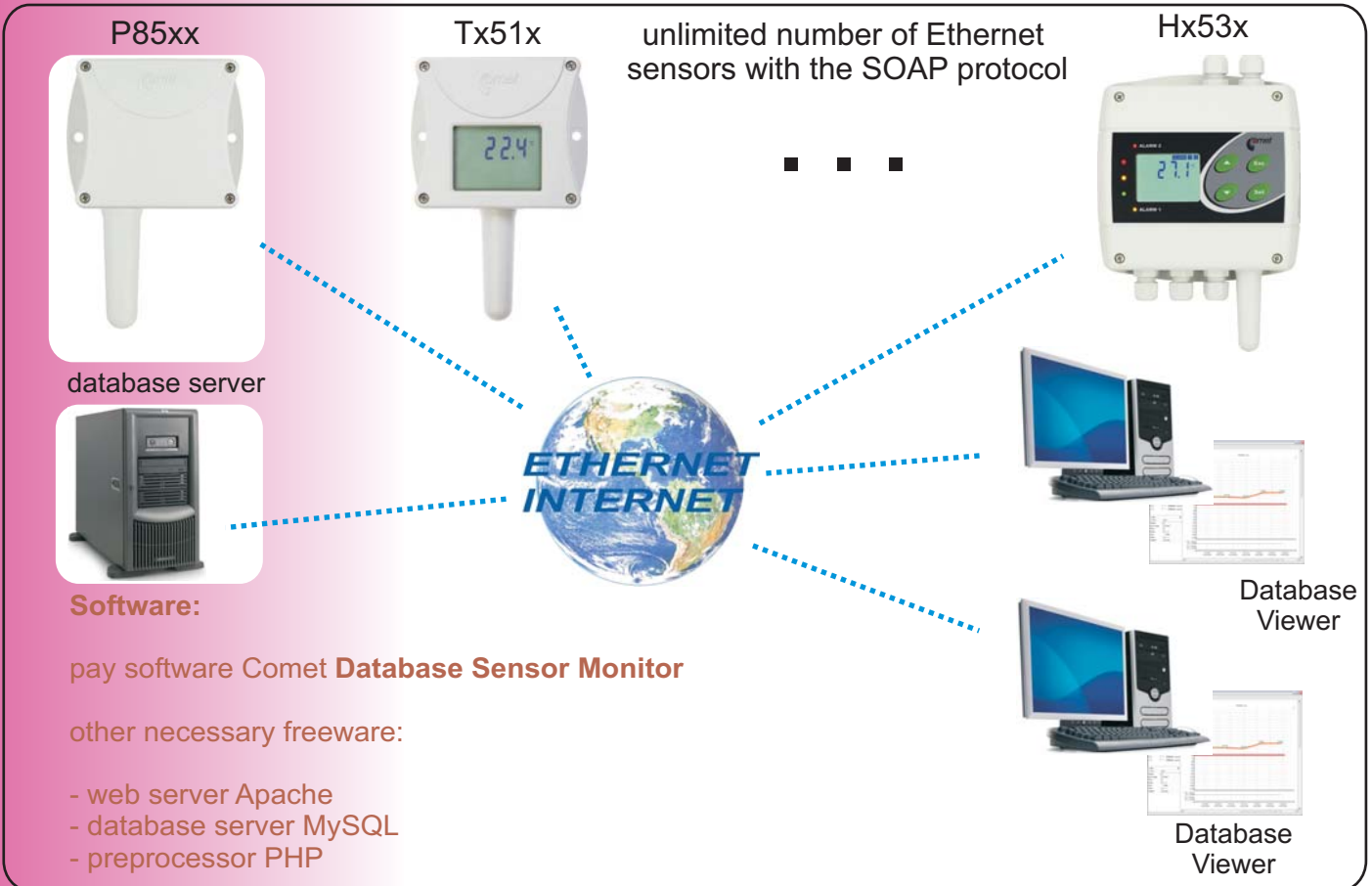




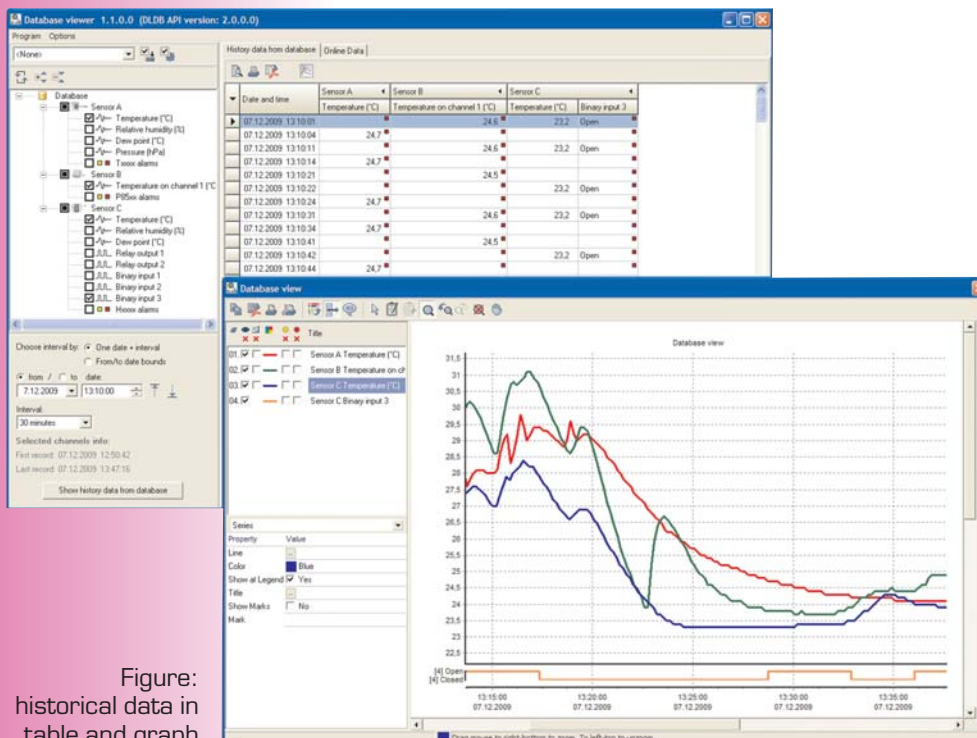
ONLINE MONITORING SYSTEM WITH SENSORS CONNECTED TO ETHERNET

New

Easy creation of online data acquisition system from Ethernet temperature, humidity, pressure sensors by using new low cost software Comet **Database Sensor Monitor**.



Program package SWR009 Database Sensor Monitor for online data acquisition and analysis from Comet sensors is a client-server data acquisition system. It contains all necessary components for monitoring of sensors, incl. one licence of SWR010 Database Viewer.



Accessories

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System enables i.a.:

- * Data acquisition from Comet sensors connected to Ethernet or sensors connected via modem to GSM network.
- * To view selected channels from any Comet sensor together with selected channels of other Comet sensors (i.e. comparing/monitoring of values from different measurement points).
- * Measurement from different Comet devices is possible to combine in one table or graph.
- * To present data (temperature, humidity, pressure, binary state, etc.), alarm status.
- * To choose any time interval for analysis.
- * Print, export to PDF - table and graph. Export to other formats for subsequent processing.
- * Online visualization of actual values and alarms.
- * Online graphic visualization of measurement in curves. I.e. graph presenting actual data e.g. for last hour. The length of history is selectable. Graph is automatically updated.

The advantage is a simple system expanding:

- * Connection of sensors is very easy thanks to the used communication protocol SOAP. Needed is only to enter server address and connect sensor to intranet/ethernet.
- * It is possible to build large data acquisition system. SOAP protocol is commonly used in internet. Data acquisition from sensors located anywhere in the world is enabled.
- * System can be expanded with other and other devices without any charge. Buying Database Sensor Monitor enables to capture data from 2, 10 or 100 sensors.
- * Low cost browsers Database Viewer is possible to buy in successive steps as necessary. It enables several clients to view database from different places on network/internet.

Administration of system enables i.a.:

- * To name device in database (e.g. „sensor at warehouse“).
- * To backup database.
- * To diagnose error states.
- * To administrate user accounts. Database Viewers use for connection to database accounts with read-only rights. Database is thus protected against damage by unauthorized person.

System is based on stable and world-wide popular freeware platforms MySQL + Apache + PHP.

System installation and administration is simple. Instruction Manual guides installation of the system step by step, including all needed freeware.

System can be connected to database systems for other Comet devices:
SWR007 Database Logger Program
SWR008 Database MS Program.

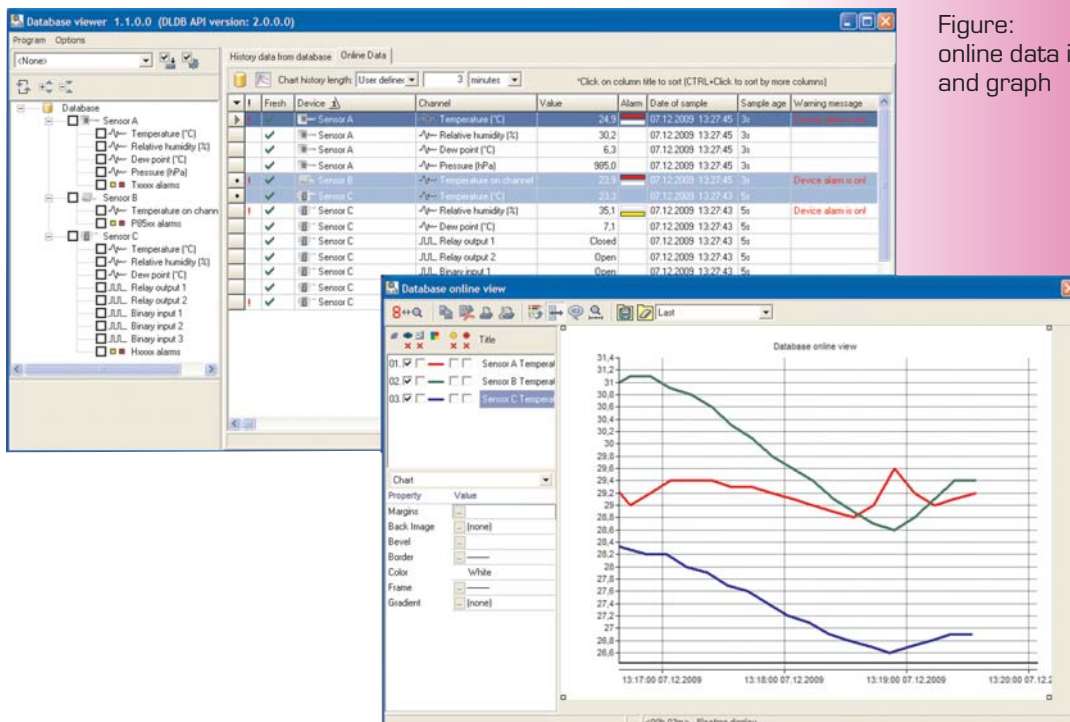


Figure:
online data in table
and graph