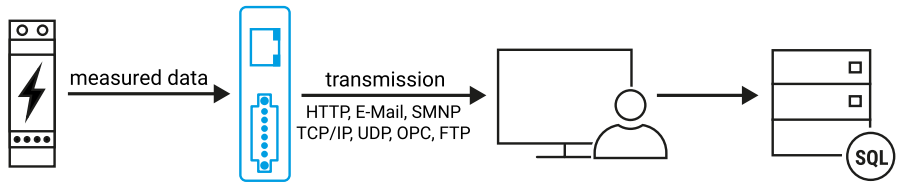
Application for Web-IO Analog-In:

Sending analog values over the network using measurement transducers

Product overview
Application overview



Messumformer
analog measure data
0..20mA , 0..10V

Web-IO Analog
center of communication

client with W&T-tool
polling of the Web-IO with W&T Sensobase and transmitting data to web-server

server
saving of measured data

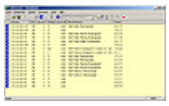
Definition of tasks

All the measurement values for a production system need to be saved to the company's internal SQL server for archiving and further processing.

The solution

Measuring transducers are used to connect the individual measurement points to Web-IO Analog-In devices. After assigning the network parameters, these are first made available in the network. The W&T Tool Sensobase® is installed on a client, and the tool collects the measurement values and forwards them to the local SQL server.

Details

1. The measurement points for the production system are connected to the Web-IO Analog-In using measuring transducers.	
2. The Web-IO Analog-In was connected to an available Ethernet port and provided with power.	
3. The W&T tool Sensobase® is installed on a client PC and the parameters for the plant's internal SQL server configured.	
4. The measurement values are now sent cyclically every minute to the SQL server.	

The tool

The W&T tool Sensobase® is available for free downloading here, or from the W&T product CD.

Further practical examples:

- Monitor levels with the Web-IO Analog-In
- Sending measurement values from a truck scale over the network

We are available to you in person:

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