



PRODUCTION
OF VALVES



DIGITAL LEVEL
TRANSMITTERS



ULTRASONIC
FLOW METERS



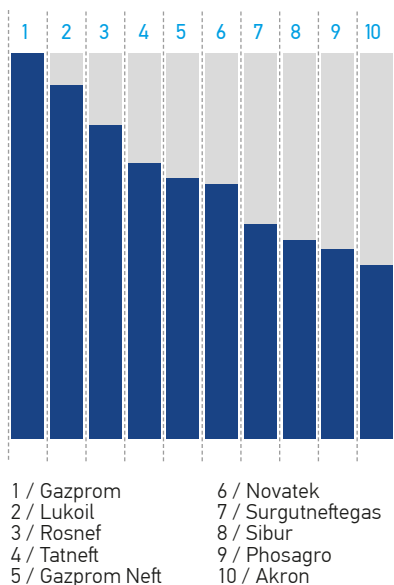
PUMP UNITS



SERVICE AND
AUTOMATION



DS CONTROLS



COMPANY

DS Controls is the leading Russian manufacturer of control, relief, on/off and shut-off valves. Since 1998 the range of manufactured valves has been completed with products for high-pressure operation and complicated conditions of use in technologies of petrochemical industry, helium refining, technologies of transport and gas liquefaction. The efficient production, use of modern technologies in equipment production, and availability of qualified personnel enabled the company to take the leading position in supplying valves and fittings for technological processes developed by foreign and domestic licensors in oil refining, gas, chemical and other industries of the Russian Federation and the CIS. Along with equipment supplies, customers are offered a full range of aftermarket services: installation supervision, training of the customer's personnel, diagnostics, periodic maintenance, supply of spare parts, repair in a specialized service-center or at the customer's facility performed by the qualified personnel. In the years of DS Controls operation, the company has supplied over 120 000 products.

CREATION

The company was founded in 1998.

LOCATION

Veliky Novgorod (northwestern federal district).

PRODUCTION

5460 m² + warehouses and offices of over 3475 m²

EMPLOYEES

The company has more than 200 employees.

SERVICE

11 authorised service centres.

REPRESENTATIVE OFFICE

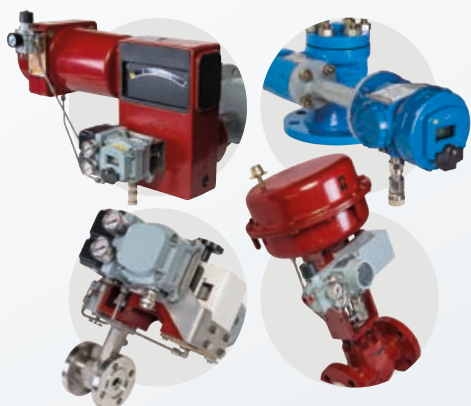
20 authorised representative offices across Russia and the CIS.

COMPANY EXPANSION

In 2013, the company introduced new production capacities which enabled to continue growing new volumes of production and to increase massdimensional parameters of manufactured equipment. The valves assembly and testing shop is equipped with modern technological pneumatic and hydraulic benches, as well as with required lifting devices. Machining area is equipped with CNC machines; the shop of argon arc welding, modern paintspraying booth and advanced cooperation provide the core operations with parts and units.

DELIVERY

Since the beginning of 2014, the company introduced the quick ship program for standard control and shut-off valves with the manufacturing time no more than 8 weeks. There is a dedicated stock in DS Controls facility of the components for quick valves assembly in compliance with the quick ship program; the orders placement and documentation approach and methods have been reconsidered and improved.



IMPORT SUBSTITUTION

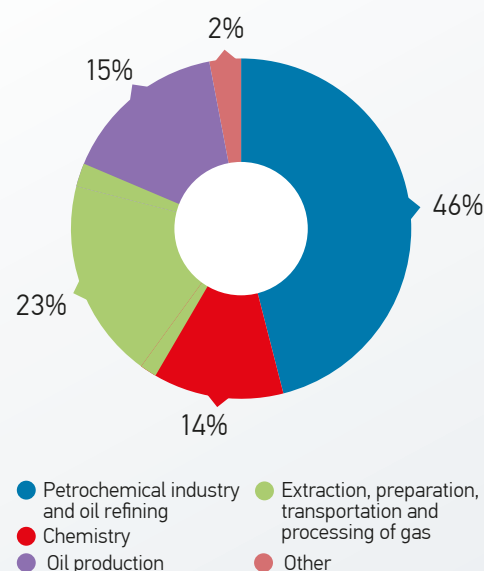
From 2006, the company is an active participant of import substitution programme. During this time, we managed to tune up the production of shut-off and control valves based on specific customer requests: antisurge valves, shut-off valves with metal-to-metal sealing and tightness class A according to GOST, control valves for complicated conditions of use etc. We started to manufacture safety valve units with switching devices. All manufactured equipment is made of materials that meet the NACE requirements in terms of resistance to hydrogen sulphide.

QUALITY

DS Controls products meet all the requirements of the legislation of the Russian Federation and have all the required permits:

- certificates and declarations of conformity to the requirements of technical regulations of the Customs Union (CU TR 010/2011, CU TR 012/2011, CU TR 020/2011, CU TR 032/2013);
- approval certificates for measuring tools;
- certificates of standard valve approvals of the Russian Maritime Register of Shipping.

Control, shut-off and antisurge valves passed the tests on a specialised testing area and are recommended for use at Gazprom facilities. The equipment can be used in circuits with SIL2 and SIL3 reliability levels. All the received component parts and finished products undergo 100% control for compliance with the requirements of regulatory documents and customer requests. We introduced a management system comprising: quality management system (ISO 9001), system of eco management (ISO 14001) and occupational health and safety management system (OHSAS 18001). Digital level transmitters DLT-01 before delivered to customers are run for 360 hours and have a check up interval of 4 years.



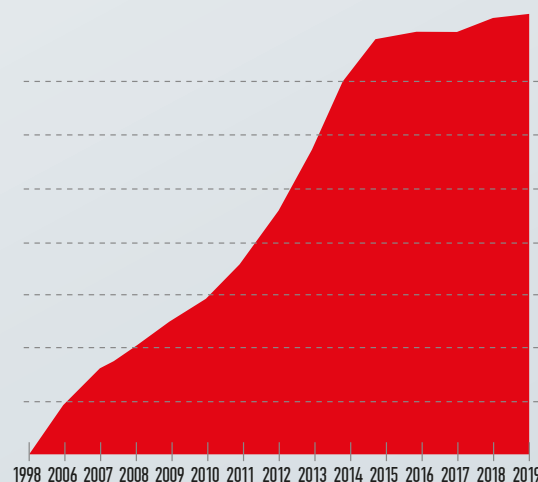
DS Controls management system is certified for its compliance with the requirements of **ISO 9001:2015** since 2003.



SERVICE

The aftermarket service department of DS Controls carries out all range of warranty and post warranty activities: repair and maintenance of control, shut-off and on-off valves. The company's specialists will perform valves diagnostics using modern equipment, including diagnostics without disassembling valves with the use of mobile diagnostic tools or through a control system. Diagnostics enables to minimise the possibility of unscheduled repair work and expenses for technical maintenance, as well as to prepare for scheduled maintenance on time. Based on the work performed for planning and optimisation of equipment repair, DS Controls specialists provide the Customer with recommendations on periodicity and volume of valves to be maintained. If necessary, DS Controls service centres perform equipment repair work with warranty extension. Availability of a spare part stock enables to carry out all necessary work promptly. Service centres provide customer personnel training on assembly, operation and maintenance of valves on a regular basis. On agreement with the Customer, service engineers can visit facilities during the assembly of equipment to provide work monitoring and express training of specialists in the basics of correct operation of equipment.

DS CONTROLS Sales volume



DS CONTROLS in RUSSIA

and CIS



Why choose us

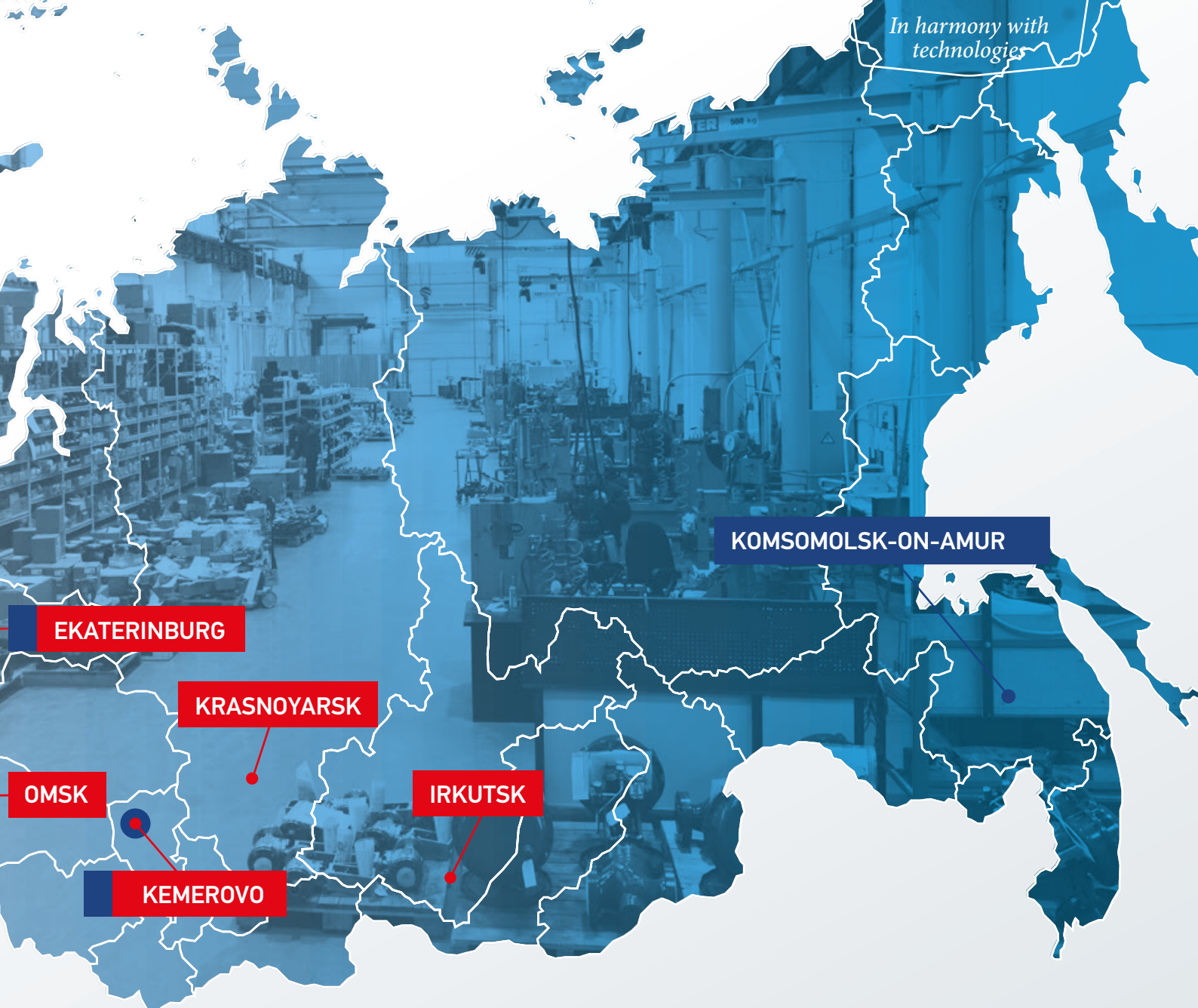
Manufacturing areas, warehouses with a required stock of component parts in the Russian Federation, (Veliky Novgorod).

Fast production and short delivery time (from 1 week).

Vast experience in manufacturing and supplying valves taking into account climatic conditions, rules and regulations of technical supervision in the Russian Federation and the CIS.



In harmony with technologies



EKATERINBURG

KRASNOYARSK

OMSK

KEMEROVO

IRKUTSK

KOMSOMOLSK-ON-AMUR

■ Representatives

■ Service centres

Use of the most advanced technologies in valves under an exclusive license agreement with the approval of leading Russian and foreign licensors.

High performance parameters of manufactured equipment meet customer requirements when passing to a 2, 3 and 4-year long interrepair cycle.

Possibility to use equipment in management systems of any manufacturers.

Equipment meets all the requirements for creating modern unmanned technologies.

Package deliveries of valves, including those based on technologies of foreign licensors.

Warranty and post-warranty maintenance, diagnostics of valves on the customer's facility, postwarranty repair work.

Broad regional network of authorised service centres and

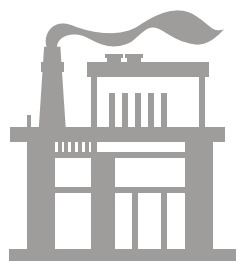
official representative offices in the Russian Federation and neighbouring countries.

Highly-qualified engineers for calculation and selection of valves and service specialists.

Regular theoretical and practical trainings for customers and design centres.

Production, cooperation and logistics possibilities enable to implement projects of any size and complexity.

DS CONTROLS TODAY



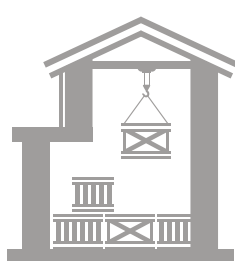
NEW
MANUFACTURING
AREAS

5460
m²



OFFICES

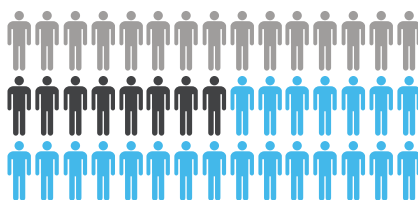
2000
m²



WAREHOUSES

1475
m²

200
employees



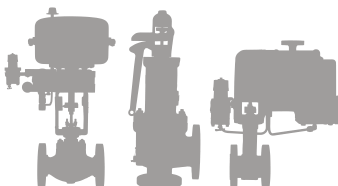
INCLUDING:

engineering
positions
40
persons

production workers
more than
90
persons

Quantity of supplied products
OVER

120000 >



CLASSIFICATION OF PRODUCTS, PERSONNEL EXPERIENCE,
PRODUCTION CAPACITIES AND ORGANISATION OF
LOGISTICS ENABLE TO TAKE PART IN PROJECTS OF
ANY SIZE AND COMPLEXITY

HISTORY AND ACHIEVEMENTS

1998

June 4, 1998 – state registration of the Company. Delivery of the industrial equipment and first kit from Dresser. Beginning of the manufacturing activities of the Joint Venture. Manufacture and delivery of first Camflex valves.

1999

Implementation of first large orders –AT-6 unit for Kinef.

2000

Start of 21000 series valves manufacturing. First joint projects with the largest Russian engineering companies, delivery of ball valves for the pipeline "Mirny – Aykhal – Udachny". First deliveries for the chemical industry.

2001

Launch of a new product digital level transmitter, displacer type. First deliveries to the CIS countries. Delivery of control valves and digital level transmitters for Nizhnekamsk Refinery under construction.

2002

Acquisition of the building and placement of manufacturing and storage premises there. Beginning of valves delivery for chlorine application. Start of new products manufacturing: micro-flow valves series 28000. Opening of a new regional representative office. First deliveries to the metallurgic market, pulp and paper industry as well as food industry.

2003

Purchasing of CNC machines and creation of machining area. First deliveries of valves for oil extraction processes. Fulfillment of the first package deliveries of control and shut-off valves, digital level transmitters for "Beregovoi" field and halobutyl rubber plant "Nizhnekamskneftekhim".

2004

ISO 9001 Certificate is received. Start of manufacturing of control and shut-off valves with electric actuators. Delivery of safety relief valves assemblies with change-over valves.

2005

Creation of the service department. Opening and equipping of the service center in Veliky Novgorod. Execution of the first control valves diagnostics orders. First deliveries to off-shore platforms.

2006

Putting into operation of new manufacturing premises, furnishing of manufacturing with technological equipment. Expansion of representative offices in the Russian Federation and the CIS countries. Creation of selection, application and technical support department for special valves used in severe services, and for digital equipment.

2007

Construction and putting into operation of new offices. Opening of the service center in Leninogorsk (Tatarstan). Beginning of steam condition control valves delivery and supply of the equipment which enables to carry out diagnostics via the leading manufacturers' control systems. Implementation of large reconstruction projects of ammonia and carbamide installations.

2008

Start of control valves manufacturing with Fieldbus protocol control; shut-off valves with positioners which ensure diagnostics at the partial stroke test. Implementation of the de-superheating devices selection and application program. Beginning of de-superheaters (series DS) delivery. Acquisition of the hydraulic test bench to test valves up to PN 160. Beginning of supply of anti-surge and special control valves for compressor stations.

2009

A big order won for "LUKOIL": construction and re-construction of the technological units "Nizhegorodnefteorgsintez" and "Volgogradneftepererabotka". The frame contract has been concluded with LUKOIL (DS Controls is included into the short vendor list).

2010

Announced the manufacturing of the digital level transmitter (DLT-01) new version and the safety relief valve series 1900 Universal. Two agreements have been signed on creation of the regional service centers in Nizhniy Novgorod region and Ryazan.

2011

Big orders are received for:
– Gazprom Dobycha Shelf
– Acron
– Nyagan GRES
– Taneco
– LUKOIL-Permnefteorgsintez
– Vankorneft
– Gazpromneft Omsk Refinery
– LUKOIL-Stavrolen
– Achinsk Refinery
The company opened service centres in Perm and Sverdlovsk Regions.

2012

The big orders are received for:
– LUKOIL-Permnefteorgsintez
– LUKOIL-Stavrolen
– LUKOIL-Ukhtaneftepererabotka
– LUKOIL-Nizhegorodnefteorgsintez
– Sibur Tomskneftepererabotka
– Achinsk Refinery
– Taneco
The company took part in mitigating the consequences of an accident at Lukoil-Stavrolen. A production of valves of 41k series is launched.

2013

Launch of new manufacturing area enabling to start obtaining licenses to manufacture safety valves.
The big orders are received for:
– Achinsk Refinery
– LUKOIL-Permnefteorgsintez
– LUKOIL-Stavrolen
– LUKOIL-Volgogradneftepererabotka
– LUKOIL-Nizhegorodnefteorgsintez
– Novokuibyshevsk Refinery
– LUKOIL-Nizhnevolskneft

2014

There is a dedicated stock in DS Controls facility of the components for quick valves assembly in compliance with the quick ship program; the orders placement and documentation approach and methods have been revised and improved. The volume of executed orders exceeded 4 billion roubles.

2015

A modern paint-spraying booth is launched at the company's manufacturing facility. The company received orders for:
– LUKOIL-Volgogradneftepererabotka
– Tatneft
– TomskNeftehim
– Novokuibyshevsk Refinery
– Kinef
– Rospan International
– Afipsky Refinery

2016

The big orders are received for:
– Gazprom Dobycha Noyabrsk
– Gazprom pererabotka

2017

Serial production of butterfly valves MAK series and change over devices was entered. Blowoff valves 41k series, as a part of station piping of GPU-C-6,3/56 №4 compressor shop – 2 Storozhevsky LPMoMP, Gazprom Transgaz Saratov, successfully passed tests.
The big orders are received for:
– Gazprom Dobycha Noyabrsk
– Rospan International
– Tatneft
– Omsk kauchuk
– Gazprom neftehim Salavat

2018

Additional service centers have been opened in Perm, Krasnodar,

Novokuibyshevsk. Service centers are completed with training classes, equipped according to the advanced technical solutions in the field of service and diagnostics of shut-off, control and safety valves. The spare parts supply program during scheduled outage has been developed for large plants.
The big orders are received for:
– Omsk refinery
– Achimgaz
– Ufaneftekhim

2019

Development of new directions of the company:
– Delivery of centrifugal pumps according to API 610;
– Development of supplies in the nuclear energy industry.
A new test stand for user acceptance testing has been put into operation, range DN 300...800 mm/PN 15...63 MPa.
Certify welding inspectors for measuring section with DN up to 1020 mm and wall thickness up to 20 mm.
The big orders are received for:
– Yamal LNG
– Gazprom LNG Portovaya
– Achimgaz
– Slavneft-YANOS
– LUKOIL-Nizhegorodnefteorgsintez
– Tatneft



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