PLC-ANALYZER pro 6 New Features (Extract)

Signal sources

- S7 Driver: simply load TIA project with communication settings and select desired variables (I, Q, F, T, C, DB) conveniently via drag & drop for recording
- S7 Driver: symbols can also be loaded directly from the PLC (S7-1200/1500)
- S7 Driver: data recording from optimized DB (S7-1200/1500)
- OPC UA driver: Recording of data from OPC UA servers
- Video track module: Time synchronous video recording in parallel to PLC signal acquisition with all common IP/GigE Vision/USB cameras - also several cameras simultaneously
- Simultaneous recording from up to 250 signal sources / 16 million variables

Projects

- Clear representation of projects with all objects in a tree structure
- Multiple data targets at the same time: e. g. parallel saving of signal file and CSV file

Signal files

- Analysis of signal data already possible during data recording
- New, extremely robust and compact file format. Data loss is a thing of the past

Signal scaling

- Signal values can be converted by means of complex formula. In addition, normalization to specific target values is possible

Signal window

- PLC signals are now simply dragged and dropped directly into the signal window. Postition, height and color can then be conveniently defined here
- More precise display of signals with short-term fluctuations in measured values ("spikes")
- Virtual HMI: Improved analysis of operating sequences through subsequent HMI visualization from recorded process data. Live HMI visualization also possible

Trigger

- More convenient definition of trigger conditions. PLC signals and linking symbols can be linked to complex trigger conditions.
- A trigger can trigger any number of trigger actions
- In addition to the known trigger actions, such as sending an e-mail or SMS, there are other actions such as "Display message", "End acquisition" or "Switch off PC".

Pseudosignals

- New significantly improved pseudosignal editor. With the new editor complex calculations of pseudosignals can be defined

Export/Import

- In addition to export as text (CSV file), various image formats and HTML, direct export in PDF format is also possible

Backward compatibility

- Projects and signal files from older versions of PLC-ANALYZER pro can be opened