



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



Railway automation



Municipal Engineering



Commercial Utility
Metering



Mining Industry



Rolling stock management (rail, road, water transport)







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

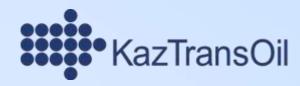


ISO 1400 Environmental Management System



OHSAS 18001 Occupational Safety and Health System

KazTransOil JSC







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.



OzenMunayGas JSC







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



JSC NC EXPO-2017







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

Department of Energy, Housing and Utility Services of Atyrau Region

Projects



2019 - 2022

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

2023 - 2028

Second stage construction and operation of outdoor lighting networks in the city of Kulsary with a length of over 98 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



Astana-Energy JSC





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



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

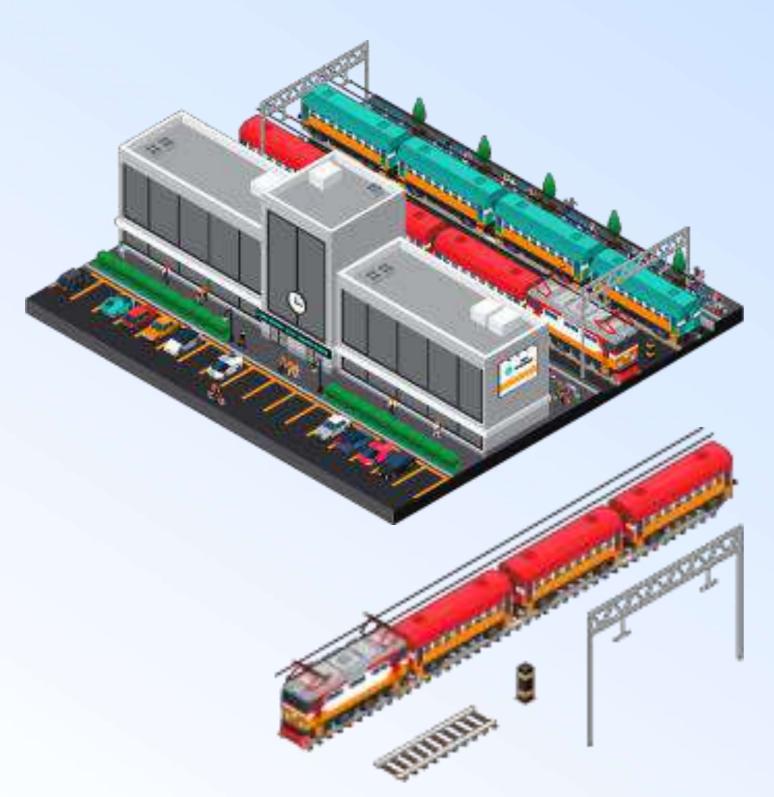
A network of 28 stations equipped with modern sensors manufactured in Switzerland, transmitting stations based on satellite communications and GSM network using the latest software for the purpose of timely information notification emergency services

Projects



JSC NC Kazakhstan Temir Zholy





(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.





Thank you for your time!

www.tns.kz

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