PLC-ANALYZER *pro* **6**   New Features (extract)

Highlights

- S7-Driver: simply load TIA project, adopt communication settings and select desired variables for recording conveniently via drag & drop (I, Q, F, T, C, DB)
- S7-Driver: data recording from optimized data blocks (S7-1200/1500)
- Analysis of signal data already during data recording possible
- Simultaneous recording of up to 250 signal sources / 16 million variables
- Video track: parallel to PLC signal acquisition, video tracks from IP/GigE Vision/USB cameras can be recorded synchronously
- Virtual HMI: Improved analysis of operating sequences through subsequent HMI visualization from recorded process data. Live HMI visualization also possible
- New, extremely robust and compact file format: If the recording is interrupted unexpectedly („power failure"), the previously recorded signal file can usually be opened again

Project management/settings

- Projects are displayed in a tree structure in which all objects are clearly arranged
- 250 signal sources possible
- 16 Mio. signals possible
- Several data targets simultaneously: Parallel storage of signal file and e.g. CSV file

Signal sources

- S7-Driver: simply load TIA project, adopt communication settings and select desired variables for recording conveniently via drag & drop (I, Q, F, T, C, DB)
- S7-Driver: data recording from optimized data blocks (S7-1200/1500)
- OPC UA Driver: recording of data from UPC UA servers
- Video track: Parallel to PLC signal acquisition, video tracks from IP/GigE Vision/USB cameras can be recorded synchronously

Signal scaling

- Signal values can be converted using complex formulas. In addition, a normalization to certain target values is possible

Trigger

- More convenient definition of trigger conditions. PLC signals and linking systems can be linked to complex trigger conditions
- One 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 further actions such as "Display message", "Stop acquisition" or "Switch off PC"

Pseudosignals

- New greatly improved pseudo signal editor. With the new editor complex calculations of pseudo signals can be defined

Signal window

- PLC signals are now simply dragged by drag and drop into the signal window directly. The position, height and colour can then be conveniently defined here
- More precise display of signals with short-term fluctuations in measured values („spikes")

Signal files

- New extremely robust and compact file format: If the recording is interrupted unexpectedly (power failure), the previously recorded signal file can usually be opened again

Export/Import

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

Compatibility

- Projects and signal files of earlier versions PLC-ANALZER pro can be opened