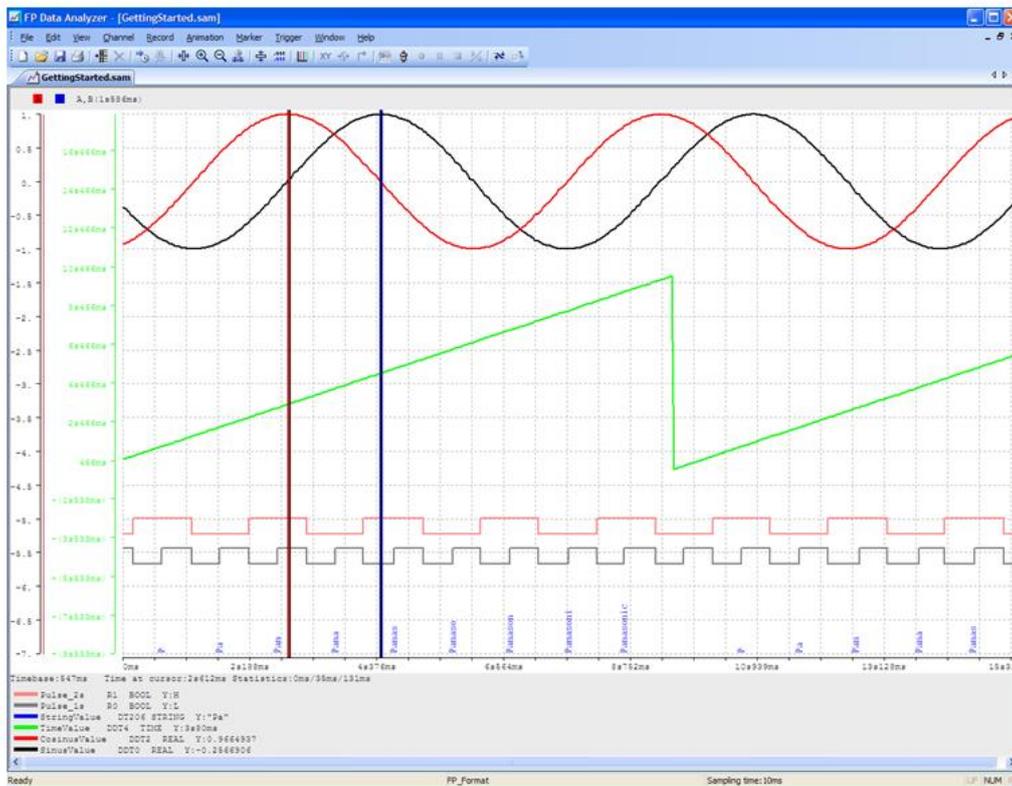# *FP Data Analyzer*

FP Data Analyzer is a helpful tool for analyzing data from Panasonic PLCs and can be used to record, display and analyze PLC signals that can occur on several channels simultaneously.
The FP Data Analyzer is an add-on to the time chart for the PLC programming software FPWIN Pro which can also be used as a stand-alone software product without FPWIN Pro.

The basic function of the FP Data Analyzer is to record and display PLC data, such as inputs, outputs, flags, data words, etc. Such values can thus be saved and analyzed in offline mode.

The software can be connected to any Panasonic FP series PLC via RS232, Ethernet, USB or modem. Data can thus be recorded and analyzed within a very short period of time. The familiar communication dialog reduces the time required for orientation, so key resources are saved during program development.

Technical information No. D-039, Rev. 2.1, Stand 02/2017, Page 1 of 3

Panasonic Electric Works Europe AG, Automation products
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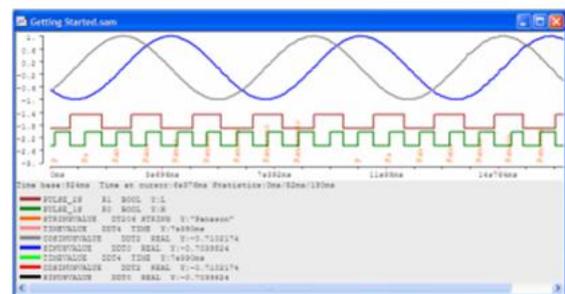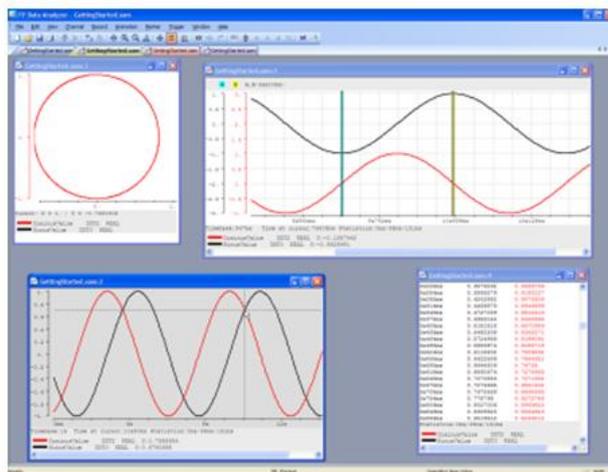
The software is particularly suitable for the following tasks:

- Commissioning, maintenance
- Performance analysis, system and sampling time optimization, cycle shortening
- Failure diagnostics
- Localizing sporadic failures
- Documenting processes
- Long-time logging

Long-time logging by the Data Analyzer as well as various data backup modes provide useful information for development and troubleshooting. Various trigger functions, including linking multiple conditions for starting and stopping logging, or setting of pre- and post-triggers, provide useful means of carrying out accurate diagnostics on the automation system.

Possibilities for data processing

The function 'Align Channels' makes the setting of equal min/max values possible.

Different monitoring possibilities from the same data source.

Panasonic

Key features:

- Integrated Panasonic MEWNET Manager
- LAN and modem connection for remote control via LAN, Internet or telephone line
- Parallel data acquisition from multiple independent PLC systems
- Logging all internal and external PLC registers, flags, counters, timers, arrays and strings
- Supported data types BOOL, INT, DINT, WORD, DWORD, REAL, STRING or ARRAY
- Logging data with a time stamp in .csv format
- Adding new channels while recording
- Import of the global variables list from FPWIN Pro or direct input of the register address
- Powerful trigger functionality combines multiple analog and digital variables to create a start/stop trigger; pre-/post-trigger times are programmable
- User-defined sampling rate from a few milliseconds to hours or even days
- Automatically save the signal curve to the hard disk drive
- Each channel can be displayed in any color and trace width
- Display signals graphically as single channels, in XY mode or in tables
- Time measuring function with up to 4 markers plus 2 trigger markers
- "Jump to time" function
- "Jump to value" function
- Virtually unlimited number of samples

Ordering information:

Software:	Part no.
FP Data Analyzer, monitoring software for all FP series PLCs, available free of charge in the download center	