

ProfiSignal – Interfaces, Runtime, View

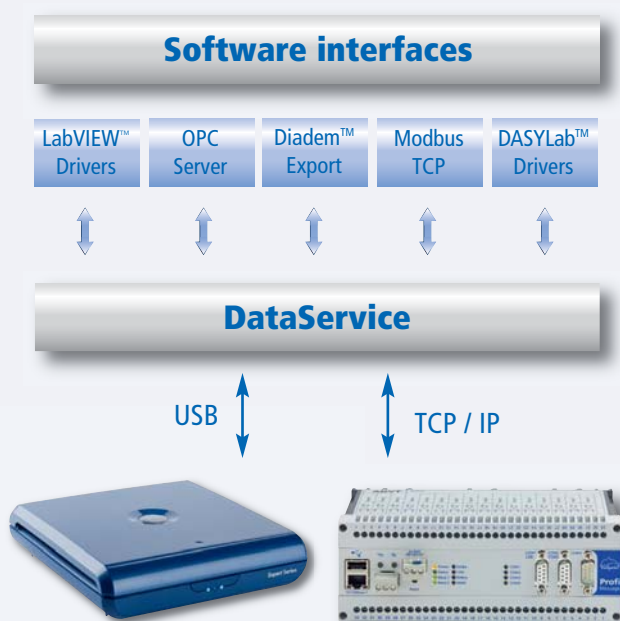
ProfiSignal interfaces

ProfiSignal is equipped with optional interfaces for connecting external software and hardware. Drivers are available for data exchange with NI LabVIEW™, DASyLab™ and Diadem™. Sensors and other control and measurement systems can be connected to ProfiSignal via OPC Server / Client and Modbus TCP. An API interface enables ProfiSignal to be integrated into high-level languages. OCX and .NET interfaces are also available.

ProfiSignal can also be connected to external hardware. A range of drivers are available to connect external hardware. The following are examples of supported hardware: VXI, PSI, HBM, WinSocket and many others.

Product features

- Multiple interfaces for external hardware and software
- High transfer rates supported
- Compatible with latest software versions
- Simple installation
- Full documentation



ProfiSignal Runtime

Once a ProfiSignal project has been completed in development mode, a Runtime licence then enables its operation. ProfiSignal Runtime licence contains only ProfiSignal's runtime mode. Only completed projects that have been transferred to runtime mode can be started. Runtime mode is not intended for the creating of new projects. Runtime includes all ProfiSignal options available in the development mode.

Product features

- Manipulation safe running of ProfiSignal projects
- Projects contained within one file
- Easy to copy applications to multiple PCs
- Inexpensive solution for OEM applications
- No development mode required



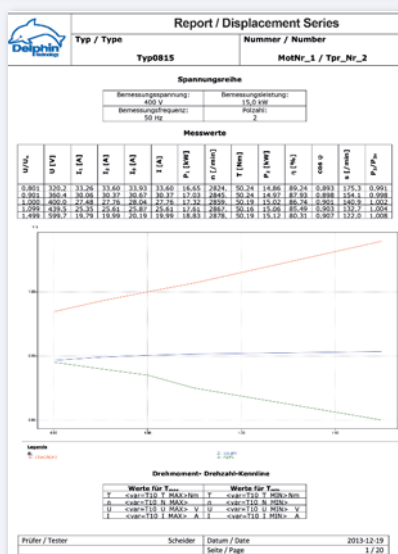
er and Trend-App

ProfiSignal Viewer

The ProfiSignal Viewer enables offline analysis of measurement data files and reports generated by ProfiSignal. ProfiSignal Viewer is suitable for users who require only data analysis or export, e.g. to ASCII or Excel files, and not the system's full functioning or online data features. The Viewer includes ProfiSignal options for trend diagrams and characteristic curves, e.g. cursors, markers, export and statistical functions.

Product features

- Offline analysis and export of measurement data
- Offline analysis and processing of reports
- Diagrams, e.g. trends, characteristic curve, orbit and FFT Orbit, FFT diagrams
- Diagram functions, e.g. cursor, export, markers, statistics etc.
- Dynamic reporting with access to all measurement data plus time-stamps
- Display and processing of reports



Report extract of QM standard

Trend-App

A Trend-App is available for the remote monitoring of systems, experiments, trials and test stands. Measurement data can be monitored live on a mobile device. Historical data can be zoomed by pinching and stretching movements on the mobile device's screen to display any offline time period required. The Trend-App can be configured according to user requirements.

Product features

- On the go portrayal of measurement data as y(t) diagrams
- Adjustable numbers of measurement channels, curve colours, channel scaling and time ranges
- Access via Wi-Fi or internet

