

IPLab Distributed Data Acquisition System

IPLab is a scalable data acquisition system, that can gather information from a wide range of measuring equipment including (not limited to):
Modbus, Profibus, NI FieldPoint, NMEA-protocol, Serial interface, GPIB interface, TCP/IP interface

Key benefits:

- **Reduces routine work**, because several devices are controlled centrally and therefore adds to efficiency and makes the system more pleasant to use
- **Safer** and more **fault tolerant**, because of a distributed structure with manageable components
- Uses the **full capacity** of the devices, because computing power is not a limit with IPLab scalable architecture and modern computers
- Improved measurement precision **performance** by using advanced calibration techniques
- Developed for the extensive **requirements of respectable professionals** in the measurement business
- IPLab is an investment that quickly **pays itself back** in the benefits of the speedups of work and time savings.
- IPLab is a software solution, meaning it can be re-installed to new hardware in case of break-downs enabling fast recovery.
- Extensible with the **Image Soft Labtool** product

Technical specifications:

Main functionality:

- **Configurable monitoring** interface for all data
- **Reporting and alarms** on error conditions
- Searchable **Database** for selected measurement information
- Realtime **Chart** display with zooming and data saving capabilities
- **Calibration** using splines
- **Data transfer** to other applications e.g. Microsoft **Excel**
- Unlimited **extensibility** using a script programming language for **advanced users**
- Adding Your **own formulas** to Excel using a simple script language
- Updating information to Excel also in **real time**

