



Research and Production  
Company



# 25 years in the market

Company was established in 1997

## Over 50 Successful projects

We develop and create automated systems in



Oil and Gas Sector



Municipal Engineering



Mining Industry



Railway automation



Commercial Utility Metering



Rolling stock management (rail, road, water transport)





# EPCM-Contractor

EPCM (Engineering, Procurement and Construction Management)

Development of design estimates with the approval of the government expert review

Software Development

Supply of equipment from leading global manufacturers

Commissioning Operations

Construction and Assembly

Production of modular package units  
Automation with the RK Certification

Customer's Personnel Training

Delivery of Systems into Production

Warranty and After-sales Service

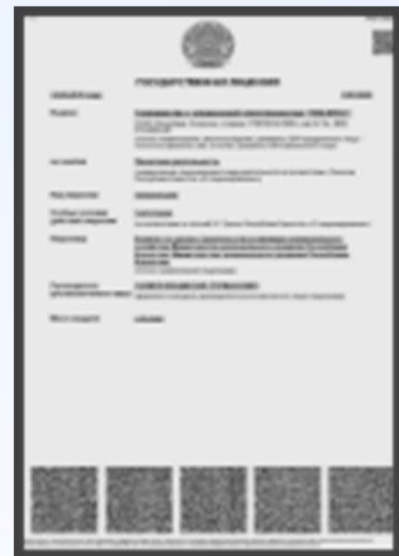




# Certification



Project Activities  
Category I



Construction and Assembly  
Works  
Category I



Integrated quality management system  
for compliance with ISO 9001 standard  
requirements



ISO 1400 Environmental  
Management System

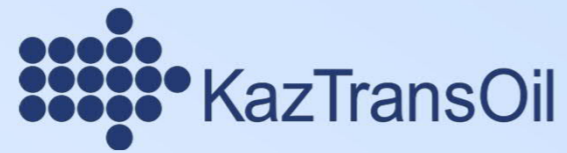


OHSAS 18001  
Occupational Safety and  
Health System



# Customer

KazTransOil JSC



# Projects



2018 - 2019

Construction of oil quality measuring unit

- Jumagaliyev B. Main Pump Station
- Oil Pump Station 663km
- T Kassymov Oil Pump Station

As part of the project, the Oil Quality Measurement Unit system was launched, which ensures automated measurements of oil quality flow indicators in order to transmit information signals to the dispatch control and management system.

2018

Reconstruction of automatic fire alarm and electrical control systems:

- Bolshoy Chagan Pump Station
- Uzen Main Pump Station

To ensure the maintenance of the AFA&EC systems in an operating condition, the project provides for the reconstruction of the AFA subsystem by replacing the existing equipment, discontinued and expired, with equipment using up-to-date hardware components and software.



# Customer

OzenMunayGas JSC



# Projects



2018

SCADA System Introduction on Unit 3

The system is designed to provide real-time operation of systems for collecting, processing, displaying and archiving information about the monitoring and control site

2014

Implementation of intelligent control stations for pneumatic sucker-rod pumps

Introduction of intelligent control stations for sucker-rod pumps (300 wells, 12 operations control centers): - supply of equipment - assembly of control centers- installation work - software development - commissioning

# Customer

JSC NC EXPO-2017



Projects



2016 - 2017

Providing the infrastructure for the international exhibition Astana Expo-2017

Implementation of an integrated safety and security system, which is designed to ensure minimization of the number of crimes and to ensure the implementation of measures to counter extremism and terrorism in crowded places. The following systems were implemented:

- SMART GRID for power supply facilities
- automated parking management system
- automated street lighting control system
- building management BMS office of the sponsor of the exhibition

# Customer

Department of Energy, Housing  
and Utility Services of Atyrau  
Region

Projects



2019 - 2022

Construction and operation of  
outdoor lighting networks in  
the city of Kulsary with a  
length of over 68 km

- Providing city residents with high-quality street lighting for the longest possible period of facilities' operation
- Improving safety for city road users
- Arranging comfortable living conditions for the population of the town of Kulsary



# Customer

Astana-Energy JSC

Projects



2021-2023

Repair and construction work at energy infrastructure facilities

Under public procurement contracts, they carry out work on the overhaul of the infrastructure of thermal power companies in the city of Astana, including fuel oil storage facilities, reagent warehouses, storage facilities, emergency voice warning systems



# Customer

Department of Emergencies  
of the city of Almaty

## Projects



2019 - 2021

Construction of an automated  
mudflow hazard monitoring  
system

In the basins of the Small and Big Almaty, Kargaly and Aksai rivers, systems have been installed that make regular measurements, analysis and forecasting of characteristics indicating the possibility of mudflow formation; monitoring the progress of mudflows, advance warning of mudflow threat or occurrence to the population and emergency services

2022 - 2023

Construction of an automated  
warning system for strong  
earthquakes

A network of 28 stations equipped with modern sensors manufactured in Switzerland, transmitting stations based on satellite communications and GSM network using the latest software for the purpose of timely information notification emergency services

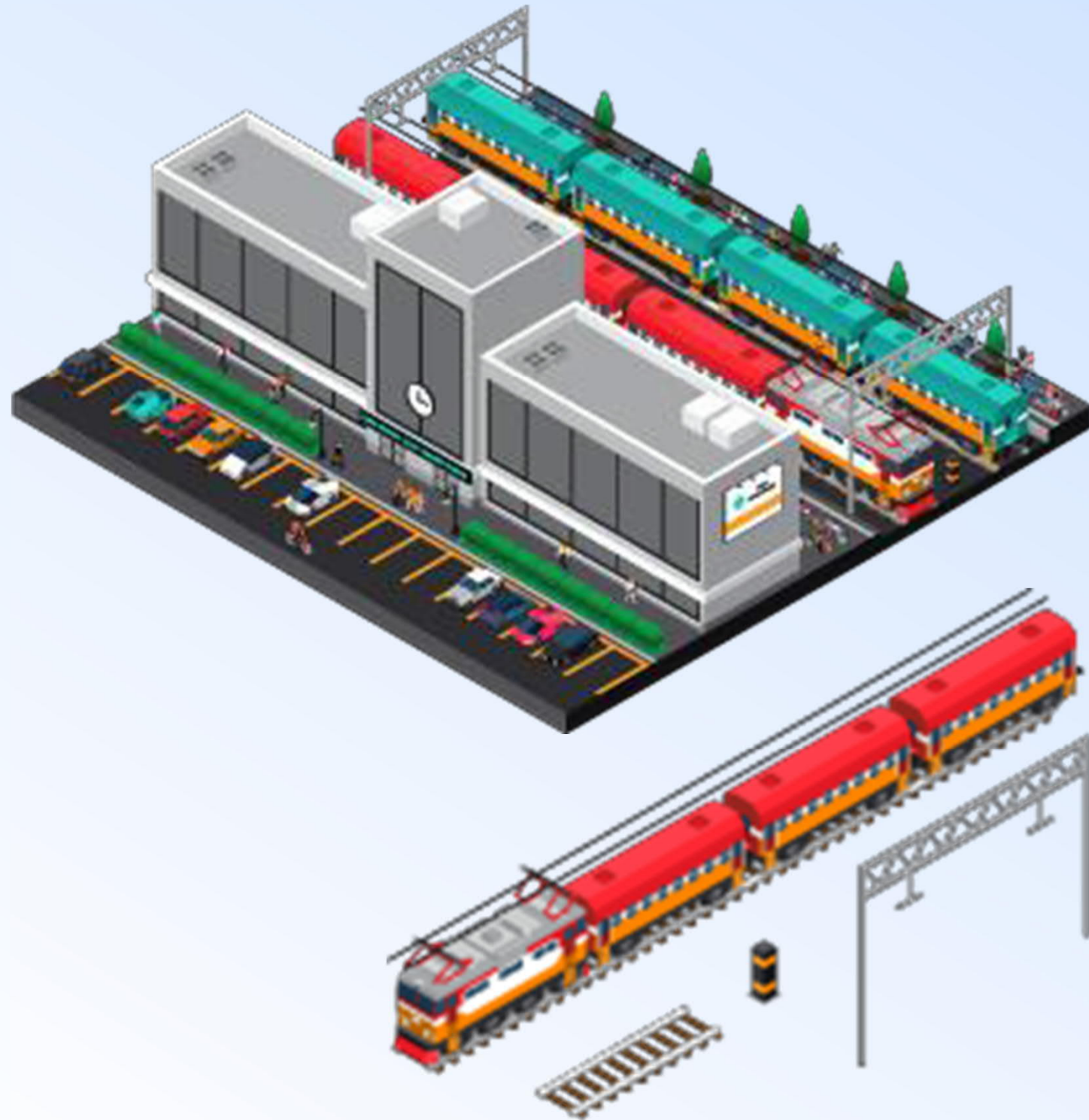


# Customer

JSC NC Kazakhstan Temir Zholy



## Projects



2008 - 2021

Introduction of Automatic system for commercial accounting of power consumption at the branches of JSC NC Kazakhstan Temir Zholy

Introduction of Automatic system for commercial accounting of power consumption at the branches of JSC NC Kazakhstan Temir Zholy in Pavlodar, Atbasar, Kostanay, ZhanaEsil, Kokshetau, Uralsk, Atyrau, Mangistau, Kyzylorda, Shalkarsk, Astana, Ekibastuz, Karaganda, Agadyr, Shymkent, Saryshagan, Aktobe, Almaty, Zhambyl, Semey, Ushtobe, and Shu.

Commissioning, as well as further support of the software and hardware complex at power facilities and in control rooms.

# Customer

Astana-Energy JSC

Projects



## Construction of the chimney of CHPP-1 Astana-Energy JSC in Astana.

2024 - 2026

Introduction of Construction of the chimney of CHPP-1 Astana-Energy JSC in Astana.

Purpose of creation and characteristics The purpose of the chimney construction is reliable and efficient removal of flue gases from boilers No. 1,2,3,4. Increasing the reliability of equipment, reliable provision of heat, hot water, electricity and improving the comfort of living in Astana.



# Customer

Almatiteplokommunenergo JSC

Projects



«Reconstruction of 21 boiler houses of the Boiler House Operation Area ATEK LLP. Boiler house "Sanatorium Alatau" Almaty»

2025

Introduction of Boiler house "Sanatorium Alatau" Almaty.

Purpose of creation and characteristics

The main objectives of the boiler room expansion are:

- Reconstruction and modernization of the existing building and facilities of the boiler house,
- modernization of the main and auxiliary equipment of the boiler house;
- Ensuring reliable heat supply to consumers, energy and environmental safety;
- Efficient use of natural fuel and water resources.





Thank you for your time!

[www.tns.kz](http://www.tns.kz)

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