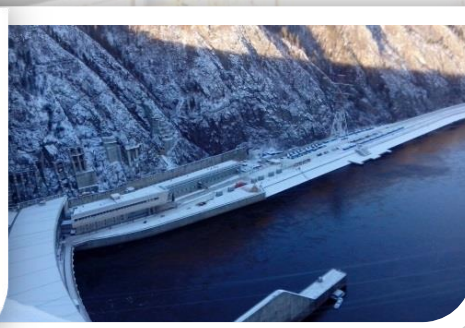


Bureau of Industrial Automation LLC



Oil production and refinery

Petro chemistry

Gas production and treatment

Power industry



CORE BUSINESS

«BPA» is an independent engineering company rendering comprehensive service in automatization of production processes, online control systems, power supply systems since 2002.

Industries:

- **Oil and Gas (downstream and upstream);**
- **Power Generation**
- **Power Transmission and Distribution;**
- **Metallurgy;**
- **Petrochemistry;**
- **Mining;**
- **Transport;**
- **General purpose solutions.**

BPA today

«BPA» – professional engineering company in automated process control

Major subject – PCS, ESD systems

in fields: oil production and refinery, petro chemistry, gas production and treatment, power industry

13 years experience

Staff 200 persons.

GEO presence:

5 states –

Russia

Kazakhstan

Azerbaijan

Uzbekistan

Turkmenistan

9 cities in Russia –

Moscow

Nizhniy Novgorod

Veliky Novgorod

Almetievsk

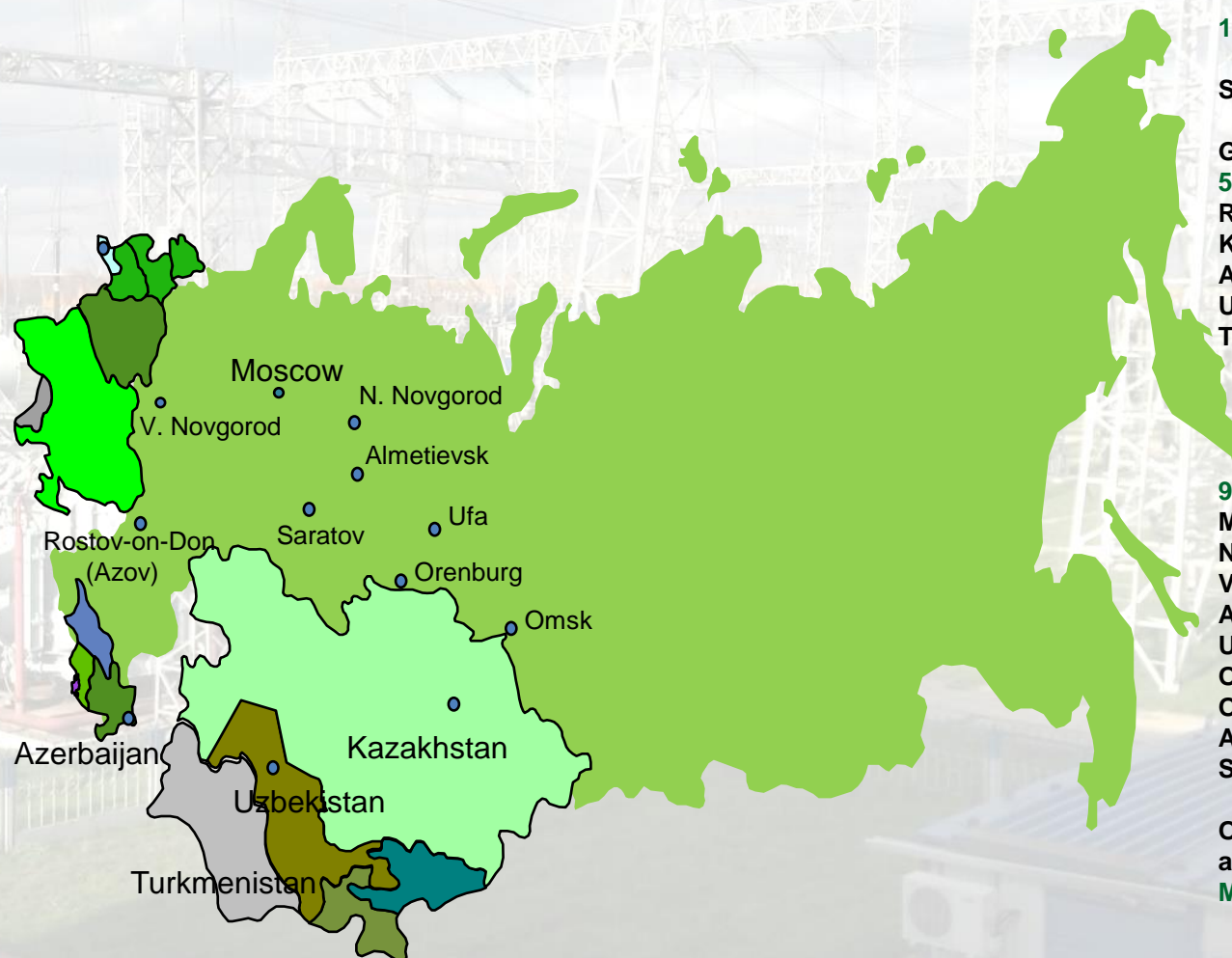
Ufa

Orenburg

Omsk

Azov

Saratov



**Own production unit
and warehouse near
Moscow**

Organization chart

In Russia «BPA» consists of head office and 8 regional branches

Production block:

- ☐ Project management department;
- ☐ Design department;
- ☐ Software development department;
- ☐ Acquisition and supply department;
- ☐ Assembly area in Moscow;
- ☐ Construction works areas in Saratov, Ufa, Azov;
- ☐ Commissioning area in Almetievsk, Tatarstan.

Commercial block:

- ☐ Marketing department;
- ☐ Financial department.

In company has been implemented quality management system in accordance with GOST R ISO 9001:2011 .

Training courses

«BPA» staff is high qualified engineers and workers. All engineers have certificates from vendors.

Training courses list:

- ❑ I/A Series Configuration (Invensys Systems) - 16 persons.
- ❑ Trident maintenance Tristation 1131 Developer's workbench (Triconex) – 8 persons.
- ❑ PLC ControlLogix 5000 and Programming Software RS Logix5000 (Rockwell Automation) – 14 persons.
- ❑ Simatic, PCS7 (Siemens) – 10 persons.
- ❑ Centum CS 3000R3 (Yokogawa) – 3 persons.
- ❑ InTouch (Wonderware) – 8 persons.
- ❑ Operation and maintenance service of the PowerFlex 7000 drives (Allen Bradley) – 3 persons.
- ❑ Low voltage electrical equipment (Schneider Electric) – 7 persons.
- ❑ CAD EPLAN – 8 persons.

Company policy in professional development includes: scheduled training courses, participation in exhibitions, seminars, conferences.

Panel assembly

Our ISO-9001:2011-certified manufacturing process works in accordance with customer requirements and system requirements.

All panels are manufactured in accordance with the specifications and brand preferences provided by the customer.

Some of the panels we produce are:

- Machine and system automation panels;

- MCC (Motor Control) panels;

- PLC and DCS;

- LV main distribution panels;

- Compensation and harmonic filter panels;

- Command and control panels.

«BPA» has total assembly area about 1 000 square meters.

It includes:

- warehouse for components, parts and material;

- premises for machining and packing;

- assembly shop;

- testing and FAT area;

- engineering office.

There are machine tools, printers for marking wires and terminals, individual working tools.

There is electric and FAT laboratory, which has Rostehnadzor certificate.

Staff:

- Designers – 17 persons;

- Assemblers – 12 persons;

- Quality supervisor – 3 person;

- Electric laboratory supervisor – 2 person;

- Logistics – 6 persons.

BPA assembly area and warehouse

✓ Labeling area



✓ Machines for buses



✓ Warehouse



✓ Assembly area



BPA competence

«BPA» can fulfill **main contractor** functions and deliver PCS.

Engineering service scopes:

- ☐ survey and valuation
- ☐ selection of instrumental, PCS
- ☐ development of requirements specification, feasibility study
- ☐ basic and detail engineering
- ☐ equipment procurement
- ☐ development and adaptation of software
- ☐ construction works
- ☐ supervision, commissioning
- ☐ personnel training
- ☐ maintenance

Own production facilities for electric cabinets assembling let to implement individual customer requirements in short terms.

SERVICES and ACTIVITIES

- Inspection of automation and control systems on site
- Assessment of automation solutions regarding industrial safety
- Preliminary design studies of automation and control systems
- Design of DCS and ESD systems
- PLC, SCADA, DB software development and implementation
- Design of power supply solution (AC and DC), UPS
- Procurement and delivery of control systems components
- Production of control cabinets, work stations, power supply systems, MCC, ATS, distribution cabinets, cable systems
- Installation on site, wiring, calibration
- Project Management, adjustment and commissioning
- Service and Maintenance

Vendor	Major subject
Rockwell Automation	Controllers, control systems, VFDs
Siemens, Schneider-Electric, ABB	Electrical equipment, power supply and distribution
Wonderware	Software, SCADA
Invensys Systems	Triple controllers for safety systems, turbo machinery anti surge control, DCS
GUTOR Electronic	Industrial DC, UPS, chargers
Rittal	Cabinets
Emerson, Jumo, Krohne, Endress & Hauser, Foxboro, DS controls, IBC Praha	Instrumental equipment, control valves, on-off valves
GM International	Intrinsically safe equipment
Phoenix Contact	Clamps, plug-and-sockets, power supplies

Main BPA partners

**Rockwell
Automation**

SIEMENS

Honeywell

**Schneider
Electric**

GUTOR



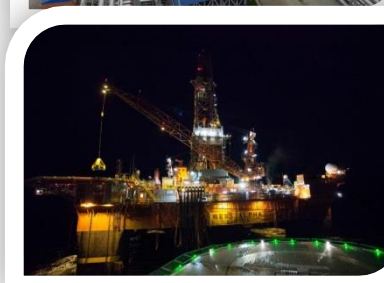
ABB



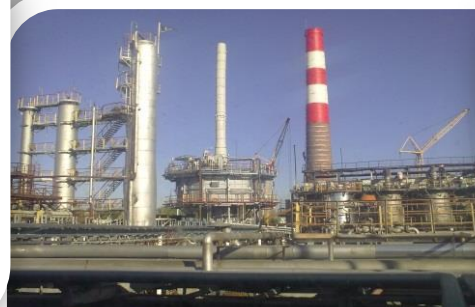
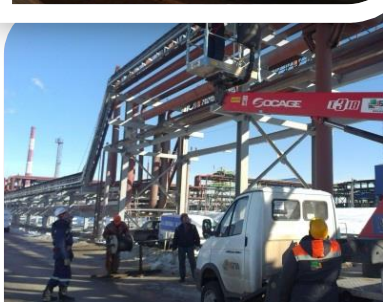
**Energy
Automation**



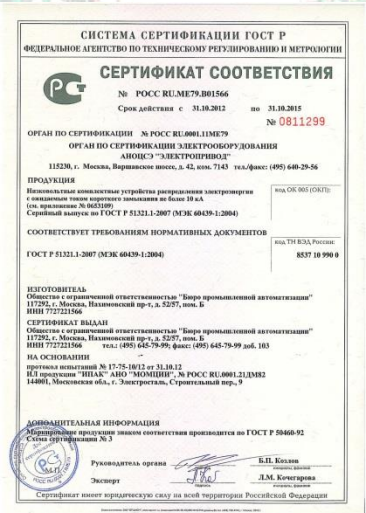
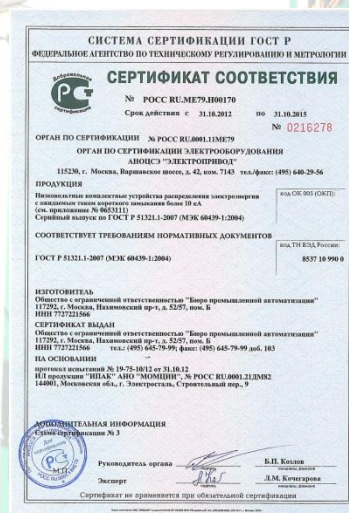
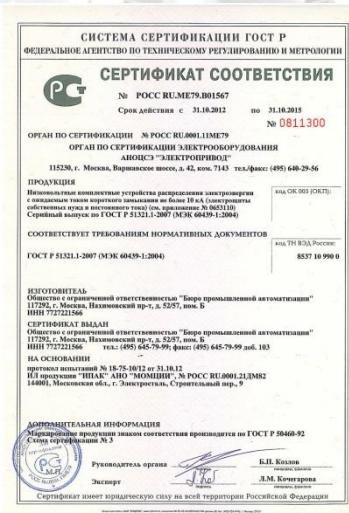
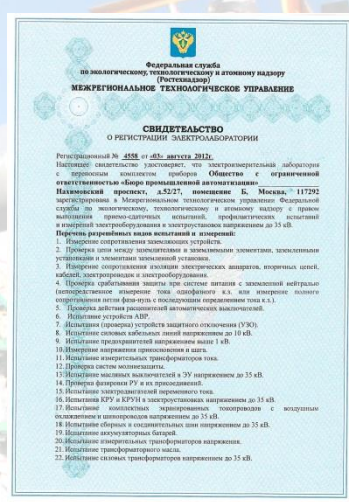
ОБЩЕСТВО С ОГРАНИЧЕННОЙ
ОТВЕТСТВЕННОСТЬЮ
ПромПроект



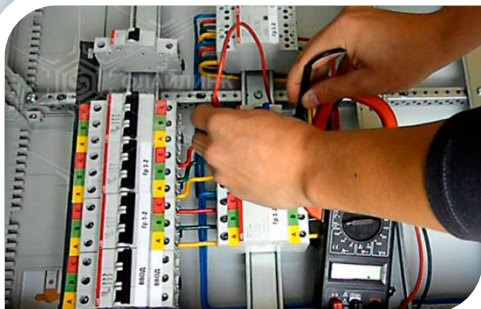
Main BPA Customers



Licenses and Certificates







THANK YOU !

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