

DART

Data Acquisition and Real Time processing

DART is a flexible data acquisition software capable of logging data from any hardware through serial port, Ethernet TCP/IP, or OPC Server. DART can be used for any application where real time data acquisition is required. Features include;

- Up to 64 parameters.
- Real time graphs with scrolling back and forth in time.
- Several curves may be merged on any one graph, or can be plotted individually.
- Flexible scaling, curve colour, number format for each parameter on the graph.
- Upper and lower alarms for each parameter.
- Software calibration of parameters without affecting the hardware configuration.
- Curve smoothing by averaging values.
- User defined/computed parameters.
- Data is available for external applications to perform real-time analysis.
- Importing external data in real-time. This can include external applications outputs.
- Automatic peak/trough detection regardless of sampling rate.
- Sampling rates from 1 second.
- Files playback.
- Zoom facility before printing.
- Summary reports with comments entered in real-time or edited post job.
- Data is saved in database files and can be exported to Excel or XML files.

