 1037 – Host certificate authentication, no UI
- CR 1095 – Removc macro name when auto-login is unset

**ITX 5250 for iPhone v1.0.1** – December 10, 2012 (price change to \$28.99)

- iOS 6 fixes including larger screen size for iPhone 5
- CR 1037 – Host certificate authentication, no UI
- CR 1058 – Honeywell Captuvo SL22 scanner support

- Gripon Grabba Q-series scanner support
- CR 1055 – Two finger double-tap for software scan
- Add roll up and roll down keys to custom keyboard
- Linea-Pro update to fix E prefixed barcodes with blue box scanner
- CR 1095 – Remove macro name when auto-login is unset

**ITX 3270 for iPad v2.0.2** – December 10, 2012

- CR 1091 – iOS 6 fixes including rotation lock not working
- CR 1037 – Host certificate authentication, no UI
- CR 1055 – Two finger double-tap for software scan
- Add scan key to custom keyboard
- CR 1072 – Can't copy past line 24 in large screens
- CR 1069 – External kbd map with opt-A/Z (unicode mappings)
- CR 1057 – ATTN key fails on iPad 3270
- VTAM/F10 login fix
- Keyboard display speed and double-tap enhancements
- CR 1095 – Remove macro name when auto-login is unset

**ITX 3270 for iPhone v1.0.1** – December 10, 2012 (price change to \$28.99)

- iOS 6 fixes including larger screen size for iPhone 5
- CR 1037 – Host certificate authentication, no UI
- CR 1058 – Honeywell Captuvo SL22 scanner support
- Gripon Grabba Q-series scanner support
- CR 1055 – Two finger double-tap for software scan
- Linea-Pro update to fix E prefixed barcodes with blue box scanner
- Horizontal strip keyboard when external keyboard active
- CR 1069 – External kbd map with opt-A/Z and documentation
- Swap TAB key with LF key
- VTAM/F10 login fix
- Keyboard display speed and double-tap enhancements
- CR 1072 – Can't copy past line 24 in large screens
- CR 1095 – Remove macro name when auto-login is unset

**Pro for iPad v1.1.0** – December 10, 2012

- CR 1091 – iOS 6 fixes including rotation lock not working
- CR 1068 – New WYCOL / Esprit III emulation
- CR 961 – Software scanner support
- Option to hide title bar
- Checkbox to prompt/save username or password entered during macro exec dialog
- Add SSH keyboard interactive authentication using stored password
- CR 1048 – ADDS A2 enhancements
- CR 1065 – Audible BEL
- WRU answerback string

- CR 1055 – Two finger double-tap for software scan
- CR 1083 – iOS 6 send print job resets keyboard to Apple default
- CR 1031 – NRCS support in VT emulators
- CR 1074 – VT420 fixes
- CR 1063 – International codepage/charmap bugfix
- CR 1067 – Wyse50 fixes for line draw and color
- CR 1095 – Removc macro name when auto-login is unset

**Pro for iPhone v1.1.0** – December 10, 2012 (price change to \$29.99)

- iOS 6 fixes including larger screen size for iPhone 5
- CR 1068 – New WYCOL / Esprit III emulation
- CR 1058 – Honeywell Captuvo SL22 scanner support
- Gripon Grabba Q-series scanner support
- CR 1055 – Two finger double-tap for software scan
- Linea-Pro update to fix E prefixed barcodes with blue box scanner
- Add SSH keyboard interactive authentication using stored password
- CR 1065 – Audible BEL
- CR 1031 – NRCS support in VT emulators
- CR 1074 – VT420 fixes
- CR 1063 – International codepage/charmap bugfixes
- CR 1049 – Non font-based line draw not drawn in reverse
- CR 1067 – Wyse50 fixes for line draw and color
- CR 1095 – Removc macro name when auto-login is unset
- CR 1056 – Loses CAPS shift-lock state (after num/fkey)

**ITX 5250 for iPhone v1.0.0** – Sept 14, 2012 (Available 9/25/12) (new product \$19.99)

- Initial release
- Swap TAB key with LF key (from 3270 iPhone kbd fix)

**ITX 5250 for iPad v1.0.0** – September 7, 2012 (Available Nov 2) (new product \$28.99)

- Initial release, new asian font
- Horizontal strip keyboard when external keyboard active
- CR 1069 – External kbd map with opt-A/Z and documentation
- CR 1037 – Host certificate authentication (Stonesoft/Parker)

**ITX 3270 for iPad 2.0.1** – July 27, 2012 (Available 8/2/12)

- CR 961 – Software scanner support
- Option to hide title bar
- 3270 emulator Mod 4 fixes

**ITX 3270 for iPhone v1.0.0** – July 25, 2012 (Available 8/21/12) (new product \$19.99)

- Software scanner support
- LineaPro scanner support

**ITX 2 for iPhone** – July 12, 2012 (Available 7/25/12) (new product \$9.99)

- New keyboard layout matching Apple standard
- CR 1018 – Reduce height or remove title bar
- CR 1043 – Lock landscape switch
- WRU answerback string

**Pro for iPhone v1.0.0** – July 12, 2012 (Available 7/25/12) (new product \$19.99)

- Pro UI on iPhone
- Linea-pro scanner support
- CR 961 – Software scanner support

**ITX for iPhone 1.0.2** – July 12, 2012 (Available 7/25, End-of-life)

- Message to backup discontinued product and register

**ITX 3270 for iPad 2.0.0** – June 22, 2012 (Available July 2) \$28.99 (normally \$39.99)

- Tap and hold for Copy/Paste in line by line and block modes
- Support for connection startup using STARTTLS or SSL/TLS only
- CR 1020 – Arrow, function and ctrl keys supported on external/Bluetooth keyboards
- Remap on-onscreen and external keyboard keys
- Support for supplemental function keys keyboard
- Improved keyboard single shift and lock shift handling
- CR 1028 – Default external keyboard Return key to 3270 Enter
- New product icon
- Retina display enhancements for high quality text display and cursor fix
- Double tap to show/hide keyboard
- Quick keyboard configuration using keyboard button

**Pro for iPad v1.0.0** – June 22, 2012 (Available 7/2/12) (\$29.99)

- CR 540 – ADDS Viewpoint VP/60 emulation, 132 col ESC ; fix
- CR 954 – Transparent print to AirPrint/email
- CR 968 – Text print screen support to file/append/email
- CR 906 – Auto-login on connect, prompt for password if blank
- CR 995 – Prevent disconnect when logged in
- CR 1002 – Auto-reconnect
- Auto-connect at start
- Macros (dialog strings), record and attach to key, ^U, ^P, ^W

**ITX 2 for iPad v2.0.0** – June 1, 2012 (Available June 14)

- Copy/Paste support
- Passcode lock w/variable timeout
- Fixes for iPad Retina display (button images, emulator fonts)
- Debug support
- New keyboard look and feel from ITX 3270

- Separately specified supplemental and external keyboard layouts
- Supplemental keyboard layouts w/fnkey & 10-key
- keyboard button displays keyboard lists (main, supp, ext, transparency)
- CR 1023 – Default single-shift on ctrl & shift keys; double tap shift to lock
- CR 973 – Option for specifying keyboard starting left position
- CR 938 – Variable height displayed keyboard area
- CR 955 – Auto select IBM3151/ATT 4410 custom layout
- CR 1020 – External keyboard fn/ctrl-mappings and arrow/page keys
- Remap onscreen and external keyboard keys (global config file)

#### **ITX for iPad v1.2.5** – June 1, 2012 (End-of-life June 9)

- Message to backup discontinued product and register

#### **ITX 3270 v1.0.1** – March 9, 2012 (\$24.99)

- CR 1002 – Added auto-reconnect
- Added quick popup menu for connections to the connect button (press and hold)
- Added full background connection support with a 90 second notification
- Improve rendering speed
- CR 1001 – Fix 3278 mods 3-5 aren't recognized
- Fix broken QUERY response
- Fix for two missing line draw characters
- Fix graphics escape carrying over inappropriately to non-protected field
- Fix status line redraw when switching between mod2 and mod4/5
- Fix attribute carryover on adjacent fields
- Fix fields not clearing graphics escape if a screen is not cleared
- Fix configuration list footer color
- Never display embedded bitmap glyphs in truetype fonts (lucon)

#### **ITX 3270 1.0.0 Release** (January 6, 2012)

- Initial Release

#### **iPad v1.2.4** – February 23, 2012 (available ?)

- Added option to ignore graphics/parity bit (CR 963)
- Implemented bold-weight character display (CR 958)
- Titlebar now displays configuration name rather than host name
- Erase stored SSH password when “Remember Passphrase” unchecked (CR 993)
- Never display SSH password (CR 993)
- Fixed startup crash when running in right-to-left text locales
- Fix memory allocation bugs and add UI description for deleting configurations

#### **iPhone 1.0.1** – February 23, 2012 (available ?)

- Added option to ignore graphics/parity bit (CR 963)
- Implemented bold-weight character display (CR 958)
- Titlebar now displays configuration name rather than host name

- Erase stored SSH password when “Remember Passphrase” unchecked (CR 993)
- Never display SSH password (CR 993)
- Fixed startup crash when running in right-to-left text locales
- Settings button disappears after emailing key (CR 960)
- Fix memory allocation bugs and add UI description for deleting configurations

**iPad v1.2.3** – September 8, 2011 (available September 16)

- Fixed auxiliary function keypad not displaying on iOS 3.x (CR 951)

**iPhone 1.0.0** – September 2, 2011 (available ?)

- First release, price \$9.99

**iPad v1.2.2** – August 25, 2011 (available August 30)

- AT&T 4410 keyboard layout added for use with VT220 emulation
- Extended ASCII graphics display corrected by adding UTF8 switch (CR 945)
- SSH connection no longer hangs after entering password (CR 946)

**iPad v1.2.1** – August 3, 2011 (available August 8)

- SSH user/pass logins got “Error reading public key” and never connected.

**iPad v1.2.0** – August 1, 2011 (available August 3)

- Price increased to \$14.99
- Always-on scrollbar buffer using single finger swipe
- Auto line-wrapping when columns resized for keeping information onscreen
- Added locking shift/ctrl option for all keyboards (CR 925)
- Added IBM 3151 keyboard
- Display problems fixed when rows/cols changed (CR 916, CR 920)
- Protected mode display now uses bold attribute mapping (CR 942)
- Major changes to internal emulator engine shared on iPad, iPhone, Mac and Linux
- Fix line draw problem in IBM 3151 (CR 934)
- Reduced memory usage
- Various other bug fixes

**iPad v1.1.1** – January 2011

- Fixed scroll regions in several emulators, emacs now works well
- Enhanced bright/dim display functionality
- Added capability to send custom strings to host from keyboard files
- Added caps lock key to keyboard (CR 915)
- Added VT220-specific keyboard layout
- Custom keyboard layouts redesigned to match physical keyboards more closely
- 132/80 column bug fixes (CR 917)
- Autowrap clear last line fix

**iPad v1.1.0** – November 30, 2010 (available December 16)

- iOS 4 Tested and Compatible

- Full 101-key optional customizable terminal keyboard (English, German and French layouts)
- Transparent keyboard option for continuous full screen visibility
- Onscreen mini keyboard when using bluetooth keyboards for missing/broken keys
- Configurable full-screen vs partial screen with keyboard shown emulator sizing (separate row/cols/keyboard settings for portrait and landscape operation)
- Dropbox and file type integration for .tpx and keyboard file import/export
- Ability to change emulator settings without disconnecting (separate Configure/Done and Connect/Disconnect buttons on UI)
- Added default configuration for new/added configuration default values (CR 905)
- Configurable terminal type response string
- Fix line draw colors and reduce thickness
- Codepages truncated on popup menu
- Adding a new configuration then deleting it displays right config incorrectly
- Replaced landscape vi session screenshot with midnight commander showing line draw on website

**iPad v1.0.2** – November 10, 2010

- Fixed return key sending LF instead of CR
- Removed VT102 from list of emulators
- Fixed incorrect WYSE reverse video effect

**iPad v1.0.1** – October 22, 2010

- Fixed SSH & Telnet speed issues

**iPad v1.0.0** – October 15, 2010 (available October 22)

- Initial release Price \$9.95