HARDWARE/SOFTWARE SOLUTION FOR:
CONTINUOUS EMISSION MONITORING
PROCESS MONITORING
AMBIENT AIR MONITORING
WE OFFER:

- Software solution that replaces the subsystems for collecting, processing, transmitting and displaying data on the basis of classical PLCs.
- Software can be installed on any computer and any operating system, including one with free licenses.
- Completely take charge of managing your measurement system, organizing the collection, processing and displaying of data.
- I will configure the mnemonic diagram, display, format and data processing according to your needs.
- Remote support and diagnose of your system.
- Quick reinstalling of the system on any computer with an Ethernet interface which is impossible with the use of classic PLCs.
- Integration of your system with Computerized Process Control System, organization of High-Level subsystem on the basis of a common data server.
OUR CONCEPTION:

• Simple, clear, accessible, reliable, unified
OUR PROGRAM CAN:

• Take any signals from your measuring system

• Operate solid-state and electrical relays, solenoid valves

• Tell the number of working days remaining for cylinders with calibration gases

• Track the status of your devices by diagnostic signals

• Display on your mnemonic scheme your measuring system, its components and their state

• Verify the validity of your system data

• Perform analyzers automatic calibration: according to the schedule or by exceeding the deviations of the analyzers set in the system

• To fix interference in the system operation

• Perform collection, processing, displaying, archiving and data transmission
SYSTEM MANAGEMENT INTERFACE, DATA COLLECTION AND PROCESSING:

- Our interface is user-friendly and protected from involuntary actions
- The maximum number of procedures is performed by the software independently

- We deliberately do not load the user with additional functions and work
- Work with software does not require special skills - it's our concept
DATA VALIDATION PROCEDURES INTERFACES:

- We frame our solution using the last 30 years of world experience
- This allows us to always be ahead of the requirements in the Russian Federation

- QA and QC procedures are build in our program
- It is impossible to overstress the importance of WEB interface and mobile apps
QA/QC PROCEDURES MADE BY THE SYSTEM:

• Conditioning 168 hours Test Period
• Operational 168 hours Test Period
• Daily calibration drift/error check and adjustment
• Linearity
• System Cycle Time/Response Time Test
• Seven consecutive days calibration drift/error test
• Relative accuracy test audit (RATA)
• Cylinder Gas Audit (CGA)
• Before implementation, we perform debugging on the real testing bench where we recreate your measuring system

• We invite you and jointly conduct all necessary tests and inspections

• If you have any questions, we will quickly recreate your measuring system on the prototype and will conduct the inspections you are interested in

• When upgrading your measuring systems, we firstly work out all the necessary improvements on the prototype and only after that implement it to the system
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<tr>
<th>#</th>
<th>PROJECT</th>
<th>Year</th>
<th>CEM&amp;AAM</th>
<th>MEL</th>
<th>WQMS</th>
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- CEM&AAM – continuous emission and ambient air monitoring
- MEL - mobile environmental laboratory
- WQS – water quality system

In each system there is a data collection server with its software.
IN CASE OF ANY QUESTIONS DO NOT HESITATE TO CONTACT US

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