

## Perytons™ PLC Release Notes Version 5.3


### Version information

- Current version: 5.3 – build 2806 (rev 9699), including updated SDK (build 98 rev 9699)
- Release date: October 5, 2014
- Recent major version: 5.2 (build 2666 March 5, 2014)

### Backward compatibility

- SDK projects and scripts may need to be recompiled and new reference namespaces used. Please contact Perytons support for help with updating your script and SDK projects.

### New features

- **G3**
  - Support analysis of G3-PLC protocol based messages
- **Data capture**
  - Release of Peryton-Anywhere that allows remote capture over TCP/IP connection using the Peryton-Gateway – note that in the first time the analyzer will run with this feature enabled, a security warning may be generated by the firewall
  - Add support for Semitech Semiconductor SM9400-01 (SM2400 Evaluation Kit ver01) for capturing PRIME and G3 messages (using different firmware)
- **User Interface and tools**
  - Add setting of User Defined layouts -  -allowing setting arranged windows of the analyzer UI environment for special test scenarios, etc
  - Improve analyzer processing efficiency

### Bug fixes

- Fix a bug causing crash in some message hide conditions
- Fix a bug causing crash on long captures due to time view y-axis sorting
- Fix a bug not identifying some PRIME files as PLC files
- No SNK and AUK if security profile 0
- Fix some capture to database issues



- Fix an issue with CPU utilization when using traffic generator

## Perytons™ PLC Release Notes Version 5.2

### Version information

- Current version: 5.2 – build 2666 (rev 9249), including updated SDK (build 85 rev 9195)
- Release date: March 5, 2014 (9249 update – March 31, 2014)
- Recent major version: 5.1 (September 9, 2013, build 2307)

### New features

- **PRIME**
  - Update the PRIME key management form
  - Allow to choose the Security Suite (0 or 1) from key management form
- **User Interface and tools**
  - Add transactions to Message Sequence (supported from Scripts)
  - Allow Script to modify message prior to transmission by Traffic Generator
  - Add 'Device Name' to Time View grouping (don't allow to modify device name during RT capture)
  - Show encrypted messages status in Message Sequence arrow
  - Change main toolbar keys icon to indicate the current file deciphering status (e.g. no encryption, part of encrypted messages deciphered successfully, all encrypted messages deciphered successfully)
  - Add drag and drop options between windows: Time View to Message Sequence, Message View to Message Sequence, Network View to Message Sequence, Network View to Message View
  - Add delete icon to Message Sequence
  - On hide, compress Time View to show only the visible messages
  - Show wait cursor on long processes (e.g. refresh dongles)