

## The EasyMeasure Sensor Platform

### Summary

The sensor platform is an extensive yet low cost system for local and remote data logging, data analysis and process automation. Any commercially available sensor or set of sensors can be plugged into the platform. The features of the platform, such as data processing and representation, can be tailor made.

### Features of the EasyMeasure Sensor Platform

- It is computer based i.e., Raspberry Pi-Powered with Linux OS and open source tools.
- It is equipped with inhouse developed software for data analysis, mathematical modeling, process monitoring and control. It can replace PLCs.
- The software is configurable, so we can make it tailor made for your specific sensor(s) and application.
- It is equipped with 4G, 3G, GPRS, bluetooth, ethernet, wifi and phone call functionalities for remote access.
- It has a data logging storage capacity up to 64 GB.
- It can generate alarms through SMS, phone call, e-mail.
- For controlling process equipment, it has built in relay functionality (event based switching).
- It has a real time clock for time stamping of the logged data.
- All data is accessible real time and worldwide through internet.
- Remote sensor configuration is possible.
- The industrial housing protects the platform against water (IP66) and make it feasible for installation in industrial environment and outdoor.
- The platform can communicate with other systems (PLC, laptop etc).
- We can produce in small series.
- A cost indication: a fully automated system produced in series of 10 pieces costs between 1.000 euro ex BTW and 3.000 euro ex BTW per system, depending on the specific application.

If you are interested in the platform, please contact me.

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