



## INDUSTRIAL CONSORTIUM INTEC - WAKMET

INTEC Corp. WAKMET Industrial Valves Factory Ltd. Co.

Modern automated industrial installations requires the highest demands on the regulatory equipment to process control. It is essential to maintain technological regimes at a very narrow limit of deviations. It is necessary to achieve the appropriate quality and efficiency of manufacturing and reliability of industrial installations.

The main role in these processes is played by the executive control elements for controlling the flow of media. To ensure the availability of modern flow control devices on domestic potential, an **Industrial Consortium INTEC-WAKMET** was established. The consortium carries out production and development solely on the basis of its own original technical solutions and its unique machinery park.

The Consortium Includes: INTEC Corp. in Wroclaw and Industrial Valves Factory WAKMET Ltd.Co. in Bodzanow. Both companies were founded in 1991. The production of flow control devices began with simple, low-pressure on-off and gate valves. Now - after 31 years - consortium has achieved a global level in the full range of parameters and constructions, confirmed by a 40% share of exports. The production is located in Bodzanow. Production halls are equipped with the most modern machines and CNC centers, controlled by advanced IT tools. Thanks to such a base, the production process is fast, flexible and repeatable. All products and procedures have appropriate certificates.

We offer: control valves, on-off valves, gate valves, butterfly valves, strainers, conditioning stations, desuperheaters, specialized valves as well as differential pressure flow elements and dump tubes. We also offer designing, assembly and commissioning of turnkey installations. The main feature of consortium products is solidity, longevity and also minimizing service requirements. We are convinced that the flow control devices offered by our consortium will meet all your requirements.

We invite you to cooperation.



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### INTEC Corp.

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THE INDUSTRIAL AUTOMATION



## DESIGNING OF INDUSTRIAL DEVICES



- design, flow and thermodynamic calculations of:
  - control valves,
  - steam conditioning valves,
  - start and discharge/dump valves,
  - special purpose valves,
  - large size check valves, gate valves, and strainers.
- construction of industrial devices suited to customer requirements,
- intense development of constructions based on the top-of-the art technical solutions,
- design of components connecting devices and actuators,
- complex configuration of devices and actuators (including all necessary accessories),
- work study of technological flow systems.

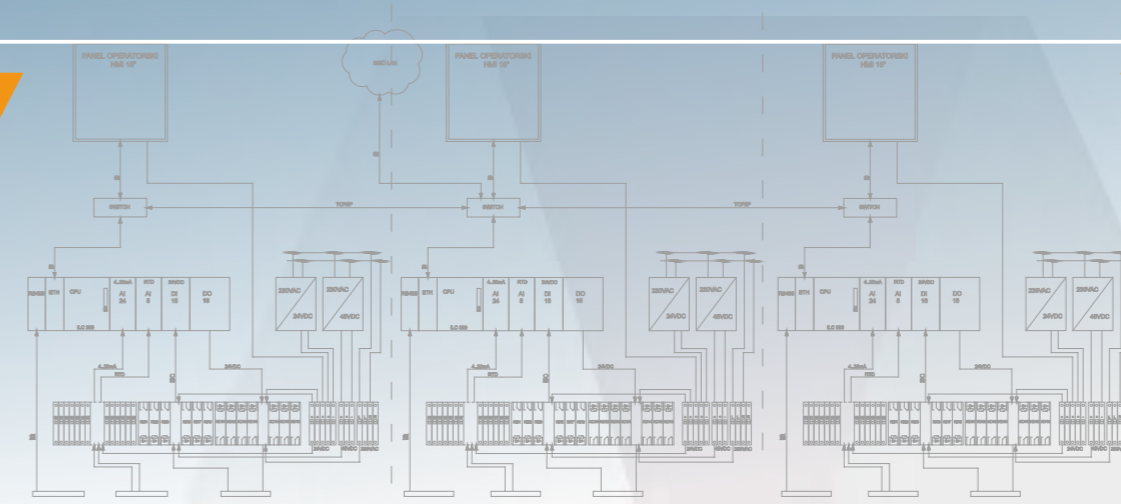
## MANUFACTURE

- control valves,
- steam conditioning valves,
- start and discharge/dump valves,
- desuperheaters,
- dump tubes,
- by-pass systems of high pressure feed-water exchangers,
- check valves,
- gate valves,
- strainers,
- orifice valves,
- special purpose valves,
- electric actuators,
- pneumatic actuators.



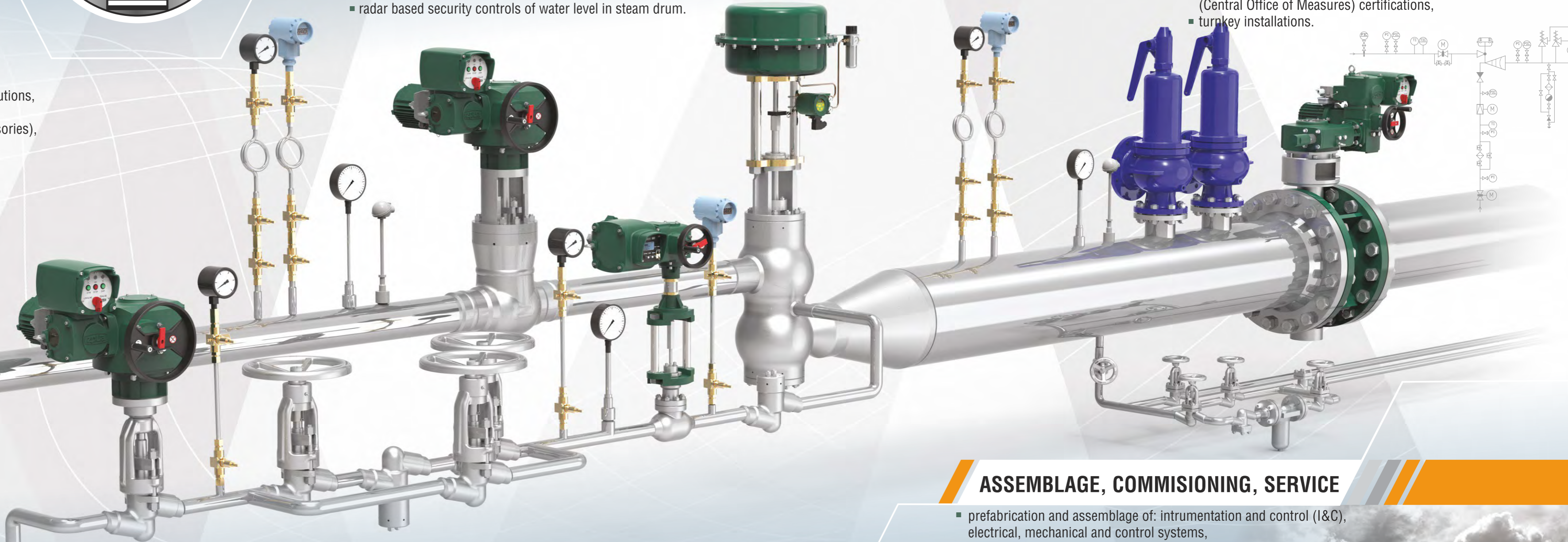
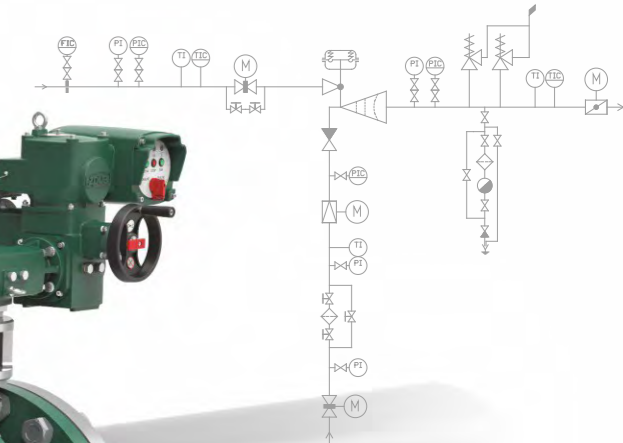
## FIELD ORIENTED APPLICATIONS AUTOMATION

- design instrumentation and control system for industry (I&C)
- Ex installations, mazut burners, light fuel oil burners, steam generators (boilers),
- selection and delivery of the equipment,
- quality documentation,
- CLDT (Central Laboratory of Technical Inspection) certification,
- hazard and operability study (HAZOP),
- radar based security controls of water level in steam drum.



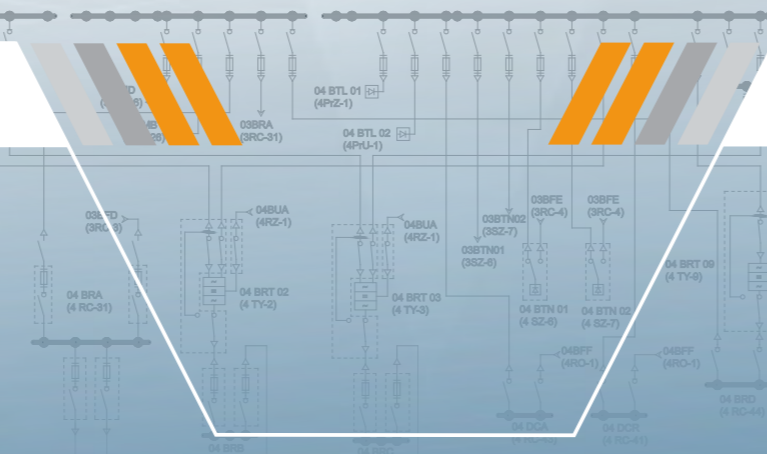
## FIELD ORIENTED APPLICATIONS TECHNOLOGY

- design of complete process lines,
- design of steam conditioning assemblages,
- design of start and discharge assemblages,
- design of pipelines assemblages,
- assemblage of fittings, measurement circuits, etc.,
- usage of Autodesk Inventor, AutoCAD Plant 3D, Bentley AutoPipe software,
- UDT (Office of Technical Inspection), CLDT (Central Laboratory of Technical Inspection), and GUM (Central Office of Measures) certifications,
- turnkey installations.



## FIELD ORIENTED APPLICATIONS ELECTRIC INDUSTRY

- design,
- selection and delivery of the equipment,
- quality documentation,
- conceptual frameworks,
- research and measurements.



## FIELD ORIENTED APPLICATIONS CONTROL SYSTEMS

- software tools for PLC controllers and Distributed Control System (DCS),
- visualization of technological processes,
- development of controlling algorithms as well as tuning procedures of power units,
- quality documentation.

## ASSEMBLAGE, COMMISSIONING, SERVICE

- prefabrication and assemblage of: instrumentation and control (I&C), electrical, mechanical and control systems,
- coordination, arrangement, and engineering supervision in instrumentation and control (I&C), electrical, mechanical, and construction industries,
- optimization of process lines,
- selection of set-points and parameters of process lines,
- commissioning of steam conditioning stations,
- commissioning of process lines,
- service of valves; measurements and survey,
- service of electric actuators,
- service of pneumatic actuators,
- maintenance,
- maintenance works, service agreements,
- installation and commissioning of actuators, fittings, and measuring equipment.

