







**TAGRAS**® oilfield services company









## **ABOUT US**

TAGRAS is a diversified Russian holding that incorporates enterprises with a half-century history in oil and gas field service market. We are proud of our experienced and competent specialists, modern manufacturing facilities, innovative equipment and digital products.

TAGRAS is a technology leader in oil and gas services market in Russia. We systematically enhance the capabilities of our production potential, increasing the use of advanced high-tech equipment, digital solutions and innovative technologies.

#### **OUR MISSION:**

At the interface of technology and experience, we find efficient solutions in providing a full package of services for the oil and gas industry.

#### **OUR VALUES:**

- Responsibility
- Safety

• Team

- Innovation
- Efficiency

#### OUR **PRINCIPLES:**

- We never violate the law and rules and stop the others from doing it
- We study customer needs and offer the best solutions
- We protect our company, country and planet resources
- We welcome new ideas and efforts.
- We are goal-oriented company





#### MAIN ACTIVITIES:

 Oil exploration using modern onshore and offshore seismic exploration methods. Field geophysics and geoinformation systems; Interpretation of data acquired during seismic and well logging operations; manufacture and development of innovative geophysical tools and equipment

Hvdraulic fracturing

Drilling of directional and horizontal oil & gas wells, of various categories of difficulty. Technological operations for sidetracking and horizontal sidetracking

A wide range of high-tech integrated well construction services: drill bit services, cement slurry services, geosteering wellbore drilling support, drilling supervising, drilling problems elimination using expandable casing

Workover and well servicing

 Oil production equipment rent, repair and maintenance (surface and downhole). manufacture and maintenance of drilling and well servicing equipment

Coiled tubing, wireline and chemical container technologies

 Manufacture of anti-corrosion and heat-insulated pipes and fittings for oil and gas pipelines, heat supply systems (external, internal anti-corrosion coatings of pipes and fittings)

 Maintenance of electric submersible pumping units, reservoir pressure maintenance system, production of submersible cable for electric submersible pumping units

 Manufacture of well construction equipment: PDC bits, expandable casing, equipment for sidetracking

# TOTAL NUMBER OF HOLDING EMPLOYEES:

Motor ways construction, reconstruction, repair and maintenance, access roads provision for oilfield units; wellsite engineering

- IT infrastructure support and maintenance
- Staff agency
- Implementation of cybersecurity solutions
- Provision of cargo transportation, including on curtain-sided trucks along entire Russia

cable for electric submersible pumping units

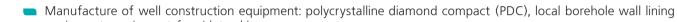
Maintenance of electric submersible pumping units, reservoir pressure maintenance system, production of submersible

- Arrangement of oil and gas fields, construction of oil and product pipelines, field infrastructure facilities
- equipment, equipment for sidetracking

Specialized transportation services

- Electricity and heat supply to oil recovery facilities; maintenance of electric power facilities

TAGRAS oilfield services





**GEOPHYSICAL STUDIES** 

AND SEISMIC SURVEYS

MACHINE BUILDING AND SERVICES FOR **OILFIELD AND DRILLING EQUIPMENT** 





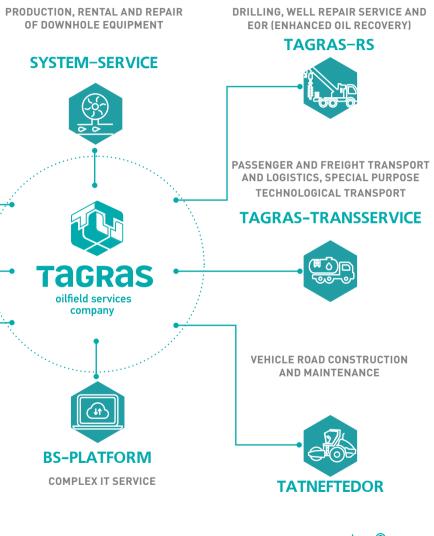
**CONSTRUCTION AND REPAIR IN** INDUSTRIAL ENGINEERING AND ENERGY SECTOR

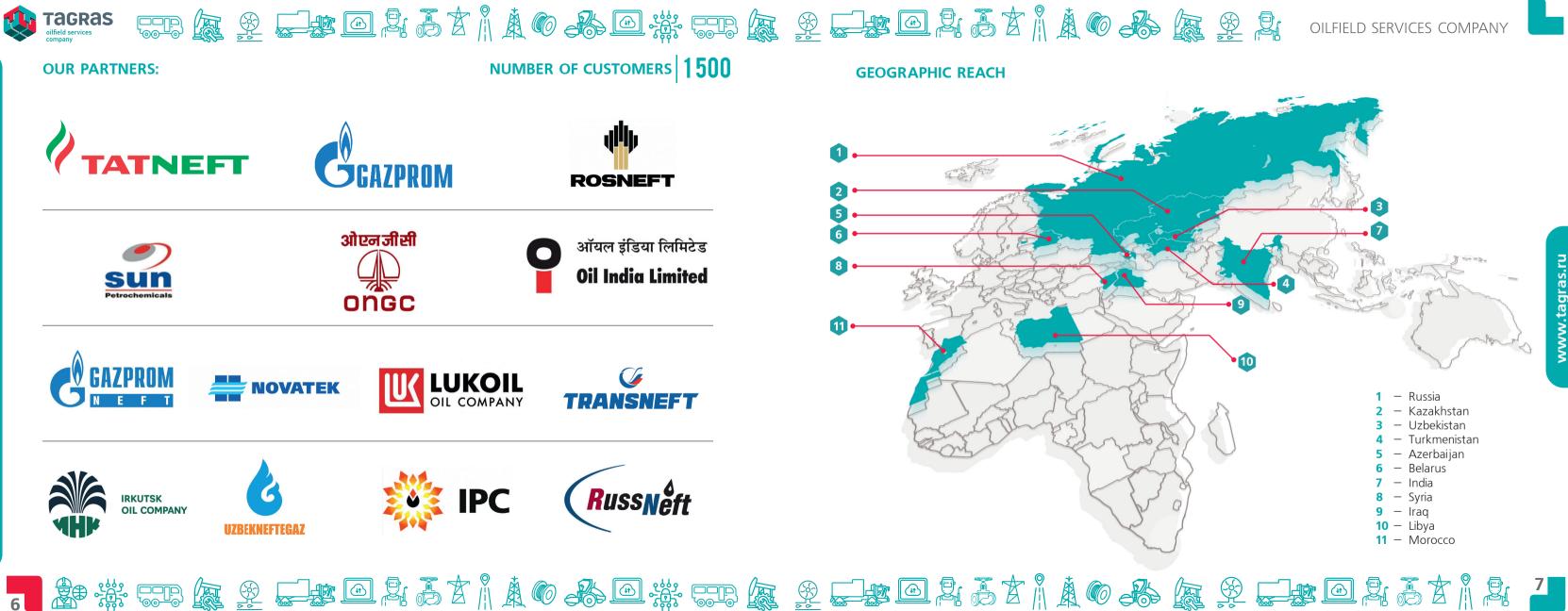


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### **GEOPHYSICAL STUDIES** AND SEISMIC SURVEYS

**TNG-GROUP** division specializes in seismic survey services, including sea areas; geophysical support and construction of exploration, prospecting and production wells; secondary formation exposing.

TNG-GROUP effectively processes and interprets seismic data, solves problems in the field of vertical seismic profiling.

Number of employees: 5604

#### **MAIN ACTIVITIES:**

- Prospecting and exploration of oil and gas fields, nonmetalliferous minerals applying onshore 2D, 3D, 3D-3C, 4D data acquisition, offshore and TZ seismic data acquisition, electric prospecting, gravity prospecting, magnetic prospecting, aerospace decoding
- Geophysical support of well drilling and workover, oil and gas fields development control by geophysical well logging methods
- Geosteering support during well drilling operations, IT-support
- Borehole seismic surveys by VSP, offset VSP, polarization method VSP
- Microseismic monitoring during hydraulic fracturing
- Processing and interpretation of geophysical data, supervision Development and implementation of geophysical research methods, PC software





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# **TECHNICAL CAPABILITIES:**

 seismic prospecting crews logging crews geotechnical well testing crews geological steering crews **b** vertical seismic profiling\offset profiling surveys

**3** computer centers for **200** workstations

# **AVERAGE ANNUAL INDICATORS:**

<ul> <li>Seismic data acquisition capacity (2D)</li> </ul>	1 196 linear km
<ul> <li>Seismic data acquisition capacity (3D)</li> </ul>	6778 sq.km
Well logging capacity	32273 wrk
<ul> <li>Processing and interpretation of seismic data (2D)</li> </ul>	3 145 lin km
<ul> <li>Processing and interpretation of seismic data (3D)</li> </ul>	7 290 sq.km

The winner of the national rating of oilfield services companies (target Russian market)

Oilfield geophysics 2021

Seismic exploration 2022

Seismic acquisition 2023













## WELL DRILLING SERVICE, HYDRAULIC FRACTURING, **COILED TUBING, CEMENT SLURRY SERVICES**

TAGRAS-RS division specializes in comprehensive services at all stages of well development life-cycle, has many years of experience, modern technologies, equipment, materials, as well as highly gualified personnel to solve complex customer problems.

Number of employees: 2879

#### **MAIN ACTIVITIES:**

- Drilling, sidetracking, slim well construction
- Hydraulic fracturing and acid fracturing, multi-stage fracturing
- Coiled tubing technology, wireline-container technologies
- Reconditioning and workover of well, well completion
- Drilling mud preparation and services
- Cementing services



The winner of the national rating of oilfield services companies (target Russian market)

Sidetracking 2021

Hydraulic fracturing 2022

ROSNEFT Best contractor of PISC NK Rosneft

Coiled tubing 2021

Hydraulic fracturing 2022





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## **TECHNICAL CAPABILITIES:**

21 crew
11 fleets
7 fleets
60 sites
20 crews
<b>3</b> fleets
8 mud
330

nstruction of traditional vertical and horizontal wells	81 wells
nstruction of casingless completions	150 wells
teral and horizontal sidetrack drilling operations	72 wells
draulic fracturing services	2730 operations
iled tubing units services	1337 wells
oviding technological services using software platform	190 wells
reline and chemical container technology services	1608 processes







### MECHANICAL ENGINEERING, **PRODUCTION AND SERVICE**

**TMC GROUP** the mechanical engineering division of the Holding, as well as a leading Russian manufacturer of machinery and pipe products. Provides a full range drilling equipment services as well as anti-corrosion and heat-insulating coating services for pipelines and pipeline products.

# Number of employees: 1099

#### **MAIN ACTIVITIES:**

- Manufacturing of machinery, oilfield and drilling equipment (pumping machines, hydraulic drives of a downhole rod pump with smart control station, wellhead and shut-off valves, well filters, packers), metal structures according to customer requirements
- Manufacturing of casing and tubing pipes, including tubing with premium threads
- Manufacture of couplings for casing and tubing
- Manufacture of anti-corrosion and heat-insulated pipes and fittings for oil and gas pipelines, product pipelines and heat supply systems (external, internal anti corrosion coatings of pipes and fittings)
- Maintenance and repair of machinery, oil-field, drilling and downhole pumping equipment
- Diagnostics and overhaul of drill pipes
- Design and construction of technological lines for diagnostics and repair of tubing pipes and sucker rods





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#### **TECHNICAL CAPABILITIES:**

Production and repair workshops of machinery, oilfield and drilling equipment

 Casing couplings manufacturing sites equipped with modern turning machines with computer numerical control (CNC) centers

Tubing and casing production lines

Lines for external pipe insulation

Lines for pipes internal coating

Lines for pipes thermal insulation

Line for shaped products insulation

### **AVERAGE ANNUAL INDICATORS:**

<ul> <li>Manufacturing of oilfield and drilling equipment</li> </ul>	more than	10000 pcs.
<ul> <li>Repair work on oilfield and drilling equipment</li> </ul>	more than	20000 pcs.
<ul> <li>Manufacturing of pipe products</li> </ul>	over	600000 km
<ul> <li>Manufacturing of pipes in anti-corrosion and there insulated version</li> </ul>	mally more than	1600 km
<ul> <li>Manufacturing of pipeline parts and components</li> </ul>	more than	100000 pcs.



Diploma and silver medal «ARCHIMEDES - 2023»









#### **PRODUCTION, RENTAL AND REPAIR SERVICES OF OIL-SUBMERSIBLE EOUIPMENT, AS WELL AS WELL CONSTRUCTION SERVICES**

**SYSTEM-SERVICE** division is a modern, high-tech, diversified enterprise that provides services in the field of well construction, oil production and reservoir pressure maintenance

# Number of employees: **1559**

#### **MAIN ACTIVITIES:**

- Field service of electric submersible pumps installations, high-pressure pumping units of centrifugal type, horizontal pumping units and positive displacement pumps for the reservoir pressure maintenance system
- Providing services for drilling bits and hydraulic downhole motors, telemetric support, sidetracking and isolation of drilling trouble zones using equipment for local fixation of well walls
- Manufacturing and repair of oil submersible equipment, hydraulic downhole motors, drilling bits and cabling and wiring products





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#### **TECHNICAL CAPABILITIES:**

stallations of electric submersible pumps (ESP)	8434 pcs.
imping units of RPM (reservoir-pressure maintenance system)	575 pcs.
/draulic DDM	281 pcs.
ller and PDC bits	600 pcs.
moring lines of oil submersible cable	7 sets

AGE ANNUAL INDICATORS:	
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intained electrical submersible pump units (ESP)	8050 wells
intained pumping RPM units servoir pressure maintenance)	437 units
nufacture and repair of electro-submersible equipment ectric centrifugal pumps, submersible ctric motors, hydroprotection)	15545 sections
lling bit service	550000 m
lation of drilling trouble zones using equipment local strengthening of walls	<b>4846</b> m
duction of oil submersible cable	6812 km



DIPLOMA IN THE FIELD OF QUALITY 2023

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#### PASSENGER AND FREIGHT TRANSPORT AND LOGISTICS, SPECIAL PURPOSE TECHNOLOGICAL TRANSPORT

**TAGRAS-TRANSSERVICE** division is one of the major core companies in the market of passenger and freight transportation service in the Republic of Tatarstan. The company has a dominant position in the market due to a number of competitive strengths:

- Diversified vehicle fleet
- Well-established system of interaction between the Management company and subsidiaries
- Reliability and high quality of transport services
- Unique and complex approach, safety and efficiency for customers

Number of employees: 3848

#### **MAIN ACTIVITIES:**

- Logistics schemes for passengers and cargo transportation
- Rotational transportation (local and intercity), including all-terrain vehicles
- Passenger transport services
- **L**ong-distance transportation service of cargoes in Euro Trailers
- Cargo transportation services for oil, construction and agro-industrial companies
- Services for petroleum products transportation
- Large-capacity cargo transportation service, loading and unloading service
- Equipment transportation service at a fixed price





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### **TECHNICAL CAPABILITIES:**

- Passenger transport
- Buses, minibuses
- Freight transport
- Cargo-passenger transport, vans
- Large-tonnage transport
- Tilt-covered transport
- Special vehicles

umber of vehicles	2800 pcs.
oduction program	7400 machine hour
otal vehicle mileage o	ver 150 million km
verage age of equipment ab	out 6 years
ustomer base more t	nan 700 customers
ark use ratio	0,7
ansport security systems nd satellite navigation	100%









### CONSTRUCTION AND REPAIR WORK IN INDUSTRIAL CONSTRUCTION AND ENERGY SECTOR

**TAGRAS-ENERGOSERVICE** division specializes in construction, reconstruction and repair in various industries: oil and gas, energy, transport and civil infrastructure.

Number of employees: 900

#### **MAIN ACTIVITIES:**

- Routine maintenance of electrical power equipment and electrical networks, electrical substation equipment of voltage class 6 (10), 35, 110 kV
- Power lines construction 0.4-110 kV
- Maintenance of heat-generating power plants
- Hot water and thermal energy supply of citizenry, industrial companies and budget institutions
- Technical diagnostics of electrical equipment, adjustment and setting of powersystem protection substations
- Commercial security review of technical objects, buildings and structures
- Construction of oil and gas sector facilities: pipelines, and other large industrial facilities for various purposes
- Production of reinforced concrete products
- Supply of electrical and thermal power products (packaged transformer substations, high voltage linear units, boiler houses)
- Manufacture of metal structures for building and industrial purposes according to customer requirements and technical specifications





#### **TECHNICAL CAPABILITIES:**

 Workshops for electrotechnical and thermal power units manufacture and repair (unit transformer substation, high voltage linear unit, boiler facilities)

- Workshop for metal structures manufacture
- Precast concrete products plant
- Electrochemical and metrological laboratories
- Mobile electrical laboratory for high-voltage testing

nstruction of pipelines	102 km
nstruction and reconstruction of substations 110/35/6(10)	12 units
nstruction and repair of overhead lines 6(10) kV	280 km
ckaged transformer substation, management system	190 pcs.
rrent repair and maintenance heat and power equipment	1 580 units
ermal energy marketing	150000 <sub>Gcal</sub>
t and softened water marketing	83000 cu.m.
pair of electric motors	3084 pcs.
pair of transformers	261 pcs.
, pply of reinforced concrete products, ready-mixed concrete	4000 cu.m.











# **ROAD CONSTRUCTION AND MAINTENANCE**

**TATNEFTEDOR** division specializes on motor roads construction and reconstruction, its maintenance and repair. Vehicle Park and qualified well-trained employees that allow performing the entire range of works, from preliminary to final activities, guickly and efficiently.

The road division operates a modern quality control laboratory that applies new technologies for asphalt mixtures recipe selection, in accordance with the current regulatory and technical documents of Russia, taking into account international experience. The division is engaged in the implementation and technological support of the use of new materials.

Number of employees: **1066** 

#### **MAIN ACTIVITIES:**

- Maintenance of roads
- Repair of roads
- Construction of roads
- Own production selling: bitumen-concrete mix; mineral powder; bitumen emulsion



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## **TECHNICAL CAPABILITIES:**

- Asphalt mixing plants
- Railway siding with unloading racks
- Technological line for activated mineral filler mixing
- Bitumen-emulsion plant
- Specialized road equipment vehicle park
- Soil mixing plant

ngth of road maintenance	3457 km
ajor repairs of highways	186 km
onstruction of highways	22 km
oduction of asphalt concrete mixture	389000 tons
oduction of lean mix concrete	<b>256000</b> tons



#### **COMPLEX IT SERVICE**

**BS-PLATFORM** division centrally provides comprehensive IT services: builds and maintains enterprise information security system, maintains and develops information systems and 1C software products. Comprehensively implements innovative IT solutions from concept development to post-project support. The portfolio of the BS-Platform division includes more than 20 services.

Number of employees: 420

#### **MAIN ACTIVITIES:**

- IT infrastructure support
- Maintenance of 1C software products
- Implementation and maintenance of comprehensive information security system of enterprises or a group of companies
- Digital transformation of enterprises
- Implementation, maintenance and development of information systems
- IT infrastructure maintenance
- Implementation of cybersecurity solutions
- Design and consulting
- Recruitment agency





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#### AVERAGE ANNUAL INDICATORS: THE NUMBER OF SUPPORTED INFORMATION SYSTEMS

•	more than <b>JU</b>	units the numbers of supported information system	۱S

• The number of certified specialists **21** people

• Russian FSTEC (Federal Service for Technology and Export Control)

## INFORMATION SECURITY IN NUMBERS

More than 70 simulated phishing emails were sent
More than 100 documents on personal data and critical information infrastructure were updated/created
More than 1200 employees were sent for training
More than 71 800 virus and network attacks were prevented
More than 389 000 security vulnerabilities were discovered

• Malicious files identified by the source detecting system more than 131000 units



# **INDUSTRIAL SAFETY, LABOR PROTECTION, ECOLOGY**

**TAGRAS HOLDING** maintains a high level of industrial, environmental and labor safety. We protect employees from dangerous and harmful production factors. We struggle intensely to eliminate accidents and occupational diseases. We use resources and equipment efficiently.

Industrial and environmental safety activities, as well as labor protection, are performed in accordance with international environmental safety standards:

#### OHSAS 18001:2007 and ISO 14000:2004

#### THE MOST IMPORTANT GOALS OF THE HOLDING COMPANIES IN THE FIELD OF LABOR, ENVIRONMENTAL AND INDUSTRIAL SAFETY PROTECTION ARE:

- Protection of employees from dangerous and harmful production factors, prevention of occupational accidents and illnesses
- Trouble-free operation of equipment and rational use of resources; reduction of negative impact on the environment
- Compliance with the requirements of current legislation in the field of labor protection, industrial safety and environmental protection. Prevention of human health damage, and property and organizations damage where productive activities occur



Industrial hazards and risks identification and assessment, preventive measures to minimize the impact of hazardous and harmful production factors on human health and the environment through the advanced technologies introduction, technical re-equipment, reduction of harmful emissions and waste, creation of safe working conditions

 We conduct internal audits and a detailed analysis on a regular basis, to collect remarks and violations, and immediately take corrective actions against identified remarks and violations

 Effective interaction between administration, union representatives, and public control authorities, based on social partnership principles, in the field of labor protection, industrial safety and environmental protection

 Carrying out activities to improve working conditions and labor protection system improvement



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