

KONC EPT



Automation of industrial processes and machines

bürkert

Danfoss

OMRON

EAT•N

NOARK

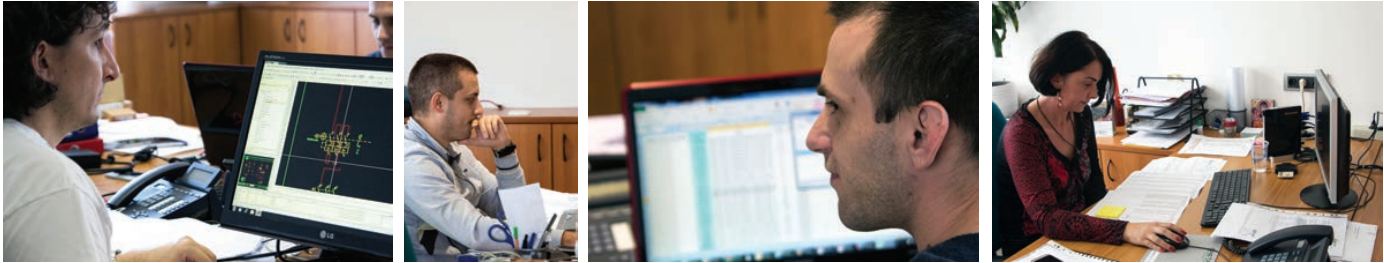

Kamstrup

SIEMENS

Powering Business Worldwide

About us

Company "NS Koncept" Ltd. was established in 2001 in Novi Sad. The main activity of the company is the automation of industrial and thermal processes. In the past decade the company has developed into a high-quality and reliable partner of many local companies. The team consists of young and ambitious engineers.



Main task

The main task is maximal adaptation to the client's requirements, providing professional advice and service. Individual approach, respect for quality requirements and the financial structure of the project are guaranteed to the client. We constantly follow the latest trends and technology to offer clients the best quality service, while preserving the environment.

Quality policy

EN ISO9001:2008

In all business processes quality control and planning, as well as the quality of service are provided. We successfully implement the planned objectives for technological modernization and management. We endeavor to meet the expectations of our business partners, to build trust and fair partnership. In order to increase the rationalization, we monitor costs, analyze them and take proper measures.

EN ISO14001:2004, OHSAS 18001:2007

We strive to ensure that the processes of production and operation, through all execution phases, are in compliance with environmental regulations. We are aware of the impact of certain industrial processes on the environment, therefore we use technologies that help to reduce the negative impact of such technological processes. During the manufacturing process, we introduce a solution that does not pollute the environment and take care of the energy consumption. We encourage energy efficiency and recycling.

OHSAS 18001: 2007

SYSTEMS OF MANAGEMENT OF HEALTH AND SAFETY AT WORK

Reasonable policies protecting the health and safety at work are crucial for employees, but are increasingly important for customers and other stakeholders.



Activities

Our company activities cover complete engineering in the field of industrial and thermal power automation, remote monitoring and process control, sales of related equipment from the world's largest producer, as well as service and maintenance. In addition to industrial automation, we are automate non-industrial buildings (private houses, buildings, hotels, restaurants...).



Designing

Our team of experienced electrical and mechanical engineers is ready to meet all your specific request or problem, whether it is the automation of thermal power plants, pumping plants, automation in the food industry, process or any other. For this purpose we use the worlds leading programmable logic controllers SIEMENS, OMRON, BAS, EATON MOELLER, as well as HMI/SCADA systems WONDERWARE, CX-Supervisor, ISC WEB, SIMATIC WinCC, etc.

Service and maintenance

The expert team of service providers are ready to meet your requirements at all times. We provide diagnostics and troubleshooting with quality and speed. In addition, we offer maintenance and repair of equipment and installation.

Production

We produce distribution cabinets and complete systems of automatic control that comply with your requirements.

Execution

Special attention is paid to the projects execution, where all systems are tested prior to installation in the plant. Our modern supervisory and control systems ensure the quality and reliability of your processes, maximally protecting the environment. "NS Koncept" has successfully executed a number of projects in thermal power, water supply systems, food industry, refineries, etc.

From the very beginning, the quality of products and services has been our primary commitment. All business processes are in compliance with international standards.




Sales

We offer a complete range of products from leading manufacturers of low voltage and high voltage equipment, measuring and regulating equipment, as well as accessories.






Danfoss is a leader in research, development and production of mechanical and electronics products and regulators. The products help with heating and cooling residential and office spaces, production of frozen food and regulation. In short, Danfoss contributes to the comfort of modern life as well as safer and cleaner living environments. Success as a producer stems from the ability to combine traditional mechanical with electronic technology based solutions. Through innovative mechanical design and electronics, often including embedded software, they produce a powerful product that is versatile, has high quality and is safe.

VLT® Drives

Energy options  <ul style="list-style-type: none"> -MCC 102 dU-dt filter -MCC 101 filter -AHF 005 iAHF 010 -Harmony filters -Advanced Active Filter AAF 006 	Frequency converters  <ul style="list-style-type: none"> -HVAC Drive FC 100 -AQUA Drive FC (200) 202 -Automation Drive FC 300 -Serie 2800 -Micro Drive 	Decentral Products <ul style="list-style-type: none"> -Decentral Drive FCD 302 -Decentral FCD 300 -DriveMatar FCM 300 -OneGearDrive 	Soft-starters  <ul style="list-style-type: none"> -Soft Starter MCD 500 -Compact Starter MCD 200 -Compact Starter MCD 100
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HEATING SOLUTIONS

Thermostatic radiator valves  <ul style="list-style-type: none"> -Thermostatic radiator valves -Dynamic valve -Radiator thermostats - mechanical -Radiator thermostats - electronic 	Electric Controllers for district heating  <ul style="list-style-type: none"> -Electronic Controllers Sensors - Electronic Safety thermostats 	Control Valves  <ul style="list-style-type: none"> Actuators for seated valves Seated Valves Seated Valves for Heating & Cooling Rotary Valves Seated Valves for Steam Actuators for Rotary valves
Room Thermostats  <ul style="list-style-type: none"> -Thermostats -Programmable -Room Thermostats -Regulators for solar heating 	Pressure & Flow Controllers  <ul style="list-style-type: none"> - Differential Pressure Controllers - Pressure Relief Controllers - Pressure Reduction Controllers 	Solenoid valves  <ul style="list-style-type: none"> - Solenoid valves - Coils for valves
Balancing & Control valves  <ul style="list-style-type: none"> -Automatic Balancing Valves -Manual Balancing Valves -Balancing & Control Valves 	Heat Exchangers  <ul style="list-style-type: none"> - Brazed - Gasketed - Plate and Shell (SPS) - Free Flow 	Pressure controls and thermostats  <ul style="list-style-type: none"> - Transmitters - Thermostats KP RT
Room Controllers  <ul style="list-style-type: none"> -Danfoss Ally -Danfoss ECTEMP Smart 	Substations  <ul style="list-style-type: none"> - Direct heating and DHW preparation - Indirect heating and DHW preparation 	Temperature Controllers  <ul style="list-style-type: none"> Temperature Controllers Safety Temperature Controllers

Omron Corporation is a Japanese electronics company founded in Kyoto. The main activity of the company is the production and sale of components and automation equipment such as drives, temperature and level controllers, all kinds of sensors and switches, counters, encoders, timers, PLC configuration, power systems ...

Control Components



- Temperature controllers
- Switching power supplies
- Timers
- Digital counters
- Panel indicators
- Programmable relays
- Photovoltaic inverter

Sensing



- Photoelectric sensors
- Inductive sensors
- Visual sensors and systems
- Rotary encoders
- Measuring sensors
- Sensors with optical fiber
- Systems for identification

Motion & Drives



- Servo systems
- Frequency inverters
- Motion controllers
- Robots

Safety



- Panic Buttons and Switches
- Safety limit switches
- Safety switches doors
- Safety sensors
- Safety Unit / relays
- Programmable safety systems
- Security alarms

Automation Systems



- Programmable Logic Controllers
- Software
- HMI
- Distributed IO devices

Switching Components



- Electromechanical relays
- Solid-state relays
- Contactors
- Protective devices and level controllers
- Position switch
- The buttons, selectors and indicators
- Position switch

EAT•N

Eaton is a global technology leader in the field of electrical components and systems for the distribution and quality management of electrical energy. Also we offer hydraulic components, systems and services for industrial and mobile equipment. We also provide a system for fuel supply - hydraulic and pneumatic systems for commercial and military aviation, as well as propulsion systems for cars and trucks that are safer, provide more power and consume less fuel. Eaton has about 102,000 people employed, and the company sells its products in the markets in over 150 countries.

Control and indication



- SL Signal Towers
- Control Circuit Devices RMQ-Titan (drilling 22mm)
- Position switch
- Sensors
- Pressure switches MCS
- Safety Position Switches
- Enclosure System CI

Switching, Protecting and Driving Motors



- DIL Contactors
- CMD Contactor Monitoring Relay
- DIL E mini contactor relay
- Motor-protective relays
- Motor Protective Circuit Breakers
- Motor starters MSC
- Busbar system SASY 60
- Soft starters

Automation, Control and Visualisation



- Timing and measuring relays
- Safety relays ESR
- Measuring and monitoring relays EMR
- Easy control relays
- Multi-function display MFD-Titan
- Easy Safety, Software
- I/O systems -HMI/PLC
- Industrial PCs -Modular PLC

Matching of Voltage and Current



- Power supply
- Transformers



- Switching, Protecting and Driving Motors
- Switches to 1600A



- Bussmann
- High speed fuses
- Low Voltage Fuses



Kamstrup

Kamstrup is a world leader in the production of heat, electricity and water meters. Also for remote reading systems for the meters produced and hardware and software, from design to installation of services. Production and main administration is located in Denmark. Kamstrup has representative offices in 50 countries and is located in a strong international position. Price reliability, sense of responsibility and high quality is highly valued. Our employees are committed to our customers. Around 800 workers follow these corporate values and make Kamstrup an innovative and global partner.

Heat meters



Meters

- MULTICAL® 302
- MULTICAL® 402
- MULTICAL® 602
- MULTICAL® 801
- ULTRAFLOW® 54
- ULTRAFLOW® 54 for 602 I 801

Accessories for the meters

- MULTITERM Pro
- MULTITERM Pro
- USB Meter Readers
- Antennas
- Antennas and accessories

Cooling Meters



Meters

- MULTICAL® 302
- MULTICAL® 402
- MULTICAL® 602
- ULTRAFLOW® 14
- MULTICAL® 602
- MULTICAL® 801
- ULTRAFLOW® 54
- ULTRAFLOW® 14
- ULTRAFLOW® 34

Accessories for the meters

- MULTITERM Pro
- MULTITERM Pro
- USB Meter Readers
- Antennas
- Antennas and accessories

Water meters



Meters

- MULTICAL® 21
- MULTICAL® 62
- flowIQ® 3100
- MULTITERM Pro
- USB Meter Readers
- Antennas
- Antennas and accessories

Noark

Noark Electric is an international company that operates in almost every continent. Engaged in the development, production and distribution of electrical devices and components. The company consists of over 25 000 employees.

Consumer units



- Built-in distribution cabinet IP40 model PNF
- Wall mounted distribution boards IP40 model PNS
- Wall mounted distribution boards IP30 model PXS
- Built-in distribution cabinets IP40 model PXF
- Wall mounted distribution boards IP65 model PHS

Residual current devices



- Differential protective switch
- Combined differential switches
- RCD additional parts



- Circuit breakers
- Installation auto fuse
- Circuit Breakers



- Switches and disconnectors
- Disconnectors



- Concators and relays
- Contactors
- Mini contactors



- Overload relays
- Bimetallic relay

SIEMENS

Siemens AG is a global leader in electronics and electrical engineering. With 360,000 employees it is one of the largest and oldest companies in the world. In the past 165 years, Siemens is recognised by its technical improvements, innovation, quality and reliability of products and services offered in over 190 countries, and integration of solutions in the fields of energy, industry, transport, medicine and information technology.

Manufacturing Execution Systems (MES)



SIMATIC IT Suites
SIMATIC IT Libraries
SIMATEC Plant Intelligence
SIMATIC IT Components



Automation Systems
Embedded controllers
PC based controllers



Automation Systems
SIMATIC Modular Controllers

bürkert

Bürkert Company develops, constructs and manufactures components for measurement and control of liquids and gases. Proof of quality in Bürkert's products is the fact that they are successfully used even in the most demanding application areas such as satellites, space laboratories, nuclear reactors and equipment for exploration of the depths of the sea.

MicroFluidisc



- Solenoid valves with isolating diaphragm for aggressive media
- Solenoid valves for neutral media
- Solenoid valves with isolating diaphragm for neutral media
- Proportional valves
- Micro pump

Pneumatics



- Singular valves
- Pilot valves
- NAMUR valves-Manifolds
- Valve units and automation systems
- Flow and shut-off valves
- Service units for compressed air
- Cylinders
- Accessories

BBS



- Sterile Welding Unions
- Re-usable hose connections
- QuickCONNECT
- Silicone Hoses
- Sight glasses & flow indicators
- Sterile tank flanges

Sensors, Transmitters and Controllers



- Flow sensors
- Level sensors
- Pressure sensors
- Analysis sensors
- Temperature sensors
- Gas Monitoring
- Controllers

Solenoid Valves



- Water and other neutral media
- Neutral gaseous media
- Aggressive media
- Data plugs
- High pressure up to 250 bar
- Accessories
- Steam up to 180 °C

Process and Control valves



- Diaphragm valve
- Globe valve
- Angle seat valve
- Ball valve
- Butterfly valve
- Positioner/Process Controller
- Control Head
- Pneumatic quarterturn actuators
- Electric quarterturn actuators
- Bellow Valve

Robolux



- Multiway Multiport Diaphragm Valve, pneumatically operated
- Multiway Multiport Diaphragm Valve, manually operated

MFC/MFM, LFC/LFM and proportional valves



- Mass Flow Controller / Mass Flow Meter
- Liquid Flow Controller / Liquid Flow Meter
- Proportional valves

Delta Ohm is a professional manufacturer of instruments for measurements in: - Industry - Ecology, - Civil engineering,
 - Transmitters - ultrasonic measuring of wind speed, - rain detectors - pyranometers, - albedometri - Photo meters and
 - Radiometers - UVA, UVB for temperature measurement and relative humidity, pressure, air velocity, brightness, volume,
 pH, conductivity oxygen ...



Photometry-Radiometry
 Portables - photo
 Industrials - photo



Temperature
 Portables - temperature
 Industrials - temperature



Air speed
 Portables - air velocity
 industry - air velocity



Pressure
 Portables - pressure
 Industrials - pressure



Multifunction Portables
 - multifunction



Acoustic
 Portables -acoustics



Humidity
 Portables - humidity
 Industrials - humidity



Air quality CO-CO2
 Portables - air quality
 Industrials - air quality



Datalogger
 Portables -DataLogger

Solar energy

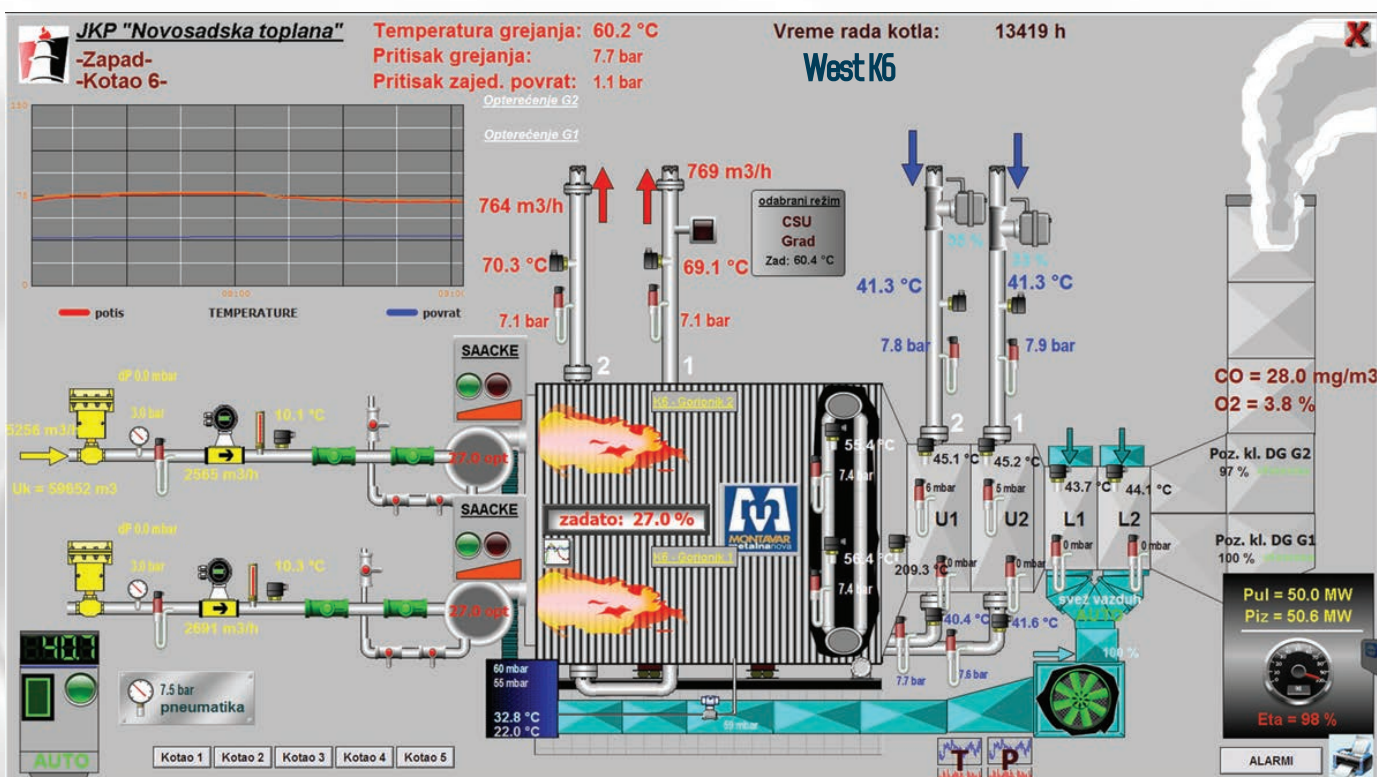
We offer a wide range of Astronergy photo panels of superior quality at affordable prices. They are equally suitable for small and medium, as well as for large independent electric power systems.

We also offer inverters, solar batteries and controllers, as well as NOARK photovoltaic protection.

The photocharged panels from our offer include:

- automatic rotation in accordance to the Sun
- protection from stormy winds

References



BIO MASS BOILERS

Forest waste
Corn
Wheat and soy straw
Sunflower shell
Coffee chaff
Fruit Waste

CHEMICAL INDUSTRY

Refineries - cooling towers
Refineries - Oil blendin
Lifting stations

BOILER INSTALATION

Hot Water Boilers
Steam boilers
Pumping stations
Chemical water treatment
Dictir facilitation

WATER TREATMENT

Water factories
Pumping stations
Compressing stations
Water intakes
Purification of waste water
Constitutions
Transmitters

HEAT SUBSTATIONS

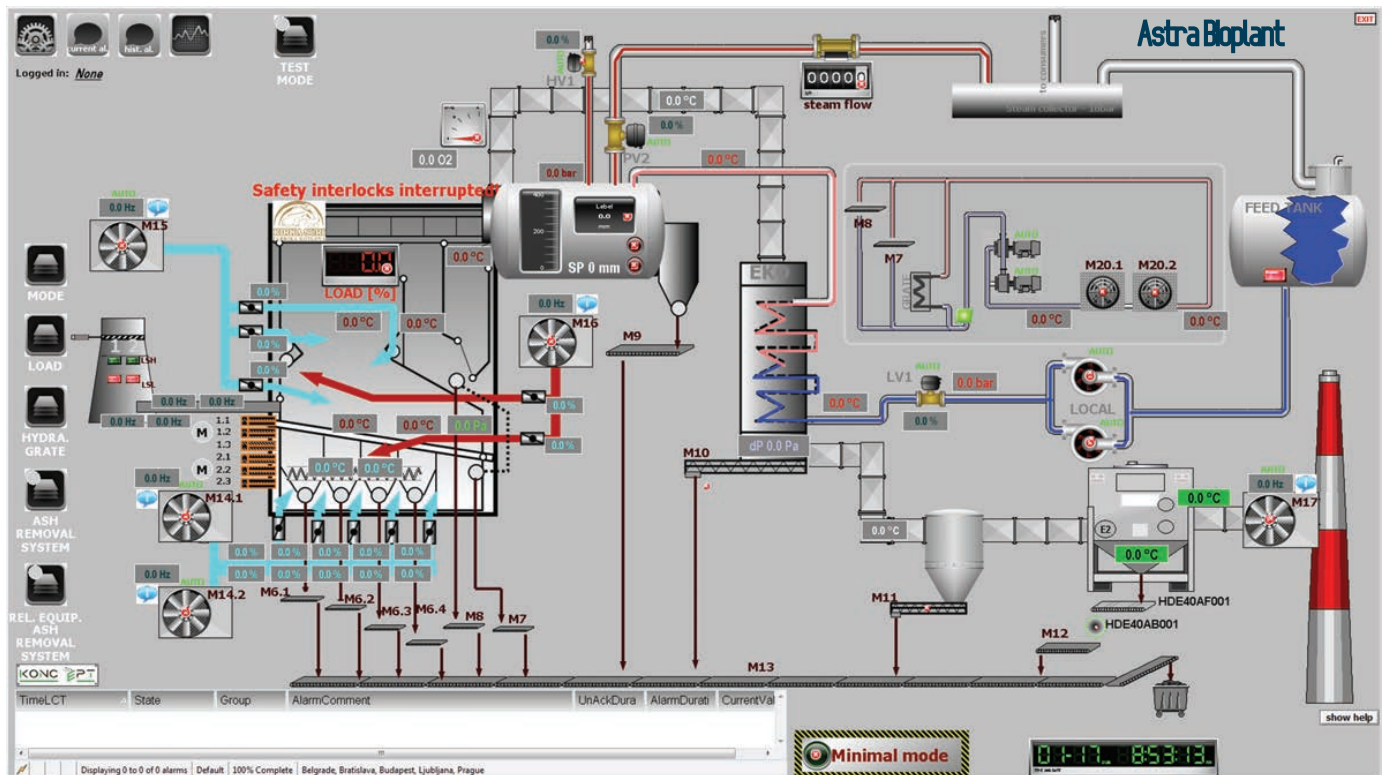
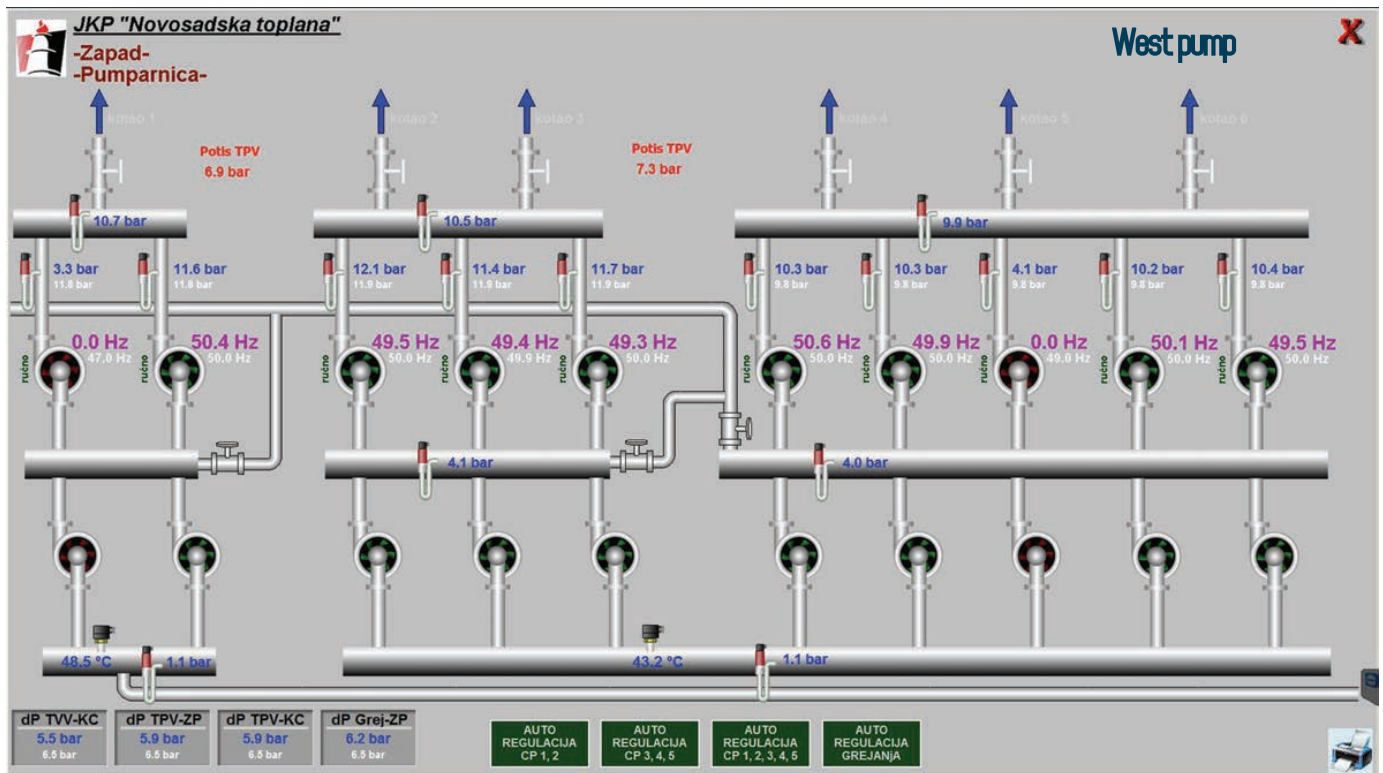
Packaged substations
Remote monitoring and management
of networks and substations
Management of heat consumption
measuring units in residential
buildings

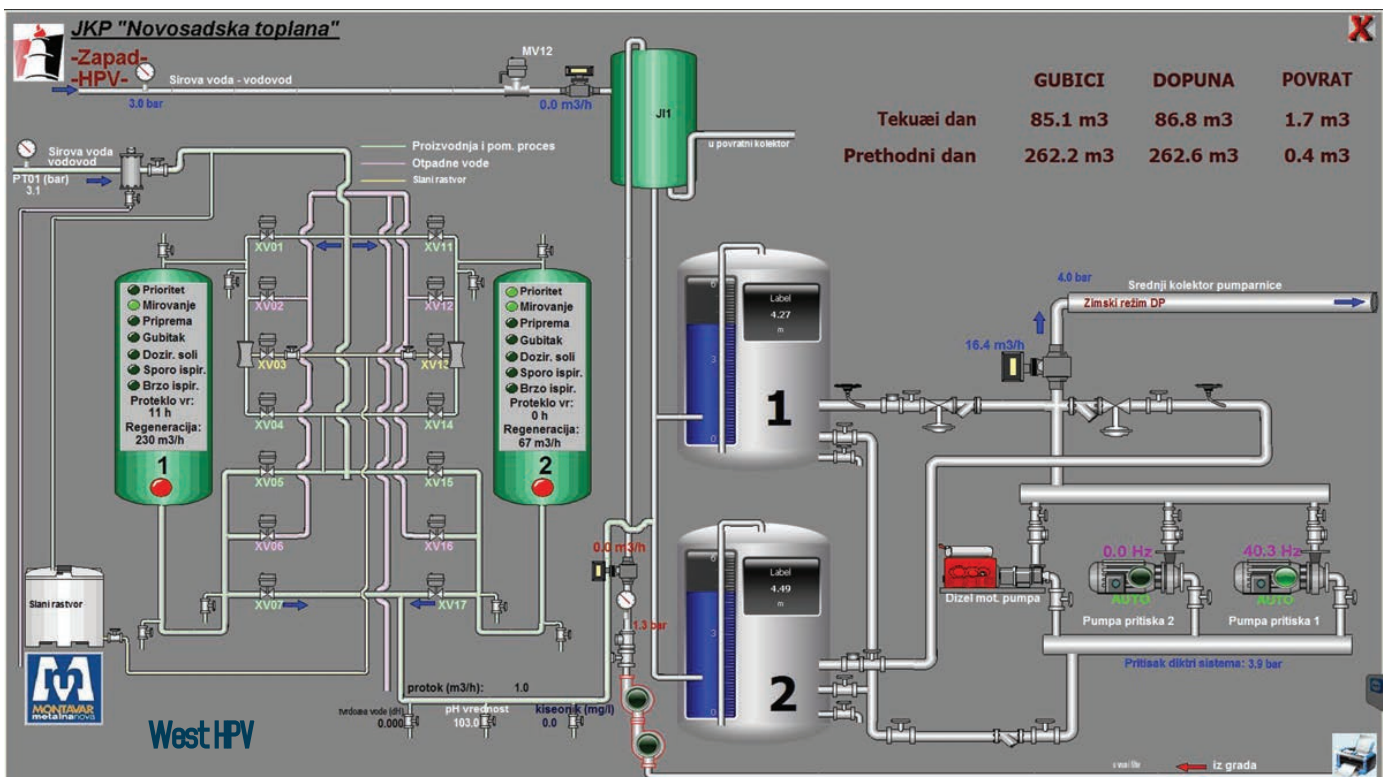
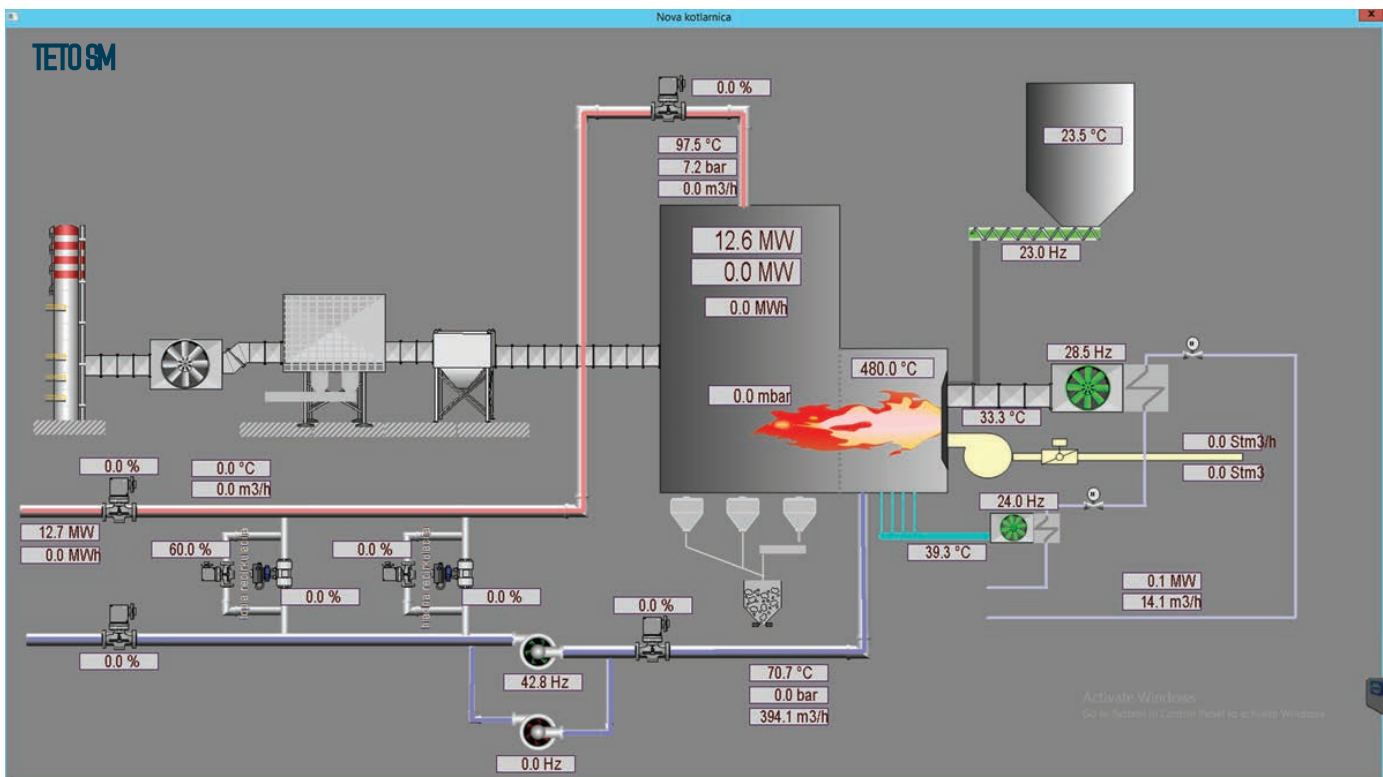
OTHER

Sterilization system management of medical and other equipment
Dryers for fruits and vegetables
Air conditioning and ventilation systems

FOOD INDUSTRY

Companies bottling water and juices
Automation confectionery machines and lines
Pneumatic transport
Feed mixers
Transport systems of oil seeds
Seed centers







We are changing the world!

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