



Peryton-SDK (Software Development Kit) Add-On - Overview

The Peryton-SDK (Software Development Kit) Add-On allows the user to add his own protocol and application layers on top of the existing protocols supported by the Perytons™ Protocol Analyzers family. This Add-On can run on top of any of the Perytons™ Protocol Analyzer models.

By using the Peryton-SDK Add-On the user can add proprietary protocol layers, fields, their possible values and meaning, hints, and error criteria to the analyzer environment.

Companies with proprietary protocols or applications running on top of the 802.15.4, ZigBee or PLC layers, can have a single professional tool to analyze all their protocol layers, making the development, QA and especially post-sale support much easier.

The new added layers gain all the analyzer features and capabilities including UI (User Interface) and toolbox, and become part of the overall Perytons™ Protocol Analyzer working environment.

The code generated by the Peryton-SDK Add-On can be shared with other Perytons™ Protocol Analyzer users allowing customers and partners to have a professional tool that supports the proprietary protocol layers.

The Peryton-SDK Add-On includes a C-Sharp (C #) development environment for Microsoft Visual Studio along with the Peryton™ Protocol Analyzer core libraries.

Setting new protocol layers is relatively easy, and it allows defining the type of each field, its legal value, meaning text, hints, error conditions, sub fields and more.

