

Perytons™ Release Notes Version 5.5

Version information

- Current version: 5.5 – build 3183 (rev 10847), including updated SDK (build 112 rev 10812), X-MESH plugin
- Release date: March 15, 2016
- Recent major version: 5.4 (June 10, 2015, build 3041)

New features

- Update DiZiC drivers
- Don't count CC debugger as a valid TI dongle

- **ZigBee plugin**

ZigBee 3.0 support

Specific support of the following specification documents:


- r10691 ZigBee docs
- docs-15-0131-05-pnrg-draft-zse-1-2b-specification.pdf
- docs-07-5356-19-0zse-zigbee-smart-energy-profile-specification.pdf
- docs-07-5123-05-0afg-zigbee-cluster-library-specification.pdf
- docs-07-5123-05-0afg-zigbee-cluster-library-specification.pdf
- docs-07-5123-05-0afg-zigbee-cluster-library-specification.pdf
- R22 Combined Document.pdf October 7, 2015 rev 22 05-3474-22

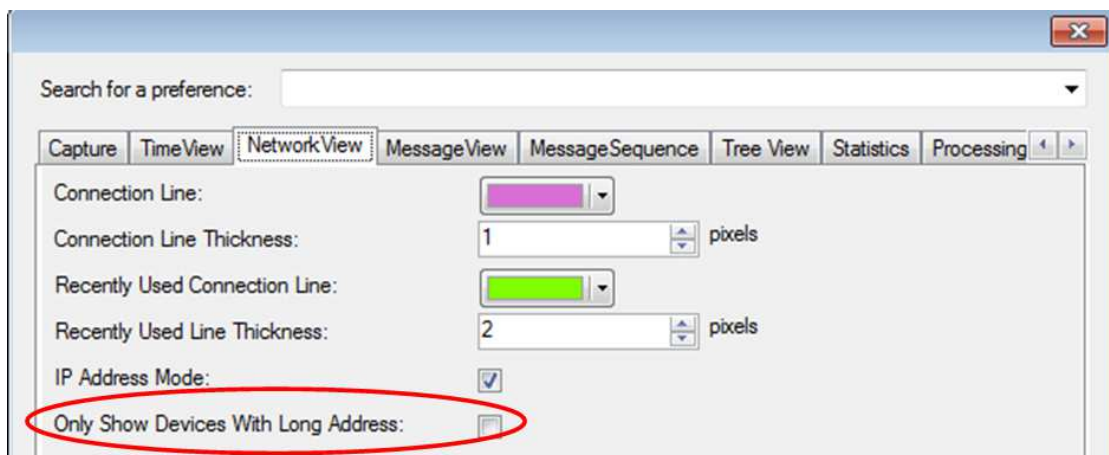
- **LowPAN plugin**

- draft-ietf-core-coap-13.pdf RFC7252 + UDP len
- draft-ietf-core-coap-13.pdf RFC7252

- **User Interface and tools**

- Cancel the option of starting a capture in Off-Line mode – Users with an SDL project that includes handling this action may cause a compatibility issue and it suggested contacting Perytons (support@peryttons.com) for assistance on how to resolve this.

- Add 'Active Devices time-limited display' option to Network View  - during real-time capture or playback from an off-line file (simulation), the user can select whether to display all devices or only such that have been active in a predefined time window (active in the last 10 secs, 1 minute, 10 minutes, 30 minutes, 1 hour, 12 hours or 1 day).
- Add Organization Unique Identifier (OUI) information data based on the device MAC address as assigned to vendors by the IEEE organization (Devices View, messages and devices tooltips, etc.)
- Add a user definable preference parameter that allows to display devices in Network View only if their long address is known



- Add 'Message Type' grouping option in Time View

Bug fixes

- Fix a bug related to the Verify-Key command and Confirm-Key commands
- Fix a bug RFC 4291 0 - inverting the value of the universal/local bit (^= 02)
- Fix a bug related to L bit (T-REC-G 9903-201402-III!!PDF-E.pdf)
- Fix some visibility and handling issues when using Traffic Generation
- Fix SDK activation related issues

Perytons™ Release Notes Version 5.4

Version information

- Current version: 5.4 – build 3041 (rev 10485),
- Release date: June 10, 2015
- Recent major version: 5.3 (October 5, 2014, build 2806)

New features

- **ZigBee**
 - R21 Combined Document-05-3474-21-11-03-2015.pdf rev.19
 - Changes for docs-14-0392-03-pcor-r21-draft-specification-pdf
 - Changes for docs-14-0256-05-pnrg-zse-1-2a-0-9-draft-specification
 - Docs-14-0163-04-pnrg-zse-1-2-blackwall-0-7-draft-specification
 - Changes according to docs-14-0194-17-reta-retail-quality-of-goods-clusters-specifications (end of the doc)
 - Changes according to docs-13-0442-23-r4ce-zrc-profile-specification-v2-0-0-draft
 - Changes according to docs-13-0396-29-r4ce-generic-device-profile-version-2-0-0-specification
 - GP changes according to docs-09-5499-27-batt-zigbee-green-power-specification
- **Data capture**
 - Support remote capture over TCP/IP connection (with the Telegesys Gateway)
- **User Interface and tools**
 - Manage RF4CE within the Keys Management Form and omit Key column in Devices View
 - Change TG animated icon color when active for easy recognition
 - Add "Force Key Level" checkbox to the Keys Management form - to force all keys (except GP and MAC 2003) to use default key level and not to take the level from each key so to avoid using level 4 GP keys
 - Add db icons
 - Add option of new capture file created by message threshold (setting doable through Tools/Preferences - Capture Tab: New Capture Filename Message Threshold



Bug fixes

- **ZigBee Plugin**

- Fix a problem with scan for activity all buttons being disabled
- Fix a bug with building routes
- Fix a bug in modifying encrypted TG message from script and TG form when file name empty
- Fix a problem when closing the Capture Form while sync is still running

Fix the problem not showing single message in Message View