MNPP Saturn LLC

FOUNDED IN 1991

History

Our company was founded in 1991 by a group of young engineers - graduates of Bauman Moscow State Technical University.

The first product developed by our company was an electronic smart energy meter. Soon our company started offering security and fire alarm systems for urban underground tunnels. Then we developed a system for detecting natural gas leakage, remote control of ventilation, pumps and lighting for underground structures. Currently, about 600 km of underground structures in Moscow is equipped with our devices.

Since 1995, our company has been developing systems for monitoring consumption of water, gas, heat and electricity.

History

For equipment remote monitoring and control, a "LanMon" SCADA system has been developed, now having hundreds of successful installations.

Since the 2000s, we have been producing hardware and software for elevator monitoring and emergency voice communication. Our elevator monitoring system is installed in many buildings in Moscow, St. Petersburg, Murmansk and other cities of Russia.

We continue to develop and upgrade these systems to use in new areas.

Our team consists of approximately 50 employees working on development, design and production of electronic devices and software, installation and maintenance.

Our businesses

Security & Fire Safety

- Hardware & Software for security and fire alarm systems for industrial facilities
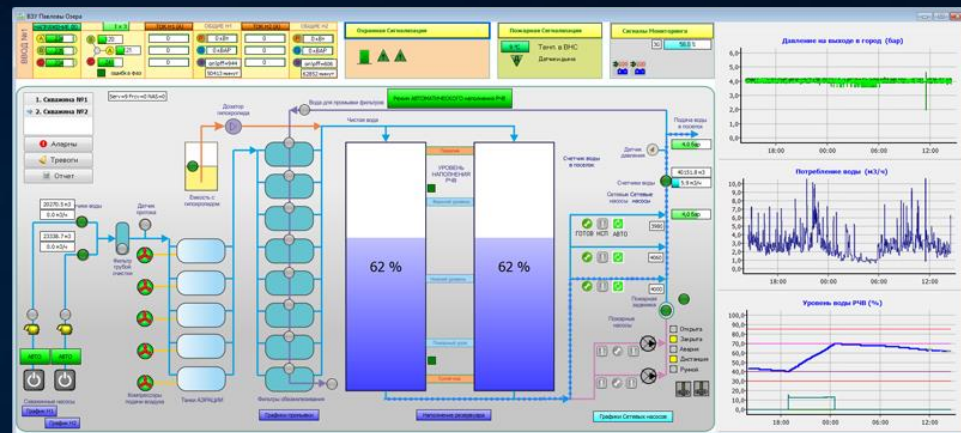
Elevators

- Hardware & Software for elevators remote monitoring
- Voice communication systems

Heating

- Automation of boiler and heat stations
- Heat energy consumption accounting

Railways

- "Passenger - train driver" intercoms
- Broadcast sound amplifier
- Railway automation

Our businesses

Remote control & Monitoring

- Water pump stations
- Technological processes
- Boilers

Lighting

- Smart remote streetlights management
- Architectural lighting management

Meters

- ECU for smart gas meters
- Gas metering software
- Pulse counters for metering

Test equipment

- Refrigeration production
- Electrical safety check

Main skills

Electronic devices
- Schematics and PCB design
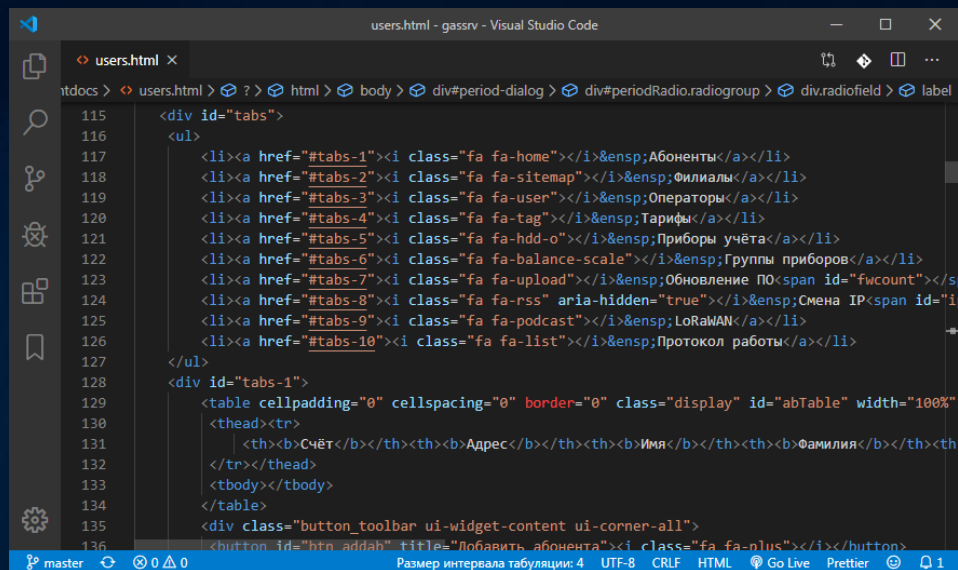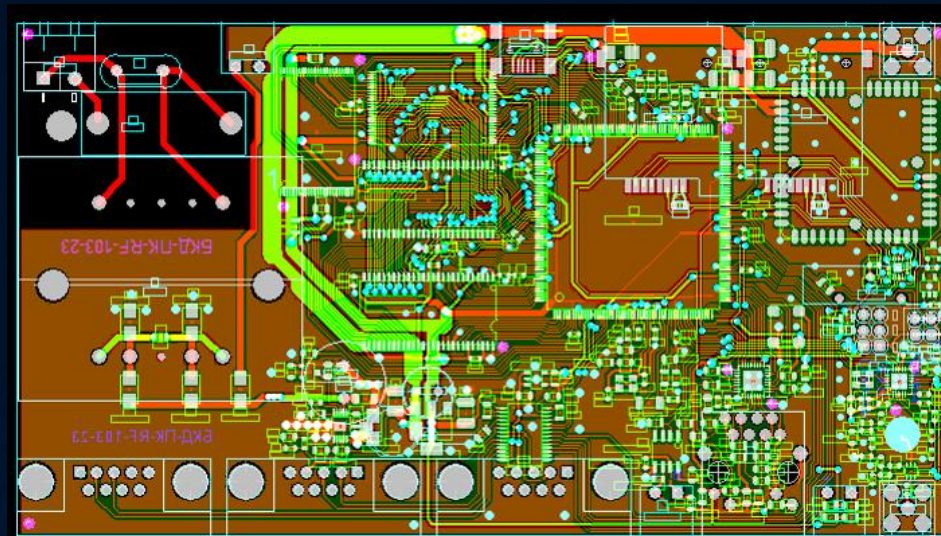- Calculations
- Logic simulation

Wireless technology
- GSM/GPRS/3G/LTE
- GPS/GLONASS
- LoRaWAN

Fieldbus
- Modbus / MBus / CAN

Programming
- Applications for Windows / Linux
- Database development
- Networking applications
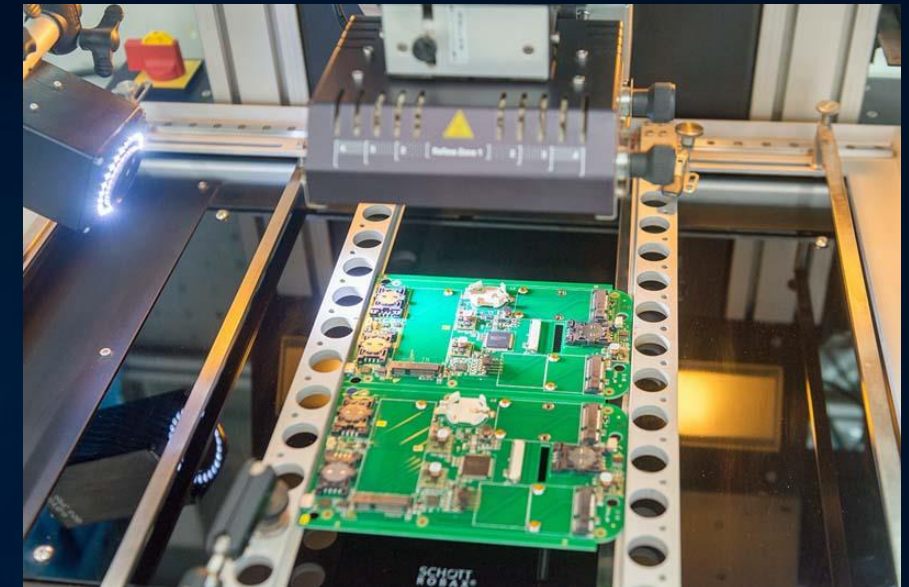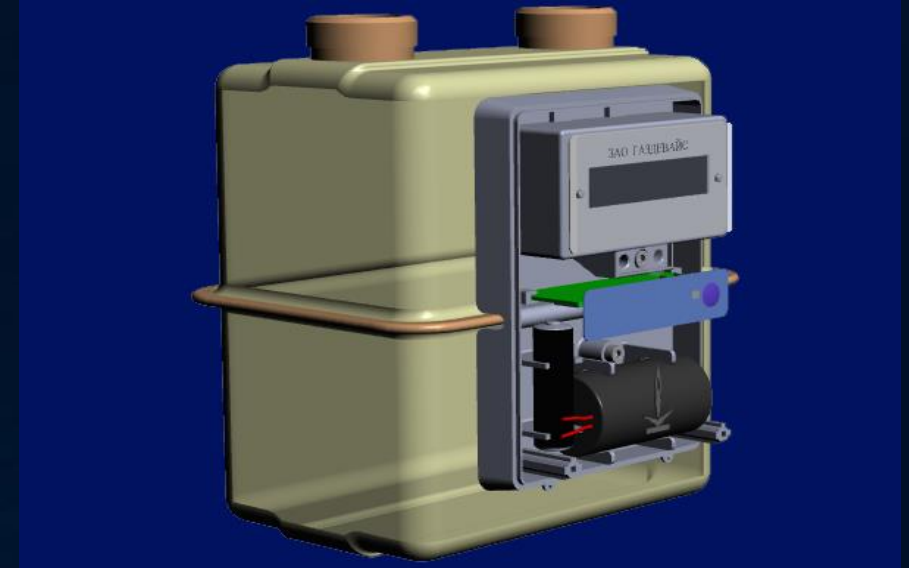- Embedded software
- WEB programming

Main skills

Design
- Design documentation
- 3D Modelling
- Preproduction
- Paperwork

Production
- Pilot and mass production
- Testing and validation

Certification
- Preparation of documentation
- Participate in the tests

Customers

Moscollector
Moscow City communication collectors operator

MOS OTIS
Elevators, escalators and moving walks

Shindler Russia
Elevators and escalators

Danfoss Russia
Heating, Cooling, Drives, Pumps, Power Solutions...

Mossvet
Outdoor lighting, architectural and artistic lighting, festive and decorative illumination

Ural Locomotives
Joint Venture established in 2010 by Sinara Group and Siemens AG for the joint manufacture of rolling stock

GazDevice
Gas meters for domestic and municipal use

MOSOBLGAZ
One of the largest gas distributing companies in Russia

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